



Government of Bihar  
Finance Department



# GREEN BUDGET

## 2022-23





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## Preface

The 2030 agenda for Sustainable Development Goal (SDG) has been laid out on 17 goals and 169 targets which are to be achieved by the end of this decade. In 2022, the world is already at the verse of last decade of action for sustainable development and accelerated progress that needs to be achieved in remaining next eight years. The global climate response, must be decided on the basis of respective capabilities of the responsible institutions without compromising justice and equality. Post Glasgow climate negotiations of CoP26, several climate adaptations, and mitigation agendas have been formulated to achieve climate goals. This year in CoP27, special provisions of climate finance were focal of the climate negotiations for combating adverse impacts of climate change in low-income vulnerable countries. Emphasis was on the provisions for financial aid to cover loss and damage due to climate impacts, global transparency, and collaborations for collective climate actions. As India and the Members of G-77 countries have emphasized on contribution from the developed countries to fulfill the USD 300 billion dollars of economic assistance by 2030, with the objective of meeting continuous sustainable efforts that will be made by the developing countries. Similarly, it will be necessary to provide adequate handholding, in terms of technology advancement and institutional strengthening for balanced approach.

National and state responses are as important as global efforts. The Government of Bihar considers its important to continue the discussion on climate action at both government and non-government fronts. State Government's vision through Jal-Jeevan-Hariyali Abhiyan is forward-looking and integrally linked to development that foregrounds towards providing immediate infrastructure to achieve the goals of sustainable development and proper action to reduce the effects of climate change. One of the ways is to effectively mainstream environmental sustainability and climate action is by integrating such efforts into economic decision-making processes including annual planning and budgeting. This can also promote policy coherence through better planning and coordination of the existing programmes and schemes. In this line, since the last two years, the Finance Department, Government of Bihar has tabled green budget in the state legislative assembly to institutionalize through annual budgeting process. Through this exercise, the Government of Bihar has attempted to identify sectoral actions which are directly or indirectly contributing to setting the agenda of environmental sustainability in the State. It is believed that the green budgeting exercise can lead to proactive mindsets across departments and lead to better planning, coordination and synergies within the existing fiscal space.



# **GREEN BUDGET BIHAR**

## **Introduction**

The concept of 'Green Budget' can be observed as a sub-budget, derived from the State's fiscal budget to scrutinize environment-compatible public budget estimates and spending. This presents an approach to identifying 'Green' responsive priorities and budgetary provisions of schemes and programmes by the stakeholder departments. Subsequently, this can also be referred as an assessment tool to measure the impacts of green-oriented efforts in terms of satisfying national and international intended objectives/commitments such as, Sustainable Development Goals (SDGs).

Such objective oriented budgeting exercise can be also observed as pivotal in terms of addressing India's pledge for reducing overall carbon emissions load at the regional level. Among 100 nations, during the 26th chapter of the Conference of Parties (referred as COP26) India has committed to a 'net-zero' carbon emissions target by 2070<sup>1</sup>. Moreover, India's commitment has extended to reducing one of the major contributors of Green House Gas (GHG) emissions (methane) by 30 percent in less than a decade<sup>2</sup>. The country would be expecting around 1 trillion dollars of financial investments along with substantial policy-level interventions to reduce the emissions at the set target level.

There will be a need for substantial policy decision making as well as adequate financial investments in the priority sectors & the country for achieving the targets. The Government of Bihar, through green-budget approach has also realized its significance in mapping and monitoring of the components addressing threats such as climate change, biodiversity loss, and environmental degradation that require urgent actions, concrete and systematic approaches, credible institutions, and budgetary provisions. It is believed that streamlining green budget can also create momentum in terms of environmental consciousness in the approach of the concerned departments and lead to better planning towards improving their green-oriented outcomes of public policies, schemes, and programmes within the existing fiscal scope.

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<sup>1</sup> National Statement by Prime Minister Shri Narendra Modi at COP26 Summit in Glasgow; Press Information Bureau, November 01, 2021: <https://pib.gov.in/PressReleasePage.aspx?PRID=1768712>

<sup>2</sup> United Nations Environment Programme (UNEP); Climate Action Story; 22 September 2021: <https://www.unep.org/news-and-stories/story/new-global-methane-pledge-aims-tackle-climate-change>

## Approach

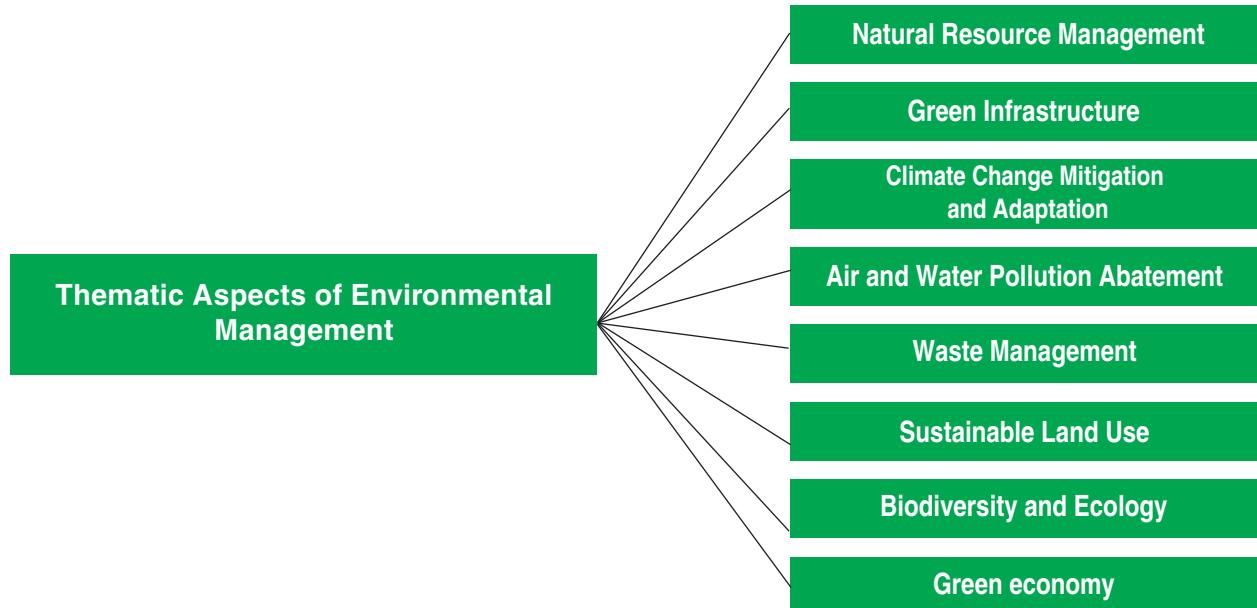
An attempt has been made to keep the outline of the green budget simple with an objective of environmental sustainability. For the preparation of such a document, experts believe that there is a need to pay special attention mainly to three aspects- firstly, policy consultations by the departments which are the essential basis for the implementation of such subject-based budgets. Secondly, the intended goals of sustainable development can only be achieved through cohesive responses for the actions determined by the departments. And thirdly, the green actions determined by the departments must adhere to the green methodology developed by the concerned departments. Such methodological approach can strengthen the process of monitoring the outcomes as desired from the schemes/programmes. The foundational principles of this public finance and budget mapping exercise can be referred as:



**Figure 1 - Budget identification and implementation framework**

- Green Budget provides deeper insights into sectoral interventions and focuses on the aggregation of allocations and expenditures on green-centric schemes/programmes to address systemic inefficiencies, regional disparities, and other pressing challenges that may have arisen due to inadequate budgetary provisions.
- Green Budget promotes strengthening of inter-departmental coordination for a cohesive response toward the environmental sustainability agenda of the state and the country together.
- Public expenditure is an indicator of governments' actions toward achieving the environmental goals/targets. Therefore such a budget can potentially be a tool for policymakers to assess and orient fiscal policy towards taxing mechanisms, subsidiary support, investment opportunity, etc. for achieving the green targets.
- As the approach of green budgeting is at the nascent stage of development and evolving in terms of gaining acceptance as an effective policy toolkit, in the subsequent years, it could further present a comprehensive analysis of actual expenditure over budgeted expenditures that will reflect the sectoral outcomes and achievement made.

- The first critical step is to define what are the environment promoting activities. For this, we define these as all activities supporting the following directly or indirectly-



**Figure 2-Thematic aspects of the green budget**

- The next step is the classification of government schemes into these themes. The general guidance for this is obtained based on the alignment of schemes objectives and components/ activities with relevant national and international Commitments/ Policy Frameworks.

Being a State with several limitations, protecting and conserving available natural resources and improving SDG performance in Bihar is very important. The green budget presents a mechanism of issue-based budgetary mapping, similar to other budgetary exercise such as the Climate Budget, Child Budget and Gender Budget that focuses on identification and scrutinizing programmatic-level budgetary provisions towards environmentally sustainable or green outcomes. Green budgeting approach has been derived from the SDG<sup>3</sup> and Rio-Markers<sup>4</sup> framework. Similar to the previous two year's budget, the following steps have been followed for preparing the green budget for Bihar:

## Step 1

Identifying programmatic level interventions committed by stakeholder departments from their annual plan and budget documents. For this purpose, the programme-specific guidelines and objectives, obtained from various sources were reviewed, and also identified those schemes that had activities/ components directly or indirectly relevant to

<sup>3</sup> SDG Index and Dashboards: Detailed Methodological Paper; Guillaume Lafourche, Grayson Fuller, Jorge Moreno, Guido Schmidt-Traub, Christian Kroll; September 2018: <https://github.com/sdsna/2018GlobalIndex/raw/master/2018GlobalIndexMethodology.pdf>

<sup>4</sup> OECD DAC Rio Markers for Climate; Handbook:

[https://www.oecd.org/dac/environment-development/Revised%20climate%20marker%20handbook\\_FINAL.pdf](https://www.oecd.org/dac/environment-development/Revised%20climate%20marker%20handbook_FINAL.pdf)

environmental sustainability and climate change mitigation and adaptation.

## Step 2

After identification, the relevant stakeholder departments were asked to provide respective budgetary data in a prescribed proforma. To complete this exercise, relevant line departments were supported with technical handholding and in-person discussions, briefing the approach of identifying budget estimates with its proportion of expenditure component in relevant schemes or programme;

## Step 3

To avoid double-counting of budget figures and to minimize errors, the 'tagging and tracking' method was adopted. Department wise budget codes for identified schemes or programmes were recorded for tracking the sectoral programmes and relevant departments.

**Table 1: Illustration of the approach adopted for preparing the green budget**

Estimation of budgetary allocations & expenditures	Identification of departments contributing towards environment-promoting activities as per the Sustainable Development Goals (SDG)	Review of Detailed Demand for Grant of all State Departments
		Review of annual reports and website of State Departments and Central Ministries
		Review of state and central policies
	Identification of schemes contributing toward Environment Promoting activities	Detailed Demands for Grants and Review of Budget Documents
		Consultation with representatives of the relevant department of the state
	Collation of budgetary allocation/expenditure on identified schemes	The Finance Department of the Bihar Government facilitated the collection of green component-related schemes and their financial accounts from relevant Departments
		Collation of total budget allocation/expenditure for each scheme
	Using coefficients for estimation of Green Component of Environmentally relevant schemes	Modified Rio-Marker methodology explained to relevant officials of relevant departments
		Relevant departments provided estimates of the green component

For this purpose, the methodology used is based upon the SDG-linked mapping tool and the modified Rio-Marker methodology. Each scheme and its objectives and components are reviewed in detail for categorizing them into different ranges in the below-mentioned

Table-2. Various components of the schemes were scored to arrive at the cumulative scheme score. The detailed direction in assessing the score of the scheme is based on the alignment of the components of the schemes with the 'Action Points and Activities' linked with India's SDGs, National Action Plan on Climate Change (NAPCC), Bihar State Action Plans on Climate Change (SAPCC), National Biodiversity Strategy and Action Plan (NBSAP), and the existing literature on classification of activities (e.g., Classification of Environmental Protection Activities and Expenditure (CEPA), the Classification of Environmental Activities (CEA), and BIOFIN classification). Based on the score of schemes/programmes a tagging system is developed for 'green tagging' of different budget heads. Also based on the objectives and intent of the schemes/programmes a green component tagging system has been developed.

**Table 2: Illustration of the green component to the green budget significance range**

<b>Green Budget Significance</b>	<b>Examples of Green schemes or activity</b>
Fully Dedicated (100 percent)	National Afforestation Programme, Project Tiger, E-vehicle scheme, Energy efficiency, RE schemes, etc.
Very High (90-75 percent)	National River Conservation Plan, Conservation, Development and Sustainable Management of Medicinal Plants, etc.
High (75-50 percent)	Groundwater Management and Regulation, National Groundwater Management Improvement Programme, etc.
Medium (50-25 percent)	National Horticulture Mission, National Mission on Agriculture Extension and Technology, National Mission on Sustainable Agriculture, Integrated Watershed Management Programme, etc.
Low (25-05 percent)	Pradhan Mantri Krishi Sinchayee Yojana, National Mission on Micro Irrigation, Paramparagat Krishi Vikas Yojana, etc.
Marginal (05 percent or less)	Training and Awareness programmes, Environment Volunteering Programmes, Information, Education and Communication materials, etc.

**Note:**

- The analysis of the programmatic budget estimates is not sufficient to evaluate the compliance with national and international goals/ commitments of environmental sustainability and climate change;

- The green budget has accounted only for gross budget estimates and actual allocation & expenditure of identified department-wise schemes and programmes, hence the results do not express net status of outcomes or expenditures;
- Environmental regulations are not included in the scope of the budget process. Also, the green budget does not evaluate the efficiency of environmental expenditures;
- The limitations, however, cannot take away the benefits of such exercise. It has the scope to bring together important agendas such as climate change, biodiversity, environmental policy, public finance and budget, green economy, etc in focus for discussions and regulation.

## Environmental Status of Bihar

Bihar is one of the land-locked states with total pollution of around 104 million, with a high population density of around 1102 persons per sq.km (much higher than the national average of 382 persons per sq. km)<sup>5</sup>. The State is situated in the mid of Indo-Gangetic plains and has a total geographical area of 94,164 sq.km, which is around 2.86 percent of the total geographical area of India. The state's annual average rainfall ranges from 1521.5 mm, and the average annual temperature from 20°C to 28°C. The notified area of total green cover (outside and inside the forest area) of the state of Bihar spread over about 13,331 sq. km., where the tree area outside the notified forest area is 6,454 sq. km. Presently, the total green cover of state is 14.16% of its geographical area (94,164 sq. km.)<sup>6</sup>. On the other hand, Bihar's SDG performance ranking was 52 as the performance has improved in certain goals such as clean water and sanitation (from 81 in 2019 to 91 in 2020), affordable and clean energy (from 62 in 2019 to 78 in 2020), health and well-being (from 44 in 2019 to 66 in 2020), and deteriorated in certain goals such as climate actions (from 43 in 2019 to 16 in 2020), industry, innovation and infrastructure (from 47 in 2019 to 24 in 2020)<sup>7</sup>.

**Table 3: Status of environment and climate change indicators in Bihar state**

Criteria	Indicators	State's position	Comments
General <sup>8</sup>	Population	10,40,99,452	Bihar is the third largest state in India in terms of population.
	Geographical Area	94,164 km <sup>2</sup>	Bihar is the 12th largest state of India in terms of territory.
	Population Density	1,102/km <sup>2</sup>	Bihar ranked 6th among all the states.

5 Census of India 2011: [https://censusindia.gov.in/2011-prov-results/data\\_files/bihar/Provisional%20Population%20Totals%202011-Bihar.pdf](https://censusindia.gov.in/2011-prov-results/data_files/bihar/Provisional%20Population%20Totals%202011-Bihar.pdf)

6 India Forest Survey of Report (ISFR), 2019: <https://fsi.nic.in/isfr19/vol1/chapter2.pdf>

7 Sustainable Development Goal India Score 2020: <https://sdgindiaindex.niti.gov.in/#/ranking>

8 Census 2011

<b>Criteria</b>	<b>Indicators</b>	<b>State's position</b>	<b>Comments</b>
<b>Sustainable Development Goal<sup>9</sup></b>	Overall SDG Ranking	52	From 2019 to 2020, the composite score improved by 2 points.
	Clean Water and Sanitation (Goal 6)	91	From 2019 to 2020, the composite score improved by 11 points.
	Affordable and Clean Energy (Goal 7)	78	From 2019 to 2020, the composite score improved by 16 points.
	Climate Action (Goal 13)	16	Bihar has dropped from 18th place in 2019 to 28th place in 2020.
	Life on Land (Goal 15)	62	From 2019 to 2020, the composite score improved by 9 points.
<b>Land Utilization<sup>10,11</sup></b>	Wasteland	7.69 lakh ha	Since 2008-09, the total area of waste land has decreased by 1.13 lakh hectares.
	Land not available for cultivation	21.66 lakh ha	Since 2018-19, the land unavailable for agriculture has increased by 0.155 lakh hectares.
	Fallow Land	11.86 lakh ha	Since 2018-19, there has been a 0.73 lakh hectares rise in fallow land.
	Uncultivated land excluding fallow land	2.6467 lakh ha	Since 2018-19, there has been an increase of 0.012 lakh hectares.
	Gross Sown Area	72.96 lakh ha	From 2018 to 2019, there was a decline of 1.0957 lakh hectares.

<sup>9</sup> SDG report 2020-21

<sup>10</sup> Wastelands Atlas of India 2019

<sup>11</sup> Land Use Statistics, MoA, GOI

<b>Criteria</b>	<b>Indicators</b>	<b>State's position</b>	<b>Comments</b>
<b>Forest<sup>12</sup></b>	Total green cover area (outside and inside forest area) <sup>13</sup>	13,331 km <sup>2</sup>	The notified forest area is 7,442 km <sup>2</sup> with an increase of 565 km <sup>2</sup> in forest area since 2019.
	Percentage of green cover to total geographical area <sup>13</sup>	14.16%	Since 2019, there has been an increase of 75 km <sup>2</sup> in forest cover outside the notified forest area.
	Very Dense Forest	333 km <sup>2</sup>	Since 2019, there has been no rise.
	Moderately Dense Forest	3,286 km <sup>2</sup>	Since 2019, an increase of 6 km <sup>2</sup> has been recorded.
	Open Forest	3,762 km <sup>2</sup>	An increase of 69 km <sup>2</sup> has been recorded since 2019.
	Change in Forest Cover (from 2019)	1.03%	Bihar is ranked sixth out of India's 36 states and union territories.
	Tree Cover	2,341 km <sup>2</sup>	Tree cover is 2.48 percent of the total geographical area of Bihar.
	Forest Carbon Stock	56.881 million tonnes	In comparison to 2019, there is an increase in 1.642 million tonnes.
	Growing Stock	71.56 mcm	An increase of 4.37 million cubic meter from 2019.

12 India forest status report 2021

13 Environment, Forest & Climate Change Department, Government of Bihar

<b>Criteria</b>	<b>Indicators</b>	<b>State's position</b>	<b>Comments</b>
<b>Ground Water<sup>13</sup></b>	Annual Ground Water Recharge (2020)	28.05 BCM	Bihar's annual groundwater recharge is higher than that of all Indian states and union territories except Uttar Pradesh (72.02 bcm), West Bengal (29.33 bcm), Madhya Pradesh (36.16 bcm), Maharashtra (32.01 bcm).
	Annual Extractable Ground Water Resource (2020)	25.46 BCM	The total annual extractable groundwater resources exceed that of all Indian states and union territories except Uttar Pradesh (66.88 bcm), West Bengal (26.56 bcm), Madhya Pradesh (33.38 bcm), Maharashtra (30.25 bcm).
	Annual Ground Water Extraction for Irrigation, Domestic & Industrial uses (2020)	13.02 BCM	Bihar's annual groundwater extraction for irrigation, domestic and industrial use is less than the following states- Gujarat (13.30 bcm), Tamilnadu (14.67 bcm), Rajasthan (16.63 bcm), Maharashtra (16.63 bcm), Madhya Pradesh (18.97 bcm), Uttar Pradesh (46.63 bcm).
	Stage of Ground Water Extraction	51.41%	The groundwater extraction stage of Bihar is better than the following states- Gujarat (53.30%), Haryana (134.56%), Karnataka (64.85%), Punjab (164.42%), Rajasthan (150.22%), Tamil Nadu (82.93%), Uttar Pradesh (68.83%).

13 Groundwater Resource of India 2020

<b>Criteria</b>	<b>Indicators</b>	<b>State's position</b>	<b>Comments</b>
<b>Waste Management</b> <sup>14</sup>	Sewage Generation	2,276 MLD	Bihar's sewage generation is more than the following states- Assam, Arunachal Pradesh, Chhattisgarh, Himachal Pradesh, Jharkhand, Odisha, Punjab, Uttarakhand.
	Sewage Treatment Capacity	10 MLD	Bihar has the lowest capacity among all the states.
	Actual quantity treated	0 MLD	Bihar has no progress, as it has not utilized the treatment capacity yet.
	Number of Municipal STPs	1	Bihar has the lowest capacity among all the states.
	Municipal solid waste generated	4,334 TPD	Bihar generates more municipal solid waste than Assam, Chhattisgarh, Jharkhand, Kerala, Odisha.
<b>Pollution (Water)</b> <sup>15</sup>	Iron (permissible > 1 mg/l)	16	Affected districts in Bihar– Aurangabad, Begusarai, Bhojpur, Buxar, East Champaran, Gopalganj, Katihar, Khagaria, Kishanganj, Lakhisarai, Madhepura, Muzaffarpur, Nawada, Rohtas, Saharsa, Samastipur, Siwan, Supaul, West Champaran.
	Arsenic (permissible > 0.05 mg/l)	15	Affected districts in Bihar– Begusarai, Bhagalpur, Bhojpur, Buxar, Darbhanga, Katihar, Khagaria, Kishanganj, Lakhisarai, Munger, Patna, Purnia, Samastipur, Saran, Vaishali.
	Nitrate (permissible >45 mg/l)	22	Affected districts in Bihar- Aurangabad, Banka, Bhagalpur, Bhojpur, Darbhanga, Kaimur (Bhabua), Patna, Rohtas, Saran, Siwan.
	Flouride>1.5 mg/l	9	Affected districts in Bihar- Aurangabad, Banka, Bhagalpur, Gaya, Jamui, Kaimur (Bhabua), Munger, Nawada, Rohtas, Sheikhpura, Nalanda, Lakhisarai.

14 CPCB 2020

15 CPCB 2021

<b>Criteria</b>	<b>Indicators</b>	<b>State's position</b>	<b>Comments</b>
<b>Pollution (Air)<sup>16</sup></b>	Sox (average annual concentration)	10.42 mcg/m <sup>3</sup>	Gujarat, Jharkhand, Madhya Pradesh, Maharashtra, Rajasthan, Uttar Pradesh, and Uttarakhand have higher Sox levels than Bihar.
	Nox (average annual concentration)	24.14 mcg/m <sup>3</sup>	Delhi, Jharkhand, Maharashtra, Rajasthan, Telangana, Uttar Pradesh, and West Bengal have lower NOx levels than Bihar.
	PM 2.5 (average annual concentration)	107.5 mcg/m <sup>3</sup>	The PM 2.5 level in Bihar is lower than Delhi and Uttar Pradesh.
	PM 10 (average annual concentration)	125 mcg/m <sup>3</sup>	Bihar's PM10 level is better than Delhi, Gujarat, Jharkhand, Rajasthan, Uttar Pradesh, and Uttarakhand.
<b>Climate Change<sup>17,18</sup></b>	Climate change vulnerability ranking	6	Bihar along with Jharkhand, Mizoram, Orissa, Chhattisgarh, Assam along have a high climate change vulnerability.
	Extreme Minimum/ Maximum Temperature	3.6°C/45.8°C	Gaya has recorded minimum/maximum extreme temperatures in 2020.
	Annual Rainfall	1521.5 mm	An increase in annual rainfall of 304.2 mm has been recorded in 2020 compared to 2011.
	Mean Wind Speed	5.1 km/hr	In Gaya, a maximum wind speed of 6.9 kmph was recorded.

16 CPCB 2021

17 Climate Vulnerability Assessment framework

18 Global Climate Risk Index

Criteria	Indicators	State's position	Comments
Disaster <sup>19</sup>	Number of Heat Wave Days	1	In comparison to 2019, Bihar's heat wave days has decreased by 11 days.
	Number of Cold Wave Days	6	In comparison to 2019, Bihar's cold wave days has decreased by 4 days.
	Number of Cyclone	1	Bihar along with 10 states (Gujarat, Maharashtra, Kerala, Karnataka, Andhra Pradesh, Odisha, Goa, Telangana, Jharkhand, West Bengal) were affected.
	Number of Flood Prone Districts	28	<b>Most vulnerable-</b> East Champaran, Sheohar, Sitamarhi, Katihar, Madhubani, Vaishali, Muzaffarpur, Darbhanga, Samastipur, Madhepara, Supaul, Saharsa, Khagaria, Begusarai, Bhagalpur. <b>Vulnerable-</b> West Champaran, Gopalganj, Siwan, Saran, Buxar, Bhojpur, Patna, Nalanda, Lakhisarai, Sheikhpura, Purnia, Araria, Kishanganj
	Number of Drought Prone Districts	13	<b>Sensitive -</b> Gaya, Nawada Jamui, Nalanda, Lakhisarai <b>Prone-</b> Jehanabad, Arwal, Aurangabad <b>Likely-</b> Kaimur, Bhojpur, Buxar, Rohtas, Banka

19 Nation disaster management authority, Government of India

Criteria	Indicators	State's position	Comments
<b>Biodiversity</b> <small>21,22,23</small>			<b>Terrestrial protected area (including national park, wildlife sanctuary)<sup>20</sup></b>
	Area	3,738.28 km <sup>2</sup>	Terrestrial Protected Area of Bihar is more than that of Haryana, Jharkhand, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, Telangana.
	Number	16	Valmiki Tiger Reserve, Udaipur Wildlife Sanctuary, Kaimur Wildlife Sanctuary, Gautam Buddha Wildlife Sanctuary, Bhimbandh Wildlife Sanctuary, Pant Wildlife Sanctuary, Vikramshila Gangetic Dolphin Sanctuary, Nagi Dam Bird Sanctuary, Nakti Dam Bird Sanctuary, Kanwar Lake Bird Sanctuary, Kusheshwarasthan Bird Sanctuary Ali Jubba Sahni Barila Lake Bird Sanctuary, Rajauli Wildlife Sanctuary, Gogabil Conservation Reserve, Gogabil Community Reserve, Bhaluni Dham Conservation Reserve.
	Tiger Population <sup>24</sup>	31	The number of tigers in the Valmiki Tiger Reserve (VTR) in West Champaran district of Bihar has increased from 26 to 37 in the 2018 census.
	Tiger Reserves	1	Valmiki Tiger Reserve is the only tiger reserve in West Champaran district of Bihar.
	Dolphin Reserves	1	Vikramshila Gangetic Dolphin Sanctuary is located in Bhagalpur district of Bihar.
	Leopard Population	98	The number of leopards found in Bihar is between 90 to 106 according to the 2018 census.
	Elephant Population	25	Presence of elephant in Bihar is due to movement from neighboring regions such as Jharkhand, Orissa, Chhattisgarh and forests of Nepal.

20 National Wildlife Database, Wildlife Institute of India, Dehradun

21 ZSI 2020

22 BSI 2020

23 Project Elephant Division, Ministry of Environment, Forest and Climate Change 2017

24 National Tiger Conservation Authority, Ministry of Environment, Forest and Climate Change 2018

Criteria	Indicators	State's position	Comments
	<b>Wetlands<sup>25</sup></b>		
	Number	21,998	Begusarai followed by Katihar and Saharsa have the highest extent of wetlands about 10 per cent of the geographical area of the respective districts.
	Area (Ha)	4,03,209 Ha.	Total wetland area estimated is around 4.4 per cent of the geographic area.
	Ramsar wetland sites <sup>26</sup>	1	Begusarai's Kanwar Lake has been declared as the country's 39th Ramsar site in 2022 which is the first Ramsar site of Bihar.

**Note:**

Lakh ha- Lakh Hectares; km<sup>2</sup>- square kilometer; T- Tonnes; MCM- Million Cubic Meter; BCM- Billion Cubic Meter; MLD- Million Litre per day; TPD- Tonnes per day; MCG/m<sup>3</sup>- Microgram per Cubic Meter of Air.

<sup>25</sup> Wetlands of India,2021, Space Applications Centre, (ISRO), Ahmedabad, India

<sup>26</sup> Ramsar sites information service 2022

## Budget Summary

For the last two years, the Bihar government is presenting green budget before the State's legislature assembly. As mentioned in the above sections, the green budget presents a subject-specific, department-wise consolidated assessment of public budget estimated or spending for the sustainable development work being carried out by the state government departments which depicts the progressive approach of the government through various policy and programmes. The table 4 presents a summary of last two years green budget estimates and its actual expenditure in comparison of the total budget of the state. On the other hand, the table 5 shows the department-wise green budget estimates of last two years. Apart from this, the table 6 presents a comparative summary of the actual expenditure made in comparison to the green budget estimates for the year 2020-21. The analysis of department-wise budget provisions for the green implementation in the current financial year (FY) is as follows:

**Table 4- Green budget summary**

(Rs. In Crore)					
Sl.	Details	FY 2020-21 Budget Estimates	FY 2021-22 Budget Estimates	Current FY 2022-23 Budget Estimates	Increase/ decrease in comparison previous FY (in percentage)
1	Total state budget outlay	211761.49	218302.70	237691.19	8.88
2	Total scheme budget allocations of identified departments under green budget	81176.46	79359.73	79255.54	-0.13
3	Total allocation of schemes/programmes budget identified by the department	27162.85	29337.33	28380.42	-3.26
4	Total green budget components of identified schemes/ programmes	5693.88	7682.91	7710.25	0.35
5	Percentage of green budget from the total allocation identified by the department	7.01%	9.68%	9.73%	
6	Percentage of green budget from the total scheme/programmes of the identified department	21.00%	26.19%	27.17%	

**Table 5– Department- wise green budget summary**

(Rs. In Crore)

Sl.	Identified Department	Green Budget Estimate Financial Year 2022-23				
		Total Scheme Allocation	Identified Scheme Budget	Green Budget of Identified Scheme	Green% of Total Allocation	Green% of Identified Scheme
1	Agriculture	2746.99	1337.34	759.92	27.66	56.82
2	Industries <sup>27</sup>	1545.00	0.01	-	-	-
3	Animal and Fisheries Resource	1194.51	651.63	218.60	18.30	33.55
4	Tourism	300.00	155.00	4.00	1.33	2.58
5	Road Construction	4420.99	2226.89	66.81	1.51	3.00
6	Public Health and Engineering	1947.65	25.00	25.00	1.28	100.00
7	Sugarcane Industries	100.00	98.70	98.70	98.70	100.00
8	Rural work	7950.27	8294.27	459.64	5.78	5.54
9	Minor Water Resource	826.87	795.87	793.28	95.94	99.67
10	Environment, Forest and Climate Change <sup>28</sup>	662.85	654.53	654.53	98.74	100.00
11	Water Resource	3232.63	3232.63	576.76	17.84	17.84
12	Building Construction	4133.43	999.87	107.58	2.60	10.76
13	Health	7035.16	5.00	5.00	0.07	100.00
14	Education	22198.38	389.45	8.03	0.04	2.06
15	Rural Development	14996.19	6155.20	2766.03	18.44	44.94
16	Information and Public Relation	101.00	82.23	4.11	4.07	5.00
17	Transport	242.00	160.00	50.75	20.97	31.72
18	Urban Development and Housing	4035.10	3056.80	1051.51	26.06	34.40
19	Energy	1586.52	60.00	60.00	3.78	100.00
<b>Total</b>		<b>79255.54</b>	<b>28380.42</b>	<b>7710.25</b>	<b>9.73</b>	<b>27.17</b>

27 In the current financial year, green budget has been kept zero since there is no green component in any of the identified schemes/programmes by the Industries Department.

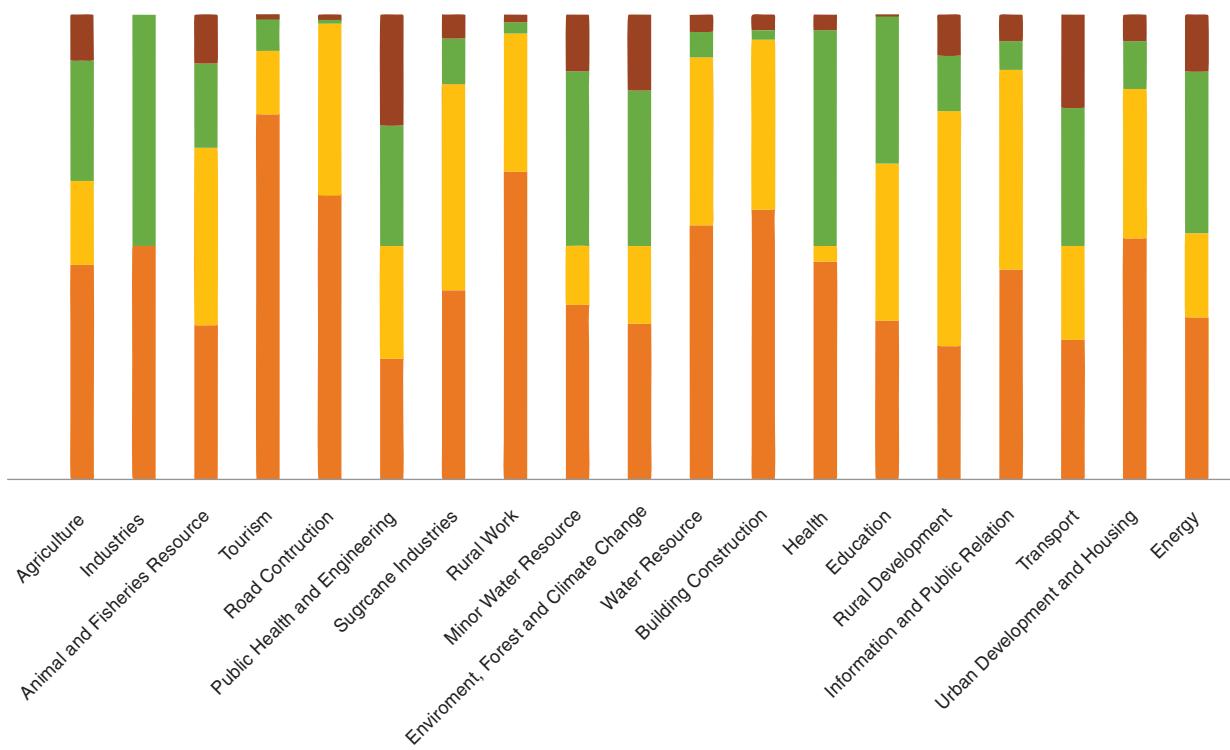
28 Since the entire goal of the Environment Department is environmental protection and sustainability, the amount of both establishment and committed expenditure has been included in the green budget for the financial year 2022-23.

**Table 6- Department-wise expenditure summary in comparison to estimates for FY 2020-21**

(Rs. In Crore)

Department	Total Budget Estimates of identified schemes/programmes FY 2020-21	Expenditure against total budget estimates FY 2020-21	Total Green Estimates of identified schemes/programmes FY 2020-21	Expenditure against total green estimates FY 2020-21
Agriculture	1421.85	557.39	798.54	302.67
Industries	10.00	0.00	10.00	0.00
Animal and Fisheries Resource	146.74	170.52	80.47	47.54
Tourism	221.14	38.68	20.00	2.07
Road Construction	3951.96	2380.24	51.58	40.64
Public Health and Engineering	37.00	34.01	37.00	34.01
Sugarcane Industries	30.00	32.74	7.09	3.88
Rural Work	8418.95	3772.03	290.69	235.23
Minor Water Resource	787.50	259.19	785.00	259.08
Environment, Forest and Climate Change	440.00	214.99	440.00	214.99
Water Resource	3000.00	1966.96	300.00	213.92
Building Construction	620.00	389.79	24.03	34.68
Health	10.00	0.72	10.00	0.72
Education	78.00	78.27	73.25	0.05
Rural Development	4605.23	8161.68	1914.01	1427.37
Information and Public Relation	82.73	78.85	11.50	10.61
Transport	195.00	130.45	195.00	130.45
Urban Development and Housing	3071.75	1896.57	610.72	337.11
Energy	35.00	18.29	35.00	12.50
<b>Total</b>	<b>27162.85</b>	<b>20181.37</b>	<b>5693.88</b>	<b>3307.52</b>
<b>Percentage of expenditure in comparison to budget estimates on total identified schemes/ programmes in the FY 2020-21</b>			<b>74.30 Percentage</b>	
<b>Percentage of expenditure in comparison to budget estimates on total identified green schemes/ programmes in the FY 2020-21</b>			<b>58.09 Percentage</b>	

- Total Budget Estimates of identified schemes/programmes FY2020-21
- Total Green Estimates of identified schemes/programmes FY2020-21
- Expenditure against total budget estimates FY2020-21
- Expenditure against total green estimates FY2020-21



**Figure 3- Illustration of department-wise budget estimates in comparison with the actual expenditure**

**Table 7- Department-wise number of schemes/ programmes identified for green budget**

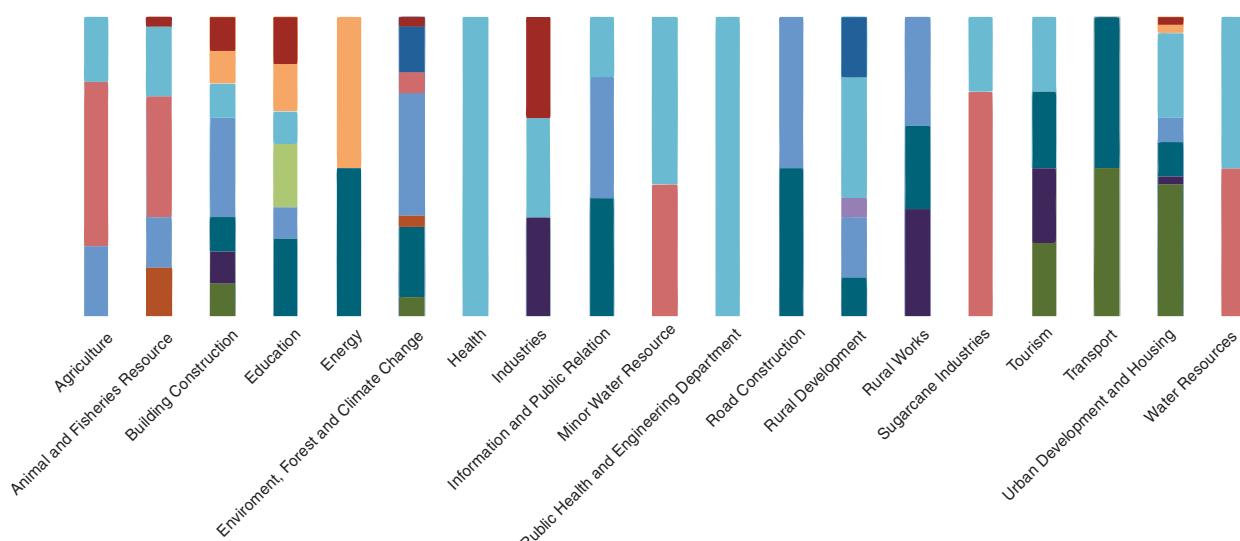
Sl.	Department	Range 100%		Range 90-75%		Range 75-50%		Range 50-25%		Range 25-05%		Range 05% or less		Total identified scheme/ program in FY 2022-23	Total identified scheme/ program in FY 2021-22
		2022-23	2021-22	2022-23	2021-22	2022-23	2021-22	2022-23	2021-22	2022-23	2021-22	2022-23	2021-22		
1	Environment, forest and climate change	34	31	0	0	0	0	0	0	0	0	0	0	34	31
2	Minor Water Resources	15	15	3	3	0	0	0	0	0	0	0	0	18	18
3	Transport	2	4	0	0	1	1	0	0	0	0	0	0	3	5
4	Education	0	0	0	0	2	2	0	0	0	0	8	3	10	5
5	Rural Development	10	2	0	0	2	6	0	0	0	0	31	17	43	25
6	Energy	2	2	0	0	0	0	0	0	0	0	0	0	2	2
7	Public Health and Engineering	3	3	0	0	0	0	0	0	0	0	0	0	3	3
8	Urban Development and Housing	5	2	6	9	0	0	14	14	15	10	16	2	56	37
9	Industries	0	1	0	0	0	0	0	0	0	0	0	0	0	1
10	Building Construction	1	2	0	0	0	0	0	0	4	4	1	1	6	7
11	Agriculture	3	3	14	7	24	26	18	22	20	21	4	0	83	79
12	Animal and Fisheries Resources	5	8	0	0	4	0	6	2	2	2	5	4	22	16
13	Water Resources	0	0	0	0	0	0	0	20	20	0	0	0	20	20
14	Road Construction	0	0	0	0	0	0	0	0	1	3	2	3	3	3
15	Sugarcane Industries	6	0	0	0	0	0	0	3	0	0	0	0	6	3
16	Rural Works	0	0	0	0	1	1	0	3	1	1	5	4	7	9
17	Information and Public Relations	0	0	0	0	0	0	0	0	1	0	0	1	1	1
18	Tourism	0	0	0	0	0	0	0	0	0	0	1	1	1	1
19	Health	1	1	0	0	0	0	0	0	0	0	0	0	1	1
<b>Identified scheme/program of 2021-22 and 2022-23</b>		<b>87</b>	<b>74</b>	<b>23</b>	<b>19</b>	<b>34</b>	<b>36</b>	<b>38</b>	<b>44</b>	<b>63</b>	<b>59</b>	<b>74</b>	<b>35</b>	<b>319</b>	<b>267</b>

**Table 8- Department-wise SDG mapping of identified schemes/ programmes**

Department	SDG 11	SDG 12	SDG 13	SDG 14	SDG 15	SDG 2	SDG 4	SDG 5	SDG 6	SDG 7	SDG 8	SDG 9	Total
Agriculture	0	0	0	0	10	23	0	0	9	0	0	0	42
Animal and Fisheries Resources	0	0	0	5	5	12	0	0	7	0	0	1	30
Building Construction	1	1	1	0	3	0	0	0	1	1	0	1	9
Education	0	0	5	0	2	0	4	0	2	3	0	3	17
Energy	0	0	3	0	0	0	0	0	0	3	0	0	6
Environment, Forest & Climate Change	4	0	14	2	24	4	0	0	0	0	9	2	59
Health	0	0	0	0	0	0	0	0	1	0	0	0	1
Industries	0	1	0	0	0	0	0	0	1	0	0	1	3
Information and Public Relations	0	0	2	0	2	0	0	0	1	0	0	0	5
Minor Water Resources	0	0	0	0	0	4	0	0	5	0	0	0	9
Public Health and Engineering Department	0	0	0	0	0	0	0	0	1	0	0	0	1
Road Construction	0	0	2	0	2	0	0	0	0	0	0	0	4
Rural Development	0	0	2	0	3	0	0	1	6	0	3	0	15
Rural Works	0	4	3	0	4	0	0	0	0	0	0	0	11
Sugarcane Industries	0	0	0	0	0	3	0	0	1	0	0	0	4
Tourism	1	1	1	0	0	0	0	0	1	0	0	0	4
Transport	3	0	3	0	0	0	0	0	0	0	0	0	6
Urban Development and Housing	16	1	4	0	3	0	0	0	10	1	0	1	36
Water Resources	0	0	0	0	0	12	0	0	12	0	0	0	24
<b>Total</b>	<b>25</b>	<b>8</b>	<b>40</b>	<b>7</b>	<b>58</b>	<b>58</b>	<b>4</b>	<b>1</b>	<b>56</b>	<b>8</b>	<b>12</b>	<b>9</b>	<b>288</b>

■ SDG 11 ■ SDG 12 ■ SDG 13 ■ SDG 14 ■ SDG 15 ■ SDG 2

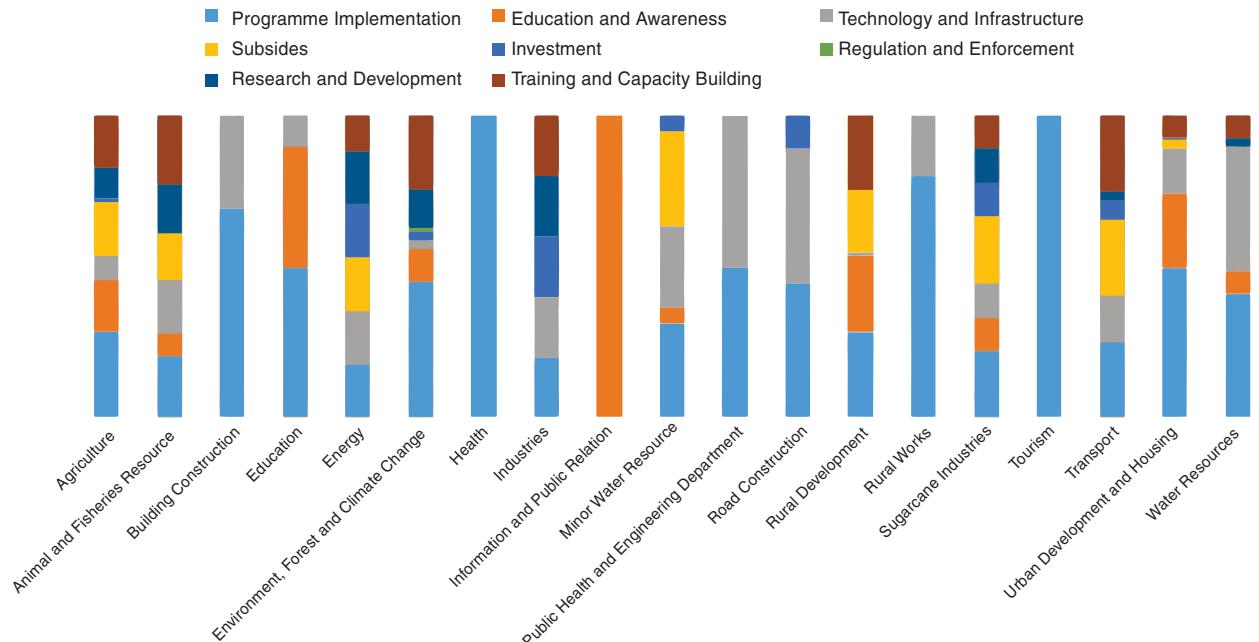
■ SDG 4 ■ SDG 5 ■ SDG 6 ■ SDG 7 ■ SDG 8 ■ SDG 9



**Figure 4- Department-wise schemes/ programmes comparison with SDG**

**Table 9- Department-wise activity mapping of identified schemes/programmes**

Department	Program Implementation	Education and Awareness	Technology and Infrastructure	Subsidies	Investment	Regulation and Enforcement	Research and Development	Training and Capacity Building
Agriculture	98	59	28	61	3	0	37	58
Animal and Fisheries Resources	21	7	18	16	0	0	16	23
Building Construction	9	0	4	0	0	0	0	0
Education	10	8	2	0	0	0	0	0
Energy	3	0	3	3	3	0	3	2
Environment, Forest and Climate Change	48	12	3	0	3	1	14	26
Health	1	0	0	0	0	0	0	0
Industries	1	0	1	0	1	0	1	1
Information and Public Relations	0	2	0	0	0	0	0	0
Minor Water Resources	18	3	15	18	3	0	0	0
Public Health and Engineering	3	0	3	0	0	0	0	0
Road Construction	4	0	4	0	1	0	0	0
Rural Development	49	43	2	35	0	0	0	42
Rural Works	8	0	2	0	0	0	0	0
Sugarcane Industries	6	3	3	6	3	0	3	3
Tourism	1	0	0	0	0	0	0	0
Transport	8	0	5	8	2	0	1	8
Urban Development and Housing	56	27	17	3	1	0	0	8
Water Resources	16	3	16	0	0	0	1	3
<b>Total identified activity</b>	<b>360</b>	<b>167</b>	<b>126</b>	<b>150</b>	<b>20</b>	<b>1</b>	<b>76</b>	<b>174</b>



**Figure 5- Illustration of green budget activities**

## Conclusion

In the current Financial Year 2022-23, in comparison to the budget allocation of the total identified schemes/ programmes of the departments, the total green budget percentage is about 9.73 percent, which shows a marginal difference i.e., an increase of 0.05 percent as compared to the previous FY. The green budget allocation (estimate) for the previous FY was about Rs 7682.91 crore, which has increased to Rs 7710.25 crore in the current FY. However, in comparison to the department-wise identified green budget schemes, the green budget is at 27.17 percent, registering an increase of about 0.98 percent from the previous FY. On the other hand, the contribution of the department-wise identified schemes/ programmes has been increased significantly. A total of 319 schemes/ programmes have been identified for green budget in the current FY, which was 267 in the previous FY. It must be noted that such increase might have observed due to further identification of positively impacting schemes/ programmes. It does not include the outlays which may have any negative or harmful impact on the stated green objectives. It is also to be noted that the based-on objectives and outcomes, respective departments generally identified their schemes/ programmes that are being carried out by them in the current FY. Therefore, in terms of relevance, the respective departments classified the green component by estimating the projected budget and expenditure on such identified schemes/ programmes.

Whereas, in the FY 2020-21, the total expenditure of all identified schemes/ programmes were around 74.30 percent of the budget estimate i.e., Rs 27162.85 crore. At the same time, the total expenditure on total identified green schemes/ programmes as compared to the budget estimate were around 58.09 percent i.e., Rs 5693.88 crore. Although the proportion of the budget estimate has been reduced by roughly 3.26 percent, it is worth appreciating their efforts being made even during the Corona outbreak where the state's economy was somehow recovering from the severe economic slowdown. The efforts of the most effective departments in terms of green recovery i.e., Information and public relation, Public Health and Engineering, Rural work and Road Construction department to be seen as an ambitious and positive way forward towards state's environmental sustainability.

Based on observation of efforts made by the key departments in the current FY, the contribution of the Environment, Forest and Climate Change, Public Health and Engineering, Health, Energy, and Sugarcane departments has been recorded 100 percent in the Green Budget. It is observed that, as compared to the previous FY, the Sugarcane department has increased its green contribution by about 60 percent, and the Water Resources department has increased its contribution by about 8 percent. On the other hand, in comparison to the previous FY, the Transport department's green budget contribution is around 60 percent, the Animal and Fisheries department's green budget contribution is approximately 24 percent, and the Education department's green budget contribution is approximately 30 percent lower.

Based on the table-8 analysis of, SDG tagging and department-wise identified schemes/programmes reveals that this year the budget is primarily focused on four SDG targets – Climate Action (SDG 13), Life on Land (SDG 15), Clean Water and Sanitation (SDG 6), and Sustainable Cities and Communities (SDG 11). However, some of the identified schemes/ programme have also revealed their focus on Zero Hunger (SDG 2), Quality Education (SDG 4), Gender Equality (SDG 5), Affordable and Clean Energy (SDG 7), Decent Work and Economic Growth (SDG 8), Industry, Innovation and Infrastructure (SDG 9), Responsible Consumption and Production (SDG 12). At this stage, these findings can be considered as early indicators in terms of environmental sustainability focus of the state. Simultaneously, this year, department-wise activities of identified schemes/ programmes have been evaluated.

Table-9 is an illustration activity mapping based on its objectives and description of each of the schemes/ programmes and different objective-orientation, categorized into- Program Implementation, Education and Awareness, Investment, Regulation and Enforcement, Research and Development, Training and Capacity Building, Subsidies, Technology, and Infrastructure. Findings from the mapping exercise indicates that most schemes are focusing on programme implementation which has marked 360 activities. However, 174 schemes activities are focusing on training and capacity building, 167 are on education and awareness, 150 are on subsidies, 126 are on technology and infrastructure, and 76 are focused on research and development activities.

Bihar, being agrarian economy, it is necessary to comprehend the green activities implemented as part of agricultural and rural development. Adequate infrastructure and technical knowledge are also required under Atma Nirbhar Bharat Abhiyan, particularly to balance the consequences of climate change and biodiversity loss. There is a need to prepare focused policies on the aspects like research and development, technology and infrastructure, training and capacity building of the departments for green implementation. Given the state's 'zero-emissions' commitment and climate action, such steps can give satisfactory results by the end of this decade.

## **Important schemes/ programme focused on environmental sustainability**

### **Department of Environment, Forest and Climate Change**

#### **Jal-Jeevan-Hariyali Abhiyan**

Bihar's tree cover area is expected to expand to 17% by the end of 2022. The state government has launched the Jal-Jeevan-Hariyali Abhiyan in this regard, with the goal of making the environment and the people who rely on it healthy and safe in the state. Under this, 3.89 crore saplings were planted by the Department of Environment, Forest and Climate Change in the state in the financial year 2021-22. Plant Tissue Culture Lab has been established in the districts of Bhagalpur and Araria (Kusiyargaon) to encourage bamboo cultivation, from which roughly 03 lakh bamboo plants can be obtained in the year 2022-23.

#### **Pollution Control**

Different types of pollution control activities are being done by the funds granted to Bihar State Pollution Control Board. Under this scheme, air monitoring centers and noise pollution measuring instruments are being set up in all the districts to check noise pollution. Apart from this, establishment of office-cum-lab under Purnia district is proposed. It is proposed to give a total of Rs 12.00 crore only grant to the Pollution Control Board, under which a total of 38 continuous ambient air quality monitoring centres will be established, operated and maintained, environmental audit work of Hajipur industrial area and environmental performance testing of thermal power plants located in Bihar through third parties will be done. Aside from that, the Bihar State Pollution Control Board is now working on establishing the state's first air laboratory.

#### **Dolphin Protection**

Bihar state is home to the country's sole dolphin sanctuary. This shelter stretches 60 kilometers along the river Ganga from Sultanganj to Kahalgaon in Bhagalpur district. A total of Rs 3052.00 lakh has been approved by the state government for the financial year 2020-21 to 2022-23 for the establishment of National Dolphin Research Center, Patna for research and testing on National Aquatic Dolphin. The construction of National Dolphin Research Centre, building is started in Patna. The interim office of this center is working in Patna.

#### **Eco-Tourism and Park Development**

The department has established a dedicated eco-tourism division to promote eco-tourism in the state. The nature-safari, which covers 250 acres and the zoo-safari, which covers 480 acres, is the state's first safari park in Rajgir for eco-tourism. The development and

maintenance of 133 parks transferred by the Urban Development and Housing Department, Bihar Government to different districts, as well as the creation and maintenance of parks in Patna, are proposed under this program. The maintenance work of 103 parks in Patna district is also proposed.

### **Project Tiger**

The Valmiki Tiger Reserve is declared as Tiger Reserve under West Champaran district of the state. It also includes Valmiki National Park and Valmiki Wildlife Sanctuary. The forest area is spread over 901.07 square kilometer. The number of tigers captured using the camera trap method in this area ranged from 26 to 106 in 2018-19. The Wildlife Institute of India, Dehradun, has been sent the census data and camera trap photographs from the year 2020-21. There is an estimate of an increase in the number of tigers in the reserve area based on the data obtained. The Valmiki Tiger Reserve has been recognized for its excellent commitment to tiger conservation by the International Institute of Conservation Assured Tiger Standard (Conservation Against Tiger Standard).

### **Project Elephant**

The annual action plans are implemented under the Elephant Project for protection, conservation and control, mitigation etc. from the straying wild elephants from the bordering states of Bihar state. Management of Elephant Rehabilitation Center under Valmiki Tiger Reserve, development of anti-poaching and infrastructure, capacity building, tribal sub-plan and control of human-elephant conflict in Supaul, Araria, Banka and Gaya districts from stray wild elephants from Jharkhand and Nepal etc. various relevant programs are being executed.

### **Alligator Protection**

A total 6 breeding centers of alligator have been identified in the Gandak River. In June 2020, 114 alligators were released into the Gandak river from these centres. In addition to alligators, the Gandak River is home to crocodiles, dolphins, tortoises, and a variety of fish. Many migratory birds also come during the winter season. In the Gandak River, it is intended to establish a conservation reserve for alligators and other aquatic species.

### **Wildlife Habitat Development**

There are three components under this centrally sponsored scheme: (1) Protection, Conservation and Management of Shelters, (2) Protection, Conservation and Management of wildlife in outlying areas, and (3) Protection, Conservation and Management of Threatened Wildlife/Aquatic animals. Immunization, numerical survey, transit shelter, monitoring patrol, water system and community conservation of Threatened Garuda bird species in the Gangetic region of Bhagalpur district and wildlife black bug population available between Kaimur hill and Gangetic plain agricultural dominated area in Bhojpur, Buxar, Rohtas, and Kaimur districts, protection of peacock bird in Aran village of

Saharsa district and immunization of bear and deer species available in outer forests and adjacent areas of natural forest / shelter , protection and rescue work from human-bear conflict and management of situations of human-wildlife conflict from various stray and injured wild animals, redressal, mitigation and rescue of wild animals etc. are being executed.

## **Wildlife Conservation**

A total of 3550.31 sq km of natural forest, 1 tiger reserve, 1 Ganges dolphin, 6 wildlife shelters and 5 bird shelters, 2 conservation reserves, and 1 community reserve have been declared in Bihar for the protection and promotion of wildlife. Three of these are designated as major wetlands: Kanwar Lake Bird Sanctuary (Kanwar Tal), Kusheshwar Sthan Bird Sanctuary, and Salim Ali Jubba Sahni Baraila Lake Bird Sanctuary (Barela Tal).

## **CAMPA Fund**

The Government of India, through the National CAMPA Authority, has to build micro watershed areas and other necessary structures for the development of forests, water conservation. Under this, grassland is being developed in a total of 480 hectares for the protection and conservation of forest animals.

## **Forestry Outside Natural Forests**

Under agro-forestry, plantation work will be done by the farmers on the raiyati land and nursery will be established on the land of the farmers. Apart from this, 5 lakh saplings are being prepared in departmental nurseries, which will be nurtured. A total of 155.00 lakh saplings are targeted to be planted in agro-forestry, roadside, river bank, urban forestry and other places under forestry outside natural forest.

## **National Forestry Program**

This scheme is a centrally sponsored scheme run by the Ministry of Environment, Forest and Climate Change, Government of India. Under this scheme, schemes related to improving the quality of forests and increasing the income of local communities and providing employment are implemented through public cooperation in the notified forests of the state.

## **Development of Natural Forests**

Traditional forest land, soil water conservation, rehabilitation of degraded forests and rehabilitation done in the past will be maintained. In the FY 2022-23, 73.84 lakh saplings were planted under this scheme to mitigate the detrimental consequences of climate change. In the financial year 2022-23, preparations would be made to plant 60 lakh seedlings for the development of natural forests under tree plantation, with planting to take place in the financial year 2023-24. Apart from this, soil and water conservation works will be done in 3000 hectares.

## **Urban Development and Housing Department**

### **Jal-Jeevan-Hariyali Abhiyan**

Under this scheme, the restoration work of 127 ponds/puddles has been completed so far against the target of rejuvenation of 332 ponds/puddles. Rain water harvesting work has been completed in 422 buildings owned by the Department of Urban Development and Housing. The construction of soak pits near 9722 hand pumps has been completed against the targeted 10870 hand pumps. Apart from this, the construction of soak-pits near 3330 wells out of the targeted 3720 public wells has been completed. Against the target of restoration of 4040 wells, the restoration work of 3689 wells has been completed.

### **Solid and Liquid Waste Management (Saat Nischay-2)**

Under solid and liquid waste management, the solid and liquid waste will be disposed of separately in the municipal bodies in different scientific ways. Aside from that, the state's numerous municipal bodies are conducting waste management as part of a special cleanliness campaign. Construction of toilets and solid waste management are carried out under this scheme. Under this, the construction work of 405382 toilets has been completed so far against the target of 410016 toilets. 100 percent door-to-door collection and source segregation of waste is being done in 141 municipal bodies and out of total collected 4992.33 (TPD) Ton per day, 27.43 percent (1369.42 TPD) waste has been processed. 57 (MRF) Material Recovery Facility in 35 municipal bodies and 141 Waste to Compost centers are operating in 79 municipalities. In Patna, an MRF Center for plastic waste processing with a capacity of 05 (TPD) Ton Per Day has been developed in collaboration with UNDP. A publicity campaign is being run with the aim of reducing/ eliminating the use of plastic carry bags and single use plastics. Approximately 60% of the work for the disposal of legacy trash through bio-mining from Bairia, which is located in the major Patna urban region, has been completed. Simultaneously, work is being done on new possibilities for the management of home and market garbage, such as the Atmanirbhar ward and cleanliness polling.

### **Storm Water Drainage System (Saat Nischay-2)**

Under Storm Water Drainage System, to solve the problem of water logging drainage system will be developed in the municipal bodies which would help in proper drainage of water and maintenance of cleanliness. The scheme would be implemented in 18 municipal areas across the state in the first phase, accordingly to the specified priority.

### **Moksha Dham Nirman (Saat Nischay-2)**

Under Moksha Dham Nirman , Saat Nischay-2, electric/traditional crematorium will be built for cremation for cremation, so that dead corpses would be cremated in a scientific manner.

This will aid in the reduction of pollution in the environment. Under this scheme, approval has been given to construct Moksha Dham at 35 district headquarters/major river ghats.

### **Construction of Drainage, Sewerage, and Other Sanitation Project**

Storm water drainage schemes are being implemented in the Municipal Corporations of Darbhanga, Katihar, Sasaram, and Chhapra, as well as the Municipal Councils of Saharsa and Phulwari Sharif, to address the problem of water logging. Under this, other small schemes are also implemented for the municipal bodies.

### **Mukhya Mantri Shahri Nali-Gali Pakkikaran Nishchaya Yojana**

Under Mukhya Mantri Shahri Nali-Gali Pakkikaran Nishchaya Yojana, below 10 feet wide lanes are paved using paver blocks which is very important with water recharge viewpoint. Under this scheme, against the target of 3369 wards, work has been completed in 3146 wards. Around 826446 houses are benefitted by this.

### **AMRUT Mission**

Under Mission for Rejuvenation and Urban Transformation (AMRUT) scheme, the scheme for construction of parks in 27 municipal bodies of the state, tree plantation and green space development, storm water drainage in 03 municipal bodies, water supply scheme in 21 municipal bodies are being implemented. This scheme will allow drainage of water and maintaining cleanliness. Ground water storage and recharge pits are also being constructed under water supply scheme, under which a provision has been made for construction of a recharge pit near each of the installed stand post.

### **Patna Metro Rail Corporation**

Two corridors have been selected in Patna under the proposed project. Corridor-I which starts from Danapur passes through Jawahar Lal Nehru Marg (Bailey Road), Patna Railway Station, Mithapur till Khemnichak. Its total length is 17.933 km. Corridor-II which starts from Patna Railway Station and goes to Patliputra Bus Terminal via Akashvani, Gandhi Maidan, Ashok Rajpath, Moinulhak Stadium, Malahi Pakpi Bypass, Khemani Chak, Zero Mile. Its total length is 14.554 km. DMRC has started the construction work in the priority section of the Corridor-II. Civil tender for the remaining part is being evaluated. So far, 860 Working Piles, 50 Piles Caps and 31 Piers have been completed.

### **DAY-NULM Scheme**

Under the Deendayal Antyodaya Yojana-National Urban Livelihoods Mission (DAY-NULM) scheme, cloth bags are being manufactured and made available in the market by urban women belonging to self-help groups for environmental protection. The Department of Urban Development and Housing took this action as an alternative to plastic bags for environmental reasons and to help urban women become financially self-sufficient. Apart

from this, keeping in view the environmental protection in the shelter sites operated under this scheme, provision has been made for rainwater harvesting for water harvesting in all the shelters.

### **Smart City Mission**

Solar power plants have been/are being installed at 19 buildings/sites under Patna Smart City Scheme, so that 913 kWh of electric power can be obtained. Under Biharsharif Smart City Scheme, 26 buildings/sites Solar Power Plant has been/is being installed, so that 140 kWh electric power can be obtained. Under Bhagalpur Smart City Scheme 07 buildings/sites Solar Power Plant has been/is being installed, so that 336 KWh electric power can be obtained.

## **Transport Department**

### **Bihar Clean Fuel Scheme**

With the objective of controlling vehicular pollution in Patna Urban Area, plying of diesel three-wheelers has been restricted in Patna municipal corporation Danapur Municipal Council, Phulwari Sharif Municipal Council and Khagaul Municipal Council, with effect from 31 March 2022. Bihar Swachh Fuel Yojana has been implemented with effect from 07 November 2019 in order to encourage the operation of CNG powered and electric driven three wheelers in these areas. Under this scheme, a lumpsum subsidy of Rs 40,000 only is provided for replacing any petrol and diesel three-wheeler of up to 7 persons sitting capacity (including driver) with CNG three-wheeler. A lumpsum subsidy of Rs 25,000 is provided for replacing any petrol and diesel three-wheeler of up to 7 persons sitting capacity with Battery operated three-wheeler. A lumpsum subsidy of Rs 20,000 is being provided for retrofitment of CNG kit to any petrol and diesel three-wheeler with sitting capacity of upto 7 persons. A lumpsum subsidy of Rs 20,000 is being provided for retrofitment of CNG kit to any commercial motor cab and maxi cab. For the above, a budget provision of Rs 2000.00 lakh has been made in the FY 2020-21. A total of Rs 30,88,000 in subsidy has been paid to the beneficiaries of 241 vehicles so far. Subsidy amounting to Rs 1,23,20,000 has been paid to the beneficiaries of a total of 476 vehicles till 31 January 2022. In Patna, an expenditure of Rs 73.00 lakh has been made for replacement of 294 diesel-powered three wheelers with CNG-powered or battery-powered three wheelers. Remaining amount Rs 427.00 lakh likely to be spend in future.

### **Conversion of Diesel Buses to CNG Buses**

Diesel buses plying under city bus service are being converted into CNG by Bihar State Road Transport Corporation and CNG buses are being purchased. and CNG buses are being purchased. In the FY 2021-22, a total budgetary provision of Rs 40 crore has been provided for the procurement of buses by BSRTC, with a total expenditure of Rs 11,41,50,000 on CNG buses. A total budgetary provision of Rs 20 crore has been made for

the purchase of bus for FY 2022-23 (In the light of the purchase of 50 CN buses, an expenditure of Rs 1141.50 lakh is to be made and addition to this there is possibility of expenditure of Rs 3000.00 lakh for the purchase of 100 CNG buses. Apart from this, 28 diesel buses are to be converted into CNG).

## **CNG Filling Stations**

GAIL (India) Ltd. has set up 5 nos. CNG stations at different places of Patna city, by which CNG is being supplied to CNG autorickshaws and cars. Set-up of additional CNG filling stations is under process. CNG Filling station in Begusarai too has started.

## **Electric Bus Transportation**

BSRTC is operating 25 electric buses in Patna urban area under the FAME-II project from FY 2020-21. A seven-year agreement has been signed with M/s Ashok Leyland to operate the said buses under OPEX model. The project's overall cost over seven years is Rs.104.58 crores

## **Green Tax on 12+ Years Old Vehicles**

According to sub-section (6) of section 5 of the Bihar Motor Vehicles Act, 1994, added into it through publication in the Gazette on 9th April, 2010 with the objective of environment conservation, green tax equivalent to 10 percent of the total tax including additional tax is payable by every owner of any 12+ years old vehicle other than three-wheeler, tractor and trailer.

## **Restriction on 15+ Years Old Government and Commercial Vehicles**

Gas and dust emission from vehicles is one of the main reasons of air pollution. Therefore keeping in mind the public interest, plying of all the 15+ years old vehicles of the state government have been restricted vide the departmental notification no. 8116, dated 05 November 2019. Aside this, with the objective of decreasing air pollution, all types of commercial vehicles older than 15 years, emitting more polluting gas in the limits of Patna Municipal Corporation, Danapur Municipal Council, Khagaul Nagar Parishad and Phulwari Sharif Municipal Council area, have been restricted vide departmental notification no. 8145, dated 06 November 2019.

## **Establish Pollution Under Control Centres**

In order to decrease the vehicular pollution, more pollution control centres are being opened under the provision of Motor Vehicle Act. In order to actuate it, District Transport Officers have been delegated with the power of issuing licenses for pollution control centres. As many as 1123 nos. pollution control centres have been opened in the state so far. The issuance of pollution control certificates has also been made online. With this provision, the data of the vehicles undergone pollution test will be safe and inquiry of defaulter vehicles will become easy.

## **Mukhya Mantri Gram Parivahan Yojana**

In this respect, with the objective of promoting pollution-free transportation, e-rickshaws were recognised to be purchased under this scheme vide the transport department notification no. 6297, dated 08 August 2019. Under this scheme, there is a provision to provide to the selected beneficiary 50 percent subsidy on purchase price of an e-rickshaw not exceeding Rs 70,000. In the FY 2020-21, a sum of Rs 4.73 crore has been paid as subsidy on purchase of e-rickshaws against the budget provision of Rs 150 crore for Mukhya Mantri Gram Parivahan Yojana. In the FY 2021-22, a total budgetary provision of Rs 170 crore has been made. For the FY 2022-23, a total budgetary provision of Rs 105 crore has been made. About 800 E-Rickshaws are likely to be procured.

## **Vehicles Scrappage Policy**

For the purpose of reducing vehicular pollution and environmental protection, all types of registered vehicles which are in dilapidated condition or vehicles have been destroyed or in the hands of scrap by Transport Department's notification number-5124, date 30 June 2020 has been sold or kept, has been destroyed or has not been able to operate due to any other technical reason or such private or commercial which is capable of operation but being more than 15 years old, the owner of the vehicle is liable to destroy the above vehicle. For those who want to cancel the registration, the scheme has been brought by giving relief in arrears and penalty to the vehicles.

# **Agriculture Department**

## **Climate Resilient Agriculture**

To make Bihar state able to face regular droughts and floods, the Agriculture Department resolved to adopt climate resilient farming practices. Since the launch of this project in 40 villages of 8 districts in the year 2019, so far more than 100,000 farmers in Bihar have become familiar with this method. The project was extended to 190 villages in 38 districts in 2020. At the initial stage, 14 cropping systems have been identified under this scheme.

## **Jaivik Kheti Protsahan Yojna**

Organic farming is being promoted in the state under the organic corridor scheme. Under horticultural crops, area expansion scheme for seasonal and perennial crops is being implemented. Emphasis is being given on farming of medicinal and aromatic plants use of drip irrigation.

## **Paramragat Krishi Vikas Yojana**

The main objective of this scheme is to encourage the use of traditional resources of

organic farming, to link organic products with the market, cluster to promote organic farming and PGS certification to develop organic villages. This scheme requires 50 or more farmers to take up organic farming in a cluster of 50 acres of land, to provide each farmer with Rs 20000 per acre of assistance from seed to harvest, branding, packaging, and marketing of the product for three years, and to increase domestic production and certification of organic products with farmer cooperation.

## **Land Conservation**

Construction of different types of structures related to land and water conservation, training on plantation, formation of SHGs, programme for landless farmers, and production system etc. Sprinkler/ drip irrigation scheme, pucca check dams, anti-sediment bunds, restoration of ahars, bunding, statueguard trenching and plantation etc.

## **Agriculture Road-map**

The program for all-round development of the agriculture sector is being implemented through the Agriculture Road-map in the state. The first Agriculture Road-map was implemented from the year 2008 to 2012. The second Agriculture Road-map was implemented in the period 2012 to 2017. The third Agriculture Road-map is being implemented. Crops and horticulture, as well as animal and fish resources, rural work, water resources, minor water resources, cooperatives, the sugarcane industry, land reforms, storage, energy, the environment, and forest initiatives, are all covered in the third Agriculture Road-map. A vision, strategy, and plans and milestones for each sector have been established as part of the Agriculture Road-map. The next term of the Road-map is in progress and expected to present by end of this financial year.

## **Pradhan Mantri Krishi Sinchai Yojana**

The main objective of this scheme is to increase the access of water in the fields and to increase the irrigated areas under assured irrigation (Har Khet Ko Pani), to improve the water use efficiency in the fields, adoption of micro irrigation and other water saving technologies (More Crop Per Drop), to ensure integrated development of rainfed areas using watershed approach and to promote extension activities related to water harvesting and water management.

# **Building Construction Department**

## **Jal-Jeevan-Hariyali Abhiyan**

For all the government buildings, arrangement of rain water harvesting is being made for ground-water recharge. Plantation is being promoted and the trees disturbing the construction are being translocated and replanted instead of being cut.

## **Eco-Friendly Building Construction**

As far as possible, the building construction department is using environment friendly construction materials in proposed/ under construction buildings. 100% flyash bricks are being used instead of traditional brick-kiln bricks. Reflective glasses and paints are being used. Solar panels, sewerage treatment plants etc. are being promoted.

## **Building Energy Efficiency**

LED bulbs are being used for lighting of buildings. Inverter ACs with 4/5-star rating are being used for air-conditioning. Arrangements are being made to ensure timely switching off of electric appliances/ bulbs in the public infrastructure. Action is being taken at building construction department level to get green rating certification for important newly constructed buildings like Sardar Patel Bhawan, Samrat Ashok Convention Centre, Bihar Museum, Abul Kalam Science City etc. Action is being taken to install solar panels on the roofs of government buildings/offices. Under waste water management, the purified water through STP is being used in horticulture etc.

# **Education Department**

## **Green Educational Institute Construction**

The Bihar Educational Infrastructure Corporation Limited has directed that the building be constructed in such a way that the house is skylighted and there is only a minimal amount of electricity used throughout the day. Solar lights are being arranged on the roof.

## **Rain Water Harvesting**

Rain water harvesting system is being constructed in the identified schools in the second phase under the primary schools of the state. For this, the education department has fixed Rs 80,000 per school.

# **Information and Public Relations Department**

## **Regional Publicity**

In order to take the message of Jal Jeevan Hariyali Abhiyan to the people and make it a mass campaign, the Information and Public Relations Department has used all kinds of publicity media including hoarding-flaxes, advertisements in newspapers, street plays, social media. and continuous publicity work is going on. The damage caused by major crop residues, as well as other publicity-related steps to avoid it, are included in the financial year 2022-23, and Rs 4.11 crore has been set aside under the Green Budget for the above activities.

## **Minor Water Resources Department**

### **Jal-Jeevan-Hariyali Abhiyan**

Under the Jal-Jeevan-Hariyali scheme, there is an emphasis on encroachment-free and rejuvenation by marking public water harvesting structures and ahar-pynes larger than 1-acre area and ponds/water bodies larger than five acres. Check dams and water harvesting and other structures are being constructed in small rivers and streams and in the catchment areas of hilly areas (except forest land). So far 40 schemes of Garland Trench have been identified in the state's plateau region. Detailed plan reports of 39 schemes have been prepared, administrative approval has been given for 16 schemes, the estimated amount of which is 3253.60 lakhs, out of which work on 04 schemes is in progress. In the FY 2022-23, in addition to the remaining work of the ongoing schemes, the target is to get the work done of about 350 new schemes of Ahar-pyne/pond/check dam and garland trenches.

### **Har Khet Tak Sinchai Ka Pani**

In this mainly schemes related to Ahar-pyne and ground water check-dam/weir are taken. There are total 93 schemes whose estimated amount is Rs 161.912 crore. With its implementation, irrigation potential of 26090 hectares will be created. All the above schemes fulfill the purpose of water harvesting and groundwater recharge along with irrigation restoration/generation and prove to be helpful in reducing the consequences of climate change and establishing ecological balance.

Ground Water Resources Assessment was done by CGWB, the Government of India in the year 2017, according to which 102 blocks of the state were in Overexploited, Critical and Semi & Critical Zone. The Jal-Jeevan-Hariyali campaign began in 2019, and as a result, the number of overexploited, critical, and semi-critical zone blocks in the state has decreased to 63, according to the Ground Water Resource Assessment for 2020.

## **Rural Work Development**

### **Pradhan Mantri Gram Sadak Yojana**

6-8% of waste plastic in ratio of the weight of bitumen is being used for construction of black roads. Under PMGSY-I and PMGSY-II, 821 nos. roads (with total 2741.541 km road length) have been approved, out of which 746 nos. roads (with total 2215.527 km road length) have been completed.

## **Sugarcane Industries Department**

### **Ethanol Based Power Unit Package**

As an incentive package in the state, grants are paid for the establishment of ethanol production and power units as well as capacity expansion in new sugar mills, which are as follows. Under this, 20% grant or 5 crore whichever is less, will be payable on fixed capital investment for establishment of new distillery/ethanol unit of minimum 30 KLPD capacity and expansion of working distillery/ethanol unit with minimum 15 KLPD capacity. Establishment of new co-power unit of minimum 10 MW and working co-power generation unit with minimum 5 MW will be payable on fixed capital investment, 20% grant or Rs.15 crore whichever is less.

## **Tourism Department**

Water supply work in Abhishek Pushkarni Sarovar will be done from Vaishali branch canal. Presently the said lake is full of silt. It is critical to establish provisions for water supply in this lake from both a technical and environmental standpoint. In the FY 2022-23, the expenditure of this scheme was likely to be Rs. 4,000,000 .The implementation of this scheme is being done from the point of view of environmental protection.

## **Water Resources Department**

### **Ganga Jal Apurti Yojna**

In order to neutralize the ill effects of the impending climate change, the Ganga Jal Supply Scheme is being implemented by the Water Resources Department for drinking water supply in the cities of Rajgir, Gaya, Bodh Gaya and Nawada under Jal-Jeevan-Hariyali Abhiyan. Under this scheme, there is a provision to transfer, store and modify the water of river Ganga through pipe during the monsoon period with the view to create new water sources and supply water from surplus river water area to deficient areas, whose construction is completed. with completion of this ambitious plan of the Water Resources Department, along with ensuring the availability of drinking water, this scheme will have a far-reaching impact on the environment of the area. The falling ground water level in these districts will be restored and it will help in establishing environmental balance. This scheme was inaugurated on 27-28th Nov. 2022 by the Hon'bl Chief Minister, Shri Nitish Kumar.

### **Gaya Ji Dam**

The historical and religious importance of Gaya city located on the Falgu river under the state of Bihar is established not only at the national level but also at the international level. A provision of rubber dam has been made in this scheme, which is the first of its kind in the state. Under the scheme, along with water conservation, beautification of ghats and

environmental promotion will also be ensured. The design and graphics of various components of the scheme have been decided under the supervision of technical experts of IIT Roorkee. With this rubber dam built at a cost of about 312 crore, there will be water in the Falgu river throughout the year. The rubber dam is 411 mtr. long and 3 mtr. high. based on modern technology, this rubber dam has been named as "Gaya Ji Dam". This scheme was inaugurated on 9th september 2022 by the Hon'bl Chief Minister, Shri Nitish Kumar.

## **Major and Medium Irrigation Scheme**

As against 53.53 lakh hectares that can be created through major and medium irrigation schemes, 37.14 lakh hectares of irrigation potential was created till March 2021. Total in the year 2021-22, additional irrigation potential of 7,532 hectares is likely to be created. As a result, a total irrigation potential of 37.217 lakh hectares will be created by March 2022. In the year 2022-23, a target has been set to create additional irrigation potential in an area of 140 thousand hectares.

## **Har Khet Tak Sinchai ka Pani**

Under the 7-Nischay Phase-2 of the State Government, the work of joint technical survey was completed by running a campaign for the selection of schemes in the entire state and a total of 29,952 schemes were selected in about 6 months. An estimated Rs 6,504 crore will be spent on the implementation of the schemes and irrigation facility will be developed in an area of 7 lakh 79 thousand 201 hectares. In the selected schemes, 661 other schemes are to be implemented by the Water Resources Department under major and medium irrigation schemes, on which a total expenditure of Rs.397.09 crore is estimated and the benefit of irrigation is likely to be available in 01 lakh 25 thousand 537 hectares. As of now detailed project reports of 427 schemes have been received out of which administrative approval of 403 schemes have been issued and 9 schemes are under progress.

## **Flood Protection and Drainage Scheme**

The embankments were kept secure before the flood of 2021 by implementing 317 extra flood protection/erosion anti-erosion measures. 01 plan has been completed as part of the flood management programme. 172 other projects were completed using funds provided by the Disaster Management Department. Before flood season of the year 2022, total number of 314 anti-erosion work were completed out of 334 number of sanctioned work.

## **Command Area Development and Water Management Programme**

Under this, the work of micro irrigation scheme, construction of field irrigation drain, restoration of canal system up to 150 cusecs, training of farmers and workers etc. is done. In the year 2021-22, the target is to complete the construction of farm irrigation drain in an area of 3750 hectares. A total program of Rs 39.15 crore is proposed in the year 2022-23.

## **Taal Kshetra Vikas Yojna**

Under this, an ambitious plan has been prepared by the Water Resources Department for better use and management of water of Taal area located in Nalanda, Sheikhpura and Lakhisarai districts, under which construction of 5 anti flood sluice gates, 2 embankments at the northern and southern ends, and Zamindari dams are to be upgraded and strengthened. The plan also envisages developing fish and aquaculture production by deepening the existing reservoirs in the Taal area and effective drainage system from the small local pines leading to the Taal. With the completion of these projects, it will be possible to attain a Crop Intensity capacity of over 215 percent by utilising the most efficient use of surface and ground water. Under scheme construction of 127 km. embankment, 3 number of barrage, 11 number of weir, in addition of 56 number of check dam, base cleaning of 74 number of pynes and construction of 229 number of box culverts has to be done.

## **Abhishek Pushkarni Sarovar**

Abhishek Pushkarni Sarovar is a historical and religious place near Vishwa Shanti Stupa in Vaishali district, where the department has taken the initiative to provide water from Vaishali branch canal to Abhishek Pushkarni Sarovar through pressure pipe (5.50 km in length).

# **Animal and Fisheries Resources Department**

## **Matsya Palan Yojna**

The main objective of this scheme is to increase the intensive fisheries with mechanically controlled “Biofloc” and “RAS” techniques in areas with low rainfall and water scarcity. Compared to traditional fisheries, this technique can achieve more fish production in less space and less water. With this, where there will be awareness of “techno-inclusion” in fisheries among the farmers, it will also prove helpful in doubling the income of fish farmers by creating employment opportunities on a large scale. In the financial year 2022-23, 100 biofloc and 38 RAS units will be installed under the said scheme, on which an expenditure of Rs 497.25 crore is expected.

## **Mukhyamantri Samekit Chaur Vikas Yojna**

Under the Saat Nischay-2 (2020-2025) of self-reliant Bihar, the government has resolved to develop the four areas located in the state on a large scale. To make fisheries fit by developing undeveloped and untapped private chaur land available in the state. The convergence of agriculture, horticulture and agro-forestry along with fisheries in four resources will increase production and productivity. With the implementation of the scheme, along with fish production, the ground water level will also increase. Implementation of this scheme In the current financial year 2022-23, a total of 600 hectares of square land is proposed to be developed, out of which 500 hectares beneficiary based (325 hectares of other classes, 90 hectares of backward classes, 80 hectares scheduled castes and 05 hectares scheduled tribes) and 100 hectares is proposed for entrepreneur based beneficiary, whose inter-category change can be done under the total set target.

## **Bihar State Reservoir-Fisheries Policy 2022**

Bihar is a state rich in various types of water resources, in which pond / puddle, mana, chaur, river, reservoir etc. are prominent. There are 37 reservoirs in Bihar, which are spread over 26,000 hectares. There are about 30,000 water bodies (pond/puddle, mana, chaur and lake etc.) under the control of fisheries division in the state, which are arranged under the "Bihar Water Management Act" with the block-level fisheries cooperation committees. The management of reservoirs located in some districts of the state (Banka, Nawada, Jamui, Lakhisarai, Munger, Rohtas etc.) is under the Water Resources Department. The mentioned department has worked with private individuals to settle these reservoirs, however the production/productivity is far from sufficient. As a result, a unique policy is required to improve the management of these reservoirs. The implementation of several state government schemes in other water sources has resulted in an increase in fish productivity and production over the past several decades, but due to the reservoir's lack of fisheries rights, the fisheries development couldn't be like other states. With the fisheries rights being under the Department of Animal and Fisheries, the entire water source of the reservoir can be used for fish production. In May-2020, a no-objection certificate has been given by the Water Resources Department for fisheries through cage culture in the state's reservoirs. The majority of the state's reservoirs are tiny and medium-sized, with fish productivity of only 4.92 kg/ha/year. The productivity of the country's small and medium reservoirs is around 50 kg/ha/year, but their production capacity is 250 kg/ha/year. In such a context, "Bihar State Reservoir Fisheries Policy" is proposed in light of the necessity for "policy" for the overall fisheries development of the state's reservoirs, so that proper reservoir fisheries development can be accomplished through scientific management.

## **Energy Department**

### **Jal-Jeevan-Hariyali Abhiyan**

Jal Jeevan Hariyali Abhiyan includes installation of grid connected rooftop solar power plants on rooftops of government buildings in the state, installation of solar street lights in urban and rural areas, conversion of off grid rooftop solar power plants into grid connected rooftop solar power plants. It also includes Repair and Maintenance, Installation of Solar Power Plant under Canal Top and Canal Bank in the State, Installation of capacity floating solar power plant in Supaul district of the state, survey of ponds/reservoirs for installation of floating solar power plant on government ponds/reservoirs in the state, feasibility study etc. and implementation of installation of the plant.

### **Solar Street Light Installation**

In the FY 2022-23, the installation of 109 nos. solar street lights and solar high-beam lights in the state of Bihar is proposed to be implemented. Rs. 0.999 crore will be spent on this scheme from the state head.

## **Canal Top and Canal Bank Solar Power Plant**

In the FY 2022-23, installation of 6 MWp canal top and solar power plant under canal bank is proposed to be implemented under state plan. Rs. 43.82 crore will be spent on this scheme from state head.

## **Bihar State Jal Vidyut Nigam**

Government of Bihar has taken decision to complete those projects in which either 50 percent or more work completed or cost of generation is less than Rs. 5.00 per unit. 12 nos. of incomplete/ under construction projects comes in this category, out of which 11 nos. are small hydro projects and is escape arrangement for Dehri (4x1.65MW) SHP. Till FY 2018-19 Rs. 90.00 Crore has been released to BSHPC for execution of the work. Rs. 12.54 Crore has been released in FY 2019-20, now Rs. 51.23 crore will be required in F.Y. 2022-23. Accordingly, requisition has been made. There are 13 (Thirteen) running Hydel Projects on Sone Canal System, Gandak canal system and Kosi canal system. The total installed capacity is 54.3 MW. Restoration, operation and maintenance of 3 (three) HEPs installed on Gandak canal system and Kosi because system has been awarded to the agency under new operation and maintenance policy. Restoration of all the units of Dehri and Barun is to be done on minimum expense to increase generation from these projects during 2022-2023. Repair of boundary wall of all thirteen power houses, & residential buildings of Dehri, Barun, Valmikinagar & Nasariganj colonies including renovation of Inspection Bungalows at Dehri, Barun, Valmikinagar & Birpur. Accordingly, requisition has been made for Rs. 5.00 Crore for FY 2022-23

## **Niche Machhali Uper Bijli**

The objective of the scheme is to utilize the reservoir areas as well as avoid inconvenience of government expenditure, time and land area constraints/ problems associated with land acquisition. The use of this scheme has very less environmental impact as compared to conventional energy. Along with fish farming, electricity generation can also be done in the said reservoir, due to which farmers will get employment opportunities along with prosperity.

## **Floating Solar Power Plant**

In order to utilize the local water bodies for power generation, the government has started a 2 MW floating solar power unit in Darbhanga district. This will create around 2.7 million units of power per year, which will cut carbon dioxide emissions by more than 64,000 tonnes. There will be a saving of 3.5 acres of land for generating one MW of electricity.

## **Grid Connected Rooftop Solar Power Plants**

Under the Jal-Jeevan-Hariyali Abhiyan, the scheme for installation of Grid Connected Rooftop Solar Power Plants on government buildings of 60 MWp capacity in the state of Bihar will be implemented under the State Plan head in the financial year 2022-23 Rs. 279.64 crore is proposed to be spent on this scheme from state head.

## **Rural Development Department**

### **Mahatma Gandhi National Rural Employment Guarantee Scheme**

Works related to Natural Resource Management (NRM) under MGNREGA contribute the environment and part of green budget. These components are also a part of Jal-Jeevan-Hariyali Abhiyan. The following works are related to environmental health: 1. Water conservation works, Water management works, Irrigation works, Renovation of traditional water bodies like ahar and pynes, Afforestation (Plantation works and nursery development) and Land development works, 2. Improving productivity of lands and Improving livelihoods through infrastructure development like vermin compost, azola tanks etc; development of follow/waste lands, promotion of fisheries and livestock plantation works in MGNREGA has been done in large numbers during last two years. In FY 2020-21, 1.13 crore plants have been planted under MGNREGA, followed by 1.52 crore plants in FY 2021-22, i.e. 2.65 crores of plants have been planted through MGNREGA. Plantation target of 1.61 crores plants for FY 2022-23. 3. Didi ki nursery is one of the initiatives for supply of local varieties quality plants in MGNREGA, where plant saplings are grown nurseries by Jeevika members. Till date 167 nurseries are active where 20.97 lakh plants saplings are being grown.

### **Lohiya Swachh Bihar Abhiyan Phase II**

Lohiya Swachh Bihar Abhiyan under Phase-II has been uniquely designed to leverage the capacity of individuals and communities in rural Bihar to create a people's movement to ensure the ODF sustainability, people continue to practice safe hygienic behaviour and that all villages have solid and liquid waste management arrangements. Based on learning from the pilot SLWM project in 36 Gram Panchayat initially, now in 1672 Gram Panchayat solid and liquid waste management implementation has been initiated.

Under Lohiya Swachh Bihar Abhiyan - Phase II, in FY 2022-23, following target is set-up to achieve overall goal of 'Swachh Gaon-Samridh Gaon' nischay: To facilitate new and migrant family for providing them access of individual toilet, 9.84 Lakh IHHL is proposed to be constructed, Community Sanitary Complexes continued to be construed in more than 5300 villages, More than 2400 Gram Panchayat is planned for the implementation of Solid and Liquid waste management (SLWM), Plastic Waste management – to address the issue of plastic waste in rural area, more than 220 Plastic waste management unit to be set-up in selected block of the state, Under GOBAR-Dhan scheme 15 districts are targeted to start bio-gas unit at community or cluster level, this will help to manage the agriculture and animal bio waste generated at village, Gaushala, Diary etc. Apart from this, Feacial Sludge management unit are to be initiated in more than 15 district to resolve and safely dispose feacial sludge in rural area.

## **Industry Department**

### **Ethanol Production Promotion Policy**

The state of Bihar is going to set up 17 ethanol production plants in the state which will have at least 35.2 million liters of fuel production capacity every year. These units will use sugarcane, jaggery, maize and rice to make ethanol and supply it to oil companies for blending into petrol and later diesel. Under this, emphasis will be given on human resource development, training and capacity building. For this, government and other institutions will be encouraged to conduct training programs at various levels so that availability of abundant human resource can be ensured in the bio-energy sector.

### **Industrial Area Development Authority**

Common Effluent Plant will be established in industrial areas. With this, the water of the rivers will be saved from getting polluted by the dirty water coming out of the industrial premises / area. Honorable N.G.T, in the light of the order of the court, a total of 10 CETPs in the industrial areas of the state of Bihar. Construction of Fatuha (District-Patna), Hajipur (District-Vaishali), Bela (Muzaffarpur), Barari (District-Bhagalpur), Patliputra (District-Patna), Growth Center (District-Aurangabad), Growth Center, Gidha Industrial Area, to be done at Sikanderpur, Bihta, Industrial Area, Donar, Darbhanga.

## **Public Health and Engineering Department**

From the initial stages of the “Har Ghar Nal Ka Jal” scheme, such materials are being used by the department which are as eco-friendly as possible. Along with this, tree plantation is being promoted around the planning site. And, keeping in view the environment, public wells and soaking pits are being constructed under the “Jal Jeevan Hariyali” scheme.

## **Road Construction Department**

In the road construction projects, the alignment of roads is finalized in such a way that no trees are cut or less trees are cut. In case of tree cutting, approval is taken as per rules and instead of one tree, two trees are planted under compensatory afforestation. No felling of trees is done outside the proposed route. To save trees, minor changes are also made in the design in such a way that the environmental beauty can be restored. During the project, where the top layer of soil of agricultural areas and any other productive areas is to be removed, the soil up to the depth 150 mm is removed and deposited in the form of lumps within a limit of 2 meters. The acquired area or a part of the road is marked for depositing this top layer. This soil is used to fill the pits within the acquired area, to fill the acquired temporary land, to fill the pit created from the cut soil in the farmers' fields. The already existing water sources/water streams are restored to their original or better condition. Water sprinkling arrangements are made in the road construction area to prevent dust from flying. A sprinkler system is installed to prevent dust from blowing up when the crusher is used.

**Table 10- Department-wise green budget summary of identified schemes/ programmes**

**Category 'A' - Green Budget Estimate 100% (Fully Dedicated)**

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022 -23					Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23			
Actual Budget	Actual Green Budget Estimate	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate	Programme/Scheme main Objective	Environment Sustainability Relevance	SDG Tagging	Activity Tagging	
<b>Department of Environment, Forest and Climate Change</b>									
1	19-2406011010109 Rehabilitation of degraded forests	200.00	200.00	895.00		Conservation of traditional forest land, soil, water conservation, rehabilitation of degraded forests and sustenance work done in the past will be done. Under this scheme 73.84 lakh saplings were planted in the financial year 2020-21 to reduce the negative effects of climate change. Advance work will be done to plant 60 lakh saplings for the development of natural forests under tree plantation in the financial year 2022-23, in which plantation will be done in the financial year 2023-24. Apart from this, soil and water conservation work will be done in 3000 hectares.	Natural Resource Management Climate Change Mitigation and Adaptation Sustainable Use of Land	SDG 13 SDG 15	Programme Implementation Training and Capacity Building
2	19-2406017890101 Rehabilitation of degraded forests	2207.80	2207.80	4500.00	1200.00				
3	19-2406017980103 Rehabilitation of degraded forests	448.86	448.86	605.00					
4	19-2406011010112 Development of Natural Forest				2182.00	2182.00			
5	19-2406017890105 Development of Natural Forest					1800.00	1800.00		
6	19-2406017960135 Development of Natural Forest					518.00	518.00		

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022 -23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging	(Rs in Lakh)
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23				
		Actual Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate						
<b>Department of Environment, Forest and Climate Change</b>											
7	19-2406018000101 Canal Embankment Farm (Nahar Tat Farm)	45.10	45.10	2261.00				Natural Resource Management	SDG 13 SDG 15	Programme Implementation Training and Capacity Building	
8	19-2406017890102 Canal Embankment Farm (Nahar Tat Farm)	273.99	273.99	1174.00	650.00	650.00		Climate Change Mitigation and Adaptation Sustainable Use of Land			
9	19-2406018000105 Road Side Farm (Path Tat Farm)	5163.91	5163.91	4385.00							
10	19-2406017890103 Road Side Farm (Path Tat Farm)	3274.86	3274.86	4000.00	853.00	853.00		Natural Resources	SDG 2 SDG 11 SDG 13 SDG 15	Programme Implementation	
11	19-2406011020109 Forestry outside natural forest area				4593.00	4593.00		Climate Change Mitigation and Adaptation Biodiversity and Ecology Sustainable Use of Land			
12	19-2406017890106 Forestry outside natural forest area				1800.00	1800.00					
13	19-2406011010111 Jal-Jivan-Hariyali	2898.18	2898.18	17000.00	8000.00	8000.00		Climate Change Mitigation and Adaptation Biodiversity and Ecology Sustainable Use of Land	SDG 11 SDG 13 SDG 15	Programme Implementation	

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Programme/Scheme main Objective			
Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate						
<b>Department of Environment, Forest and Climate Change</b>										
14	19-2406021120101 Eco-tourism and park development			8012.30	8012.30		Under the Eco-tourism and Park Development Programme, the development and maintenance of 133 parks transferred by the Urban and Housing Department, Government of Bihar in different districts and the development and maintenance of the parks located in Patna is proposed. Under this, maintenance of 103 parks is proposed in Patna district.	Pollution Reduction Waste Management Climate Change Mitigation and Adaptation	SDG 11 SDG 13 SDG 15	Programme Implementation
15	19-2406027890102 Eco-tourism and park development			1982.00	1982.00					
16	19-2406011050104 Pollution Control Board			2000.00	1200.00		Various types of pollution control works will be done for the Bihar State Pollution Control Board, which will reduce the effects of climate change. It is proposed a total Subsidies of Rs 12 crore only under which a total of 38 continuous ambient air quality monitoring centers will be established, operated and maintained, environmental audit work of Hajipur industrial area.	Pollution Reduction Waste Management Climate Change Mitigation and Adaptation	SDG 11 SDG 13	Programme Implementation Regulation and Enforcement Technology and Infrastructure

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23			
	Actual Budget	Actual Green Budget Estimate	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate					
<b>Department of Environment, Forest and Climate Change</b>										
17	19-4406010700102 Building Construction	4450.15	4450.15	8000.00	3500.00	3500.00	Construction of Zoo Safari at Raigir. Natural habitat will be made available to wildlife in this safari area. Awareness and publicity work will be done regarding wild animals.	Biodiversity and Ecology Sustainable Land Use Climate Change	SDG 15	Programme Implementation Education and Awareness Investment Training and Capacity Building
18	19-4406010700101 Roads and Bridges	165.00	165.00	200.00	500.00	500.00	Repair work will be done on the forest paths available in the forest areas of the state, which will be helpful in patrolling in the forest areas and will provide security to the forests.	Environment Management	SDG 15	Programme Implementation Technology and Infrastructure
19	19-2406021100121 Wildlife Conservation, Protection and Development	246.30	246.30	300.00	700.00	700.00	Protection, conservation and development work of wild animals in various wildlife sanctuary areas of the state.	Environment Management	SDG 15	Programme Implementation Education and Awareness
20	19-2406011050105 Plant Tissue Culture Lab				200.00	200.00	Producing high quality plants.	Biodiversity and Ecology	SDG 2 SDG 15	Programme Implementation Education and Awareness Research & Development

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging	
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23				
<b>Department of Environment, Forest and Climate Change</b>											
21	19-2406011050105 Project Tiger	595.97	595.97	638.60	604.70	604.70	604.70	Valmiki Tiger Reserve is declared as Tiger Reserve under West Champaran district of the state. It also includes Valmiki National Park and Valmiki Wildlife Sanctuary. Valmiki Tiger Reserve Forest area is spread in 901.07 square kilometer. In this area in the year 2018-19, the number of tigers done by the camera trap method has been found between 26 to 37. The number of Tiger in the reserve area has been found from 90 to 106. The census report and camera trap photos done in the year 2020-21 have been sent to Wildlife Institute of India, Dehradun. In the received data, there is an estimate of increase in the number of tigers in the reserve area.	Environmental Management Biodiversity and Ecology	SDG 15	Implementation Education and awareness Investment Research & Development Training and Capacity Building

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23			
<b>Department of Environment, Forest and Climate Change</b>										
22	19-2406021100326 Project Elephant	Actual Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate			In the state of Bihar, annual action plans are implemented under the Gaj project for protection, protection and control, mitigation, etc. from straying wild elephants from the border states. Management of Elephant Rehabilitation Center under Valmiki Tiger Reserve, anti Poaching and infrastructure development, capacity building, tribal sub-plan and control of human-elephant conflict in Supaul, Araria, Banka and Gaya districts from stray wild elephants from Jharkhand and Nepal. Various relevant Programmes etc. are implemented.	SDG 15	Programme Implementation Research & Development Training and Capacity Building

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23							Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Programme/Scheme main Objective	Environment Sustainability Relevance	
		Actual Green Budget Estimate	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate				
<b>Department of Environment, Forest and Climate Change</b>									
23	19-2406021100323 Integrated Wildlife Habitat Development	193.84	193.84	455.30	591.80	591.80	Environmental Management Biodiversity and Ecology	SDG 15	Programme Implementation Training and Capacity Building
24	19-2406021100327 National Aquatic Ecosystem Protection Scheme						Under this scheme, measures for habitat management and conservation of aquatic organisms will be taken.	SDG 14	Programme Implementation Training and Capacity Building Research & Development
25	19-2406041010304 Intensification of Forest Management	47.02	47.02	201.33	200.00	200.00	Infrastructural strengthening works will be done for fire protection and other protective work in natural forests.	SDG 13 SDG 15	Programme Implementation

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23							Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23	Programme/Scheme main Objective			
	Actual Budget	Actual Green Budget Estimate	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate						
<b>Department of Environment, Forest and Climate Change</b>											
26	19-2406041010305 National Bamboo Mission	98.15	98.15	57.00	35.00	35.00	Under this scheme, production of bamboo species, development of nurseries and promotion of bamboo-based items will be done.	Environmental Management Biodiversity and Ecology Sustainable Use of Land	SDG 2 SDG 13 SDG 15	Programme Implementation Education and Awareness Training and Capacity Building Research & Development	
27	19-2406047890301 National Bamboo Mission	13.34	13.34	40.00	25.00	25.00					
28	19-2406047960301 National Bamboo Mission	4.04	4.04	25.00	15.00	15.00					
29	19-2406041010301 National Forestry Programme						Schemes related to improving the quality of forests and increasing the income of local communities and providing employment will be implemented through public cooperation in the notified forests of the state.	Environmental Management Biodiversity and Ecology Sustainable Use of Land	SDG 8 SDG 13 SDG 15	Programme Implementation	
30	19-2406021100224 Project Tiger	626.23	626.23	2247.85	1751.00	1751.00	Valmiki Tiger Reserve is in the West Champaran district is spread in 901.07 square kilometer. The number of tigers in this area in the year 2018-19 was found between 26 to 37. The number of leopards in the reserve area ranged from 90 to 106. The census report and camera trap photos done in the year 2020-21 have been sent to Wildlife Institute of India, Dehradun.	Environmental Management Biodiversity and Ecology	SDG 15	Programme Implementation Education and awareness Investment Research & Development Training and Capacity Building	

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging	
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23				
	Actual Budget	Actual Green Budget Estimate	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate						
<b>Department of Environment, Forest and Climate Change</b>											
31	19-2406021100226 Project Elephant	1.48	176.38	516.65	516.65	In the state of Bihar, annual action plans are implemented under the Gaj project for protection, protection and control, mitigation, etc. from straying wild elephants from the border states. Management of Elephant Rehabilitation Center under Valmiki Tiger Reserve, anti Poaching and development of infrastructure, capacity building, tribal sub-plan and control of human-elephant conflict in Supaul, Araria, Banka and Gaya districts from stray wild elephants from Jharkhand and Nepal. Various relevant Programmes etc. are implemented.	Programme Implementation Training and Capacity Building Research & Development	SDG 15			

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022 -23						(Rs in Lakh)		
		2020-21	2020-21	2021-22	2022-23	2022-23	Programme/Scheme main Objective	Environment Sustainability Relevance	SDG Tagging	Activity Tagging
<b>Department of Environment, Forest and Climate Change</b>										
32	19-2406021100223 Integrated Wildlife Habitat Development	292.53	292.53	1606.09	1309.40	1309.40	There are three components under this centrally sponsored scheme: 1. Protection, protection and management of shelters 2. Protection, conservation and management of wildlife in the outskirts of the shelter 3. Protection, conservation and management of threatened wildlife/aquatic life	Environmental Management Biodiversity and Ecology	SDG 15	Programme Implementation Training and Capacity Building
33	19-2406021100227 National Plan for Conservation of Aquatic Eco-Systems				179.09	496.00	Under this scheme, measures for habitat management and conservation of aquatic organisms will be taken.	Environmental Management, Biodiversity and Ecology	SDG 14	Programme Implementation Training and Capacity Building Research & Development
34	19-2406041010204 Integrated Forest Management	70.53	70.53	710.20	721.75	721.75	Infrastructure strengthening works will be done for fire protection and other protective work in natural forests.	Environmental Management Biodiversity and Ecology	SDG 13 SDG 15	Programme Implementation
35	19-2406041010205 National Bamboo Mission	148.83	148.83	172.86	474.00	474.00	Under this scheme, production of bamboo species, development of nurseries and promotion of bamboo-based items will be done.	Environmental Management Biodiversity and Ecology Sustainable Use of Land	SDG 2 SDG 13 SDG 15	Programme Implementation Education and Awareness Training and Capacity Building Research & Development
36	19-2406047890201 National Bamboo Mission	26.00	26.00	150.00	459.00	459.00				

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging	(Rs in Lakh)
		2020-21	2020-21	2021-22	2022-23	2022-23	Programme/Scheme main Objective				
Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate							
<b>Department of Environment, Forest and Climate Change</b>											
37	19-2406047960201 National Bamboo Mission	6.10	6.10	107.50	444.00	444.00	Under this scheme, production of bamboo species, development of nurseries and promotion of bamboo-based items will be done.	Environmental Management Biodiversity and Ecology Sustainable Use of Land	SDG 2 SDG 13 SDG 15	Programme Implementation Education and Awareness Training and Capacity Building Research & Development	
38	19-2406041010201 National Forestry Programme						Schemes related to improving the quality of forests and increasing the income of local communities and providing employment will be implemented through public cooperation in the notified forests of the state.	Environmental Management Biodiversity and Ecology Sustainable Use of Land	SDG 8 SDG 13 SDG 15	Programme Implementation Education and Awareness Training and Capacity Building	
39	19-2406010010001 Direction and Administration						In 15 offices including headquarters, salaries of permanent officers and employees and salary of contractual workers, computer operators, drivers and cleaning laborers etc. are paid, besides office expenses, fuel and maintenance of vehicle, telephone, electricity, maintenance etc. is spent on.	Environmental Management Climate Change Mitigation and Adaptation	SDG 8	Programme Implementation	

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23			
<b>Department of Environment, Forest and Climate Change</b>										
40	19-2406010030001 For Training, Public Relations and Research	Actual Budget	Actual Green Budget Estimate	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate		Environmental Management Climate Change Mitigation and Adaptation	SDG 8	Programme Implementation Education and Awareness Training and Capacity Building
41	19-2406010700001 Road and Bridge						400.00	400.00		
42	19-2406010700002 Building Construction						420.00	420.00		
								Expenditure is made on the maintenance of 786 departmental building.	SDG 9	Programme Implementation

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022 -23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Green Budget Estimate			
<b>Department of Environment, Forest and Climate Change</b>										
43	19-2406011010001 Expansion and Protection of Forests				12370.16	12370.16	Expenditure on permanent nursery and its maintenance of 27 forest divisions in Bihar. Salary of permanent and contractual employees & other expenditure like cleaning laborers, vehicle, telephone, electrical maintenance etc. payment is made. Apart from this, expenditure is incurred on office expenses, fuel & maintenance of vehicle, telephone, electrical maintenance etc.	Environmental Management Climate Change Mitigation and Adaptation	SDG 8 SDG 13 SDG 15	Programme Implementation
44	19-2406011010002 Working Plan Division				134.32	134.32	In light of the order of the Honble Supreme Court, expenditure is spent to preparing the work plan for each forest division for ten years. Salary of permanent and contractual employees & other expenditure like cleaning laborers, vehicle, telephone, electrical maintenance etc. payment is made.	SDG 8	SDG 8	Programme Implementation
45	19-2406021100003 Sanctuary				760.79	760.79	In this sub-head, work related to protection of tigers of Valmiki Tiger Reserve Division 1 and 2, salary of permanent officers and workers in offices and employees employed on contract, forest area officers, foresters, computer operators, drivers and cleaning laborers etc. payment is made.	Environmental Management Climate Change Mitigation and Adaptation	SDG 8	Programme Implementation

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging	
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23				
	Actual Budget	Actual Green Budget Estimate	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate						
<b>Department of Environment, Forest and Climate Change</b>											
46	19-240602110001 Other Parks					1793.40	1793.40	In this subhead, Sanjay Gandhi Biological Park, Patna is spread over 153 acres. The maintenance of Banana, Mango, Rose, Medicinal, Fern Garden, Orchid House, Roadside Hedge and Doob Grass Gardens is done. Apart from this operation & maintenance of, ticket window, train, baby garden, fish house, water garden as well as grass cutting and daily cleaning throughout the park. In 45 cages located inside the park, the work of feeding 600 animals, providing fodder and cleaning the cage etc. is done daily. in Raigir Zoo Safari the work of protection is also done.	SDG 15	Environmental Management Climate Change Mitigation and Adaptation	Programme Implementation
47	19-3435041030001 Bihar State Environment Combat Authority					75.00	75.00	From this sub-head, environmental clearance of various types of projects, such as building construction, mining work, etc., salaries of officials and employees of Bihar State Environmental Combat Authority are paid.	SDG 8 SDG 9 SDG 15		

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022 -23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging	(Rs in Lakh)
		2020-21	2020-21	2021-22	2021-22	2022-23	2022-23				
	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate							
<b>Department of Environment, Forest and Climate Change</b>											
48	19-3435031020001 Bihar State Biodiversity Board					456.75	456.75	Biodiversity Management Committee constituted under the Biodiversity Act and the Public Biodiversity Register are to be created and the salaries of the officials and employees of the Bihar State Biodiversity Board are paid under this sub head.	SDG 8 SDG 15	Programme Implementation Technology and Infrastructure Training and Capacity Building Research & Development	
	<b>Total</b>	<b>21499.19</b>	<b>21499.19</b>	<b>53461.00</b>	<b>65453.06</b>	<b>65453.06</b>	<b>65453.06</b>				
<b>Industries Department</b>											
1	23-2852801020110 Industrial Area Development Authority					1000.00	1.00	Honourable NGT In the light of the suit filed in the court, the establishment of Common Effluent Treatment Plant (CEPT) is to be constructed in Hajipur Industrial area. The work of CEPT construction is being done by the nodal agency BIADA. The budgetary provision for this item in the financial year 2022-23 is zero. It has been decided by BIADA to set up Common Effluent Treatment Plant under the Cluster Development Fund under the loan received from SIDBI.	SDG 6 SDG 9 SDG 12	Programme Implementation Technology and Infrastructure Investment Training and Capacity Building Research & Development	
	<b>Total</b>	<b></b>	<b>1000.00</b>	<b>1.00</b>	<b></b>	<b>1000.00</b>	<b>1.00</b>				

Financial Year 2022-23							(Rs in Lakh)				
Sl. No.	Budget Code and Identified Scheme/Programme	2020-21		2021-22		2022-23		Programme/Scheme main Objective	Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		Actual Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate						
<b>Public Health and Engineering Department</b>											
1	36-4215011020103 Capital Outlay on Water Supply and Sanitation	2309.72	2309.72	1654.00	2075.00	2075.00	2075.00	Wells Restoration and Blotting Works	Green Infrastructure	SDG 6	Programme Implementation Technology and Infrastructure
2	36-4215017890111 Capital Outlay on Water Supply and Sanitation	1028.88	1028.88	818.00	400.00	400.00	400.00				
3	36-4215017960107 Capital Outlay on Water Supply and Sanitation	62.73	62.73	28.00	25.00	25.00	25.00				
<b>Total</b>		<b>3401.33</b>	<b>3401.33</b>	<b>2500.00</b>	<b>2500.00</b>	<b>2500.00</b>	<b>2500.00</b>				
<b>Energy Department</b>											
1	10-6801002010101 Bihar State Hydroelectric Power Corporation (Hydroelectric power generation)	579.00		2000.00	1000.00	1000.00	1000.00	Works of 12 under construction projects (Tezpura, Dehra, Sipha, Walidad, Rampur, Amethi, Natvar, Paharma, Mathauli, Barbal, Rajapur and Dehri is underway). On completion of the project, Green Energy will get 9.3 MW of electricity. Renovation work of Dehri, Barun, Belar, Shirkinda and other hydroelectric projects. Survey and DPR work for the new hydroelectric projects on Mahananda, Gandak and Budhi Gandak rivers and other places is undergoing. Bihar will get 160 MW electricity.	Green Infrastructure Climate Change Mitigation	SDG 7 SDG 13	Programme Implementation Subsidies Investment Technology & Infrastructure Research & Development

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022 -23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging	(Rs in Lakh)
		2020-21	2020-21	2021-22	2022-23	2022-23	Green Budget Estimate				
<b>Energy Department</b>											
Budget Code and Identified Scheme/Programme	Actual Budget	Revised Green Budget Estimate	Budget Estimate	Programme/Scheme main Objective	Environment Sustainability Relevance	SDG Tagging	Activity Tagging	(Rs in Lakh)			
10-2810606000101 Unconventional Energy Source	1250.00	1250.00	5000.00	Under Jal Jeevan Hariyali Abhiyan, installation of grid connected rooftop solar power plants on roofs of government buildings, installation of solar high mast and solar street lights in urban and rural areas, installation of solar power plants under canal top and canal bank in the state, installation of floating solar power plants in Supaul district on government ponds/ reservoirs. The work of survey of ponds/ reservoirs for installation, feasibility study etc. and implementation of plant installation.	Green Infrastructure Climate Change Mitigation	SDG 7 SDG 13	Programme Implementation Technology and Infrastructure Subsidies Investment Training and Capacity Building Research & Development				
10-2810001040101 Unconventional Energy Source				Fixed R.P.O by the Government of India will be helpful in meeting out, as well as promoting green energy, increasing carbon credit, reducing pollution, which will have a favourable impact on the environment. With this, the dependence of energy on the grid will be reduced. Clean energy generation, meeting the renewable energy obligation will reduce carbon emissions.	Green Infrastructure Climate Change Mitigation	SDG 7 SDG 13	Programme Implementation Technology and Infrastructure Subsidies Investment Training and Capacity Building Research & Development				
<b>Total</b>	<b>1829.00</b>	<b>1250.00</b>	<b>7000.00</b>	<b>6000.00</b>	<b>6000.00</b>						

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23							Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23	Programme/Scheme main Objective			
	Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate						
<b>Health Department</b>											
1	20-4210011100118 Jal-Jeevan-Hariyali	71.57	71.57	500.00	500.00	500.00	500.00	Rain water harvesting	Green Infrastructure	SDG 6	Programme Implementation
	<b>Total</b>	<b>71.57</b>	<b>71.57</b>	<b>500.00</b>	<b>500.00</b>	<b>500.00</b>	<b>500.00</b>				
<b>Rural Development Department</b>											
1	42-2215021050103 Lohiya Swachh Abhiyan-1				1.00	1.00	In the second phase of Sat Nischay, Lohiya Swachh Bihar Abhiyan for achieving the objective of a clean village, a prosperous village under Saksham Bihar and Swalambhi Bihar, communities through	Natural Resource Management	Climate Change Mitigation and Adaptation	SDG 6	Programme Implementation Education and Awareness Training and Capacity Building
2	42-2215021050104 Lohiya Swachh Abhiyan-2				4700.00	4700.00					
3	42-2215021050202 Swachh Bharat Mission (Rural)				63200.00	63200.00					

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23							Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Programme/Scheme main Objective	Environment Sustainability Relevance	
Actual Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate						
<b>Rural Development Department</b>									
4	42-2215021050302 Swachh Bharat Mission (Rural)			11850.00	11850.00	information, education and communication to ensure the sustainability of open defecation. All the villages of the state have to be made free through behavioural change and access to individual toilets for new families/missing families and solid and liquid waste management in a phased manner.	SDG 6 Natural Resource Management Climate Change Mitigation and Adaptation	Programme Implementation Education and Awareness Training and Capacity Building	
5	42-221507890204 Swachh Bharat Mission (Rural)			16000.00	16000.00				
6	42-221507890304 Swachh Bharat Mission (Rural)	11363.33		3000.00	3000.00				
7	42-221507960206 Swachh Bharat Mission (Rural)	85.85		800.00	800.00				
8	42-221507960306 Swachh Bharat Mission (Rural)	1136.33		150.00	150.00				
9	42-2515000010110 Jal-Jeevan-HariyaliMission	705.76	705.76	878.00	1069.00	Jal-Jeevan-Hariyali Mission has been formed to monitor the implementation of Jal-Jeevan-Hariyali Abhiyan.	SSDG 6 SDG 13 SDG 15	Education and Awareness Training and Capacity Building	
10	42-2220601010101 Jal-Jeevan-Hariyali Jagrookta (Awareness)	100.00		100.00	100.00	Under this, people have to be made aware of the Jal-Jeevan-Hariyali Abhiyan.	SSDG 6 SDG 13 SDG 15	Education and Awareness	
<b>Total</b>		<b>13391.27</b>	<b>805.76</b>	<b>978.00</b>	<b>100870.00</b>	<b>100870.00</b>			

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23			
	Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate					
<b>Transport Department</b>										
1	47-3055001990104 Bihar Clean Fuel Scheme	30.80	30.80	500.00	1500.00	1500.00	Replacement of Diesel Operated Three Wheelers with CNG Operated or Battery Operated Three Wheelers in Patna Conversion of Petrol Operated Three Wheelers and Petrol Operated Taxi Cabs to CNG to reduce air pollution caused by old commercial Diesel / Petrol Operated Three Wheelers in Patna Urban Area Conversion scheme has been implemented in CNG.	Green Infrastructure Climate Change Mitigation	SDG 11 SDG 13	Programme Implementation Subsidies Investment Research & Development Technology and Infrastructure
2	47-3055001990101 Mukhya Mantri Gramin ParivahanYojana	4746.74	4746.74	6500.00			In order to promote self-employment in the transport sector in all the blocks under the MMGPY, subsidy has been given on the purchase of vehicles, battery-operated, e-rickshaws, in addition to other vehicles, so that air pollution can be reduced.			
3	47-3055007890101 Mukhya Mantri Gramin ParivahanYojana	5930.57	5930.57	8500.00						
4	47-3055007960101 Mukhya Mantri Gramin ParivahanYojana	394.32	394.32	500.00						
<b>Total</b>		<b>11102.43</b>	<b>11102.43</b>	<b>16000.00</b>	<b>1500.00</b>	<b>1500.00</b>				

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23			
<b>Minor Water Resources Department</b>										
		Actual Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate					
1	50-4702001010106 Har Khet Tak Sinchayi ka Pani			8300.00	8300.00	8300.00	8300.00	Under 7 Nishchay 2, the target is to reach every farm with water for irrigation.	SDG 2 SDG 6	Programme Implementation Subsidies Investment Technology and Infrastructure
2	50-4702007890106 Har Khet Tak Sinchayi ka Pani			1600.00	1600.00	1600.00	1600.00			
3	50-4702007960107 Har Khet Tak Sinchayi ka Pani			100.00	100.00	100.00	100.00			
4	50-4702001020102 Surface Water Scheme	3651.45	3651.45	830.00	1660.00	1660.00	1660.00	The amount is to be spent on the restoration work of surface schemes and the revival of Ahar/Pyne/Talab Dam.	Green Infrastructure and Sustainable use of Land	
5	50-4702007890104 Surface Water Scheme	556.87	556.87	160.00	320.00	320.00	320.00		SDG 2 SDG 6	
6	50-4702007960105 Surface Water Scheme	24.15	24.15	10.00	20.00	20.00	20.00			
7	50-4702001020107 Jal-Jeevan-Hariyali (NABARD)	17755.96	17755.96	40670.00	31540.00	31540.00	31540.00			
8	50-4702007890105 Jal-Jeevan-Hariyali (NABARD)	2898.76	2898.76	7840.00	6080.00	6080.00	6080.00	Restoration work of revival of Ahar/Pynes & Dam.		
9	50-4702007960106 Jal-Jeevan-Hariyali (NABARD)	123.18	123.18	490.00	380.00	380.00	380.00			

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Programme/Scheme main Objective			
Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate						
<b>Minor Water Resources Department</b>										
10	50-4702001010205 Pradhan Mantri Krishi Suraksha Yojana	467.07	467.07	4980.00	20750.00	20750.00				
11	50-4702007890205 Pradhan Mantri Krishi Suraksha Yojana	87.80	87.80	960.00	4000.00	4000.00				
12	50-4702007960206 Pradhan Mantri Krishi Suraksha Yojana	5.09	5.09	60.00	250.00	250.00	Ahar/Pyne and Dam are to be revamped.	Green Infrastructure and Sustainable use of Land	SDG 2 SDG 6	Programme Implementation Subsidies Technology and Infrastructure
13	50-4702001010305 Pradhan Mantri Krishi Suraksha Yojana	186.58	186.58	1660.00	1660.00	1660.00				
14	50-4702007890305 Pradhan Mantri Krishi Suraksha Yojana	54.81	54.81	320.00	320.00	320.00				
15	50-4702007960306 Pradhan Mantri Krishi Suraksha Yojana	3.39	3.39	20.00	20.00	20.00				
<b>Total</b>		<b>25815.11</b>	<b>25815.11</b>	<b>68000.00</b>	<b>77000.00</b>	<b>77000.00</b>				

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23			
Actual Budget	Actual Green Budget Estimate	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate	Programme/Scheme main Objective	Environment Sustainability Relevance	SDG Tagging	Activity Tagging		
<b>Urban Development and Housing Department</b>										
1	48-2217030510201 Har Ghar Shauchalaya Nirman, Ghar ka Samman Yojana (SBM)			19010.00	19010.00	19010.00	Under this scheme, construction of toilets and solid waste management work is done in urban areas. This scheme is helpful in keeping the environment clean and pollution free in urban areas.	Waste Management / Pollution Reduction	SDG 6 SDG 11	Programme Implementation Subsidies Education and Awareness Training and Capacity Building
2	48-2217030510301 Har Ghar Shauchalaya Nirman, Ghar ka Samman Yojana (SBM)			10000.00	10000.00	10000.00				
3	48-2215021050101 Solid - Liquid Waste Management-7 Nischay Yojna-2				24800.00	24800.00	Under Solid and Liquid Waste Management, solid and liquid waste will be disposed of separately in the municipal bodies in a scientific manner, which will work to keep the environment clean.	Waste Management / Pollution Reduction	SDG 6	Programme Implementation Subsidies Education and Awareness Training and Capacity Building
4	48-22150227890104 Solid - Liquid Waste Management-7 Nischay Yojna-2				100.00	100.00				
5	48-2215027960106 Solid - Liquid Waste Management-7 Nischay Yojna-2				100.00	100.00				
<b>Total</b>					<b>29010.00</b>	<b>54010.00</b>	<b>54010.00</b>			

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23			
Actual Budget	Actual Green Budget Estimate	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate						
<b>Building Construction Department</b>										
1	03-2059800530013 Maintenance and restoration of residential/non-residential parks/gardens	222.12	15.54	1000.00	1000.00	1000.00	1000.00	Various residential and non-residential gardens and parks are to be maintained and renovated.	Natural Resource Management	Programme Implementation
2	03-4406010510101 Building Construction	795.06	795.06	7000.00				Construction of administrative buildings related to forest management.	SDG 15	Technology and Infrastructure
3	03-4406010510101 Forestry College				2434.70	2434.70				
4	03-4406010510102 Dolphin Research Centre					3052.00	3052.00			
<b>Total</b>		<b>1017.18</b>	<b>810.60</b>	<b>8000.00</b>	<b>6486.70</b>	<b>6486.70</b>	<b>6486.70</b>			
<b>Agriculture Department</b>										
1	01-2401001090122 Fasal Krishi Karm			4150.00	8300.00	8300.00		Under 7 Nishchay 2, the target is to reach every farm with water for irrigation.	Green Infrastructure and Sustainable Use of Land	Programme Implementation Subsidies Investment Technology and Infrastructure
2	01-2401007390152 Fasal Krishi Karm				800.00	1600.00	1600.00			SDG 2 SDG 6
3	01-2401007960174 Fasal Krishi Karm				50.00	100.00	100.00			
<b>Total</b>				<b>5000.00</b>	<b>10000.00</b>	<b>10000.00</b>	<b>10000.00</b>			

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23							Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23	Programme/Scheme main Objective			
	Actual Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate							
<b>Animal and Fisheries Resources Department</b>											
1	02-2405001010104 Development and Renovation of pond fisheries	2373.92	2373.92	10006.52				Fisheries Development Schemes. New pond construction, hatchery, biofloc, chaur development, input, improved fish seed production, increase in ground water level through poultry cum fish farming, water conservation, traditional use of water resources, ecological balance	Natural Resource Management Green Infrastructure and Sustainable Use of Land	SDG 2 SDG 14	Programme Implementation Subsidies Technology and Infrastructure Research & Development Training and Capacity Building
2	02-2405001090102 Fish Breeding	567.17	567.17	1640.08				Training of fish farmer's and seminar workshop is to be organized, through which awareness is to be created among the fish farmers regarding environment and water conservation.	Natural Resource Management		Education and Awareness Training and Capacity Building
3	02-2405001010219 Blue Revolution- Integrated Development and Management of Fisheries	1044.52	1044.52	4800.00				Construction of rearing pond, development of wet land, input, shrimp and mangur hatchery, construction of disease diagnostic laboratory etc. work is to be done through which increase in ground water level, water conservation, use of unusable land for organized fisheries is encouraged.	Natural Resource Management	SDG 2 SDG 6 SDG 15	Programme Implementation Subsidies Technology and Infrastructure Research & Development Training and Capacity Building
4	02-2405001010319 Blue Revolution- Integrated Development and Management of Fisheries	706.02	706.02	2800.00							

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23			
	Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate					
<b>Animal and Fisheries Resources Department</b>										
5	02-2405001010117 Matsya Sampada 7 Nischay Yojna-2			11952.00				Under this project, biofloc development, reservoir fisheries, ornamental fish enhancement, private pond restoration, prawn culture and fish market seed are to be developed.	Natural Resource Management	Programme Implementation Subsidies Technology and Infrastructure Research & Development Training and Capacity Building
6	02-2405007390102 Matsya Sampada 7 Nischay Yojna-2			2844.00						SDG 2 SDG 6
7	02-2405007360110 Matsya Sampada 7 Nischay Yojna-2			204.00						
8	02-2404000030101 Training	50.30	50.30	212.00	253.00	253.00	253.00	Training of fish farmers and seminar workshop is to be organized for fish farmers.	Training Programme	Education and Awareness Training and Capacity Building
<b>Total</b>		<b>4741.93</b>	<b>4741.93</b>	<b>34458.60</b>	<b>253.00</b>	<b>253.00</b>	<b>253.00</b>			

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022 -23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging	(Rs in Lakh)
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23				
	Actual Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate	Programme/Scheme main Objective						
<b>Sugarcane Industries Department</b>											
1	45-2401001080109 Ikh Vikash/ Mukhya Mantri Ganna Vikas Karyakram			3190.00	3190.00		Under this scheme, three -tier seed production Programme-Distribution of certified seeds to farmers at subsidized rates.	Natural Resource Management Sustainable Use of Land	SDG 2 SDG 6	Programme Implementation Subsidies Education and Awareness Research & Development	
2	45-2401007890108 Ikh Vikash/ Mukhya Mantri Ganna Vikas Karyakram			640.00	640.00		Distribution of biofertilizers, farmers training Programmes etc. In the FY 2021-22, Total cost of this scheme is Rs 2850.00 lakh.				
3	45-2401007960129 Ikh Vikash/ Mukhya Mantri Ganna Vikas Karyakram			40.00	40.00		The main objective of this scheme is to ensure increase in the production, productivity and recovery percentage of sugarcane.				
4	45-2852082010103 Financial assistance to sugar mills	2820.99		4980.00	4980.00		As an incentive package in the state, Subsidies payment after the establishment of sugar mills / capacity expansion / ethanol production and establishment of power unit and capacity expansion. Under Departmental Incentive Package-2014, there is a provision to give a maximum of Rs 15.00 crore for Subsidies on green field sugar project.	Natural Resource Management Sustainable Use of Land	SDG 2	Programme Implementation Technology and Infrastructure Subsidies Investment Training and Capacity Building	
5	45-2852087890101 Financial assistance to sugar mills			960.00	960.00						
6	45-2852087960102 Financial assistance to sugar mills			60.00	60.00						
<b>Total</b>		<b>2820.99</b>					<b>9870.00</b>	<b>9870.00</b>			
<b>Total green contribution of 100% significance</b>		<b>85690.00</b>		<b>69497.92</b>	<b>225907.60</b>	<b>334443.76</b>	<b>334442.76</b>				

## Category 'B' - Green Budget Estimate 90-75% (Very High)

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23			
Actual Budget	Actual Green Budget Estimate	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate	Programme/Scheme main Objective	Environment Sustainability Relevance	SDG Tagging	Activity Tagging	(Rs in Lakh)	
<b>Urban Development and Housing Department</b>										
1	48-2215011910106 Jal-Jeevan-Hariyali Abhiyan	300.00	270.00	675.00	750.00	675.00	Under the Jal.Jeevan.Hariyali Abhiyan, the work of clearing the pond and puddle is done. Along with this, the work of restoration of wells is also done. And blotting construction is also done under this item, which contributes to water conservation and keeping the environment clean.	Green Infrastructure Sustainable Use of Land	Programme Implementation Technology and Infrastructure	
2	48-2215011920103 Jal-Jeevan-Hariyali Abhiyan	350.00	315.00	787.50	875.00	787.00				
3	48-2215011930102 Jal-Jeevan-Hariyali Abhiyan			787.50	875.00	787.00				
4	48-2215021050101 Solid - Liquid Waste Management- 7 Nischay Yojna-2			4410.00						
5	48-2215027890104 Solid - Liquid Waste Management- 7 Nischay Yojna-2			16470.00						
6	48-2215027960106 Solid - Liquid Waste Management- 7 Nischay Yojna-2			1620.00						
7	48-2217011910109 Civil Amenities	10995.19	3298.56						SDG 11	Programme Implementation Technology and Infrastructure

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Programme/Scheme main Objective			
Actual Budget	Actual Green Budget Estimate	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate						
<b>Urban Development and Housing Department</b>										
8	48-2217011910124 Special Sanitation Subsidy	2279.25	1823.40	1840.00	2300.00	1840.00	Sanitation material is procured under the cleanliness Subsidies item and funds are allocated for picking up garbage from house to house, which works to keep the environment clean.	Waste Management / Pollution Reduction	SDG 6	Programme Implementation Subsidies
9	48-2217031920114 Special Sanitation Subsidy	1999.94	1599.84	1600.00	2000.00	1600.00				
10	48-2217031930113 Special Sanitation Subsidy				1360.00	1700.00	1360.00			
	<b>Total</b>	<b>15924.38</b>	<b>7306.79</b>	<b>29550.00</b>	<b>8500.00</b>	<b>7049.00</b>				
<b>Agriculture Department</b>										
1	01-2401001040205 Traditional Farming Development Scheme	46.16	38.00	1332.52	2490.00	1868.00				
2	01-2401001040305 Traditional Farming Development Scheme	33.55	27.00	888.74	995.00	746.00	Organic farming under Participant Guarantee System (PGS) method	Sustainable Use of Land	SDG 2	Programme Implementation Education and Awareness Investment Training and Capacity Building Research & Development
3	01-2401007890341 Traditional Farming Development Scheme	6.47	5.00	171.59	191.81	144.00				
4	01-2401007960363 Traditional Farming Development Scheme	0.30	0.30	11.00	11.99	9.00				

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23			
Actual Budget	Actual Green Budget Estimate	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate						
<b>Agriculture Department</b>										
5	01-2401007960231 National Agricultural Development Scheme (RKBY)	45.02	35.00	79.02	138.00	104.00	Crop observation, SRI method of paddy cultivation, zero tillage wheat cultivation, crop diversification, integrated pest management	Sustainable Use of Land	SDG 2	Programme Implementation Education and Awareness Subsidies Training and Capacity Building Research & Development
6	01-2401007960331 National Agricultural Development Scheme (RKBY)	30.28	23.00	53.40						
7	01-2402001020313 Integrated Watershed Management Programme (IWMP)	483.14	362.00	2019.00	2288.51	1716.00	Pucca check dam, silt barrier dam, rejuvenation of ahar, fencing, statueguard, trench and plantation etc.		SDG 6 SDG 15	Programme Implementation Technology and Infrastructure
8	01-2401007990241 Organic farming under participatory reimbursement system method				480.00	360.00	Organic farming under participatory reimbursement system method	Natural Resource Management Green Infrastructure	SDG 2	Programme Implementation Education and Awareness Subsidies Training and Capacity Building Research & Development
9	01-2401007960263 Organic farming under participatory reimbursement system method	0.46			30.00	23.00				
10	01-2401001090216 National Agricultural Development Scheme (RKBY)	3755.64	2939.00		11454.00	8591.00	Crop observation, paddy cultivation with SRI method, wheat cultivation with zero tillage, crop diversification, integrated pest management		SDG 2	Programme Implementation Education and Awareness Subsidies

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23							Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Programme/Scheme main Objective	Environment Sustainability Relevance	
Actual Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate						
<b>Agriculture Department</b>									
11	01-2401001090316 National Agricultural Development Scheme (RKBY)	2536.33	1955.00	4577.01	3433.00	Crop observation, paddy cultivation with SRI method, wheat cultivation with zero tillage, crop diversification, integrated pest management	SDG 2	Training and Capacity Building Research & Development	
12	01-2401007890303 National Agricultural Development Scheme (RKBY)	452.68	349.00	882.34	662.00	Natural Resource Management	SDG 6 SDG 15	Green Infrastructure	
13	01-2402007890302 Soil and Water Conservation			441.16	331.00	Pucca check dams, silt barrier dams, rejuvenation of ahari, bunds, statueguard trenches and plantation etc.	SDG 6 SDG 15	Programme Implementation Technology and Infrastructure	
14	01-2401007890126 Promotion of Organic Farming			1140.00	1008.00				
15	01-2402007960309 Soil and Water Conservation			27.57	21.00				
	<b>Total</b>	<b>7390.03</b>	<b>5733.30</b>	<b>4555.28</b>	<b>25147.39</b>	<b>19016.00</b>			
<b>Minor Water Resources Department</b>									
1	50-4702001010101 Minor Irrigation	88.01	79.21	830.00	2147.00	1932.30	Revival of Ahar/Pyne/Talab/Dam	Programme Implementation Education and Awareness Subsidies Technology and Infrastructure	
2	50-4702007890101 Minor Irrigation	15.25	13.73	160.00	414.00	372.60			
3	50-4702007960103 Minor Irrigation	0.21	0.19	10.00	26.00	23.40			
	<b>Total</b>	<b>103.47</b>	<b>93.12</b>	<b>1000.00</b>	<b>2587.00</b>	<b>2328.30</b>			
	<b>Total green contribution of 75-90% significance</b>	<b>23417.88</b>	<b>13133.22</b>	<b>35105.28</b>	<b>36234.39</b>	<b>28393.30</b>			

## Category 'C' - Green Budget Estimate 75-50% (High)

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23			
Actual Budget	Actual Green Budget Estimate	Revised Green Budget Estimate	Budget Estimate	Programme/Scheme main Objective	Environment Sustainability Relevance	SDG Tagging	Activity Tagging	<b>Rural Development Department</b>		
1	42-2505021010201 National Rural Employment Guarantee Scheme (MNREGS)	182747.15	118785.65	259998.70	220000.00	143000.00	The main objective of this scheme is to develop rural areas by creating durable assets along with improving livelihood security. Under the scheme, there is a provision to provide 100 days of unskilled employment in a financial year to the willing adult members of each family seeking work. Under this, the work of plantation is done for the restoration of water harvesting structures like pond, ahar, field, puddle and pine etc.	Natural Resource Management Climate Change Mitigation and Adaptation	SDG 6 SDG 8 SDG 15	Programme Implementation Subsidies Technology and Infrastructure
2	42-2505021010301 National Rural Employment Guarantee Scheme (MNREGS)	19990.78	12994.00	34678.20	30000.00	19500.00				
3	42-2505027890201 National Rural Employment Guarantee Scheme (MNREGS)				0.65					
4	42-2505027890301 National Rural Employment Guarantee Scheme (MNREGS)				0.65					
5	42-2505027960201 National Rural Employment Guarantee Scheme (MNREGS)				0.65					
6	42-2505027960301 National Rural Employment Guarantee Scheme (MNREGS)				0.65					
	<b>Total</b>	<b>202737.93</b>	<b>131779.65</b>	<b>294679.50</b>	<b>250000.00</b>	<b>162500.00</b>				

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23			
	Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate					
<b>Agriculture Department</b>										
1	01-2401007890323 National Food Security Mission	335.32	168.00	346.00			Crop perception, Paddy cultivation by SRI method, Wheat cultivation with zero tillage, Paddy transplantation with paddy transplanter	Natural Resource Management Green Infrastructure Sustainable Use of Land Climate Change	SDG 2	Programme Implementation Education and Awareness Subsidies
2	01-2401007960359 National Food Security Mission	16.45	8.00	22.00						
3	01-2401001050106 Organic Farming Promotion	3160.40	2212.00	8447.00	7470.00	5229.00	Production of organic crops/vegetable crops	Natural Resource Management Green Infrastructure Sustainable Use of Land Climate Change	SDG 2	Programme Implementation Education and Awareness Subsidies Training and Capacity Building Research & Development
4	01-2401007890126 Organic Farming Promotion	474.69	333.00	1628.00						
5	01-2401007960148 Organic Farming Promotion	18.54	13.00	102.00	90.00	63.00				
6	01-2401007890241 Traditional Farming Development Scheme	9.70	7.00	256.80						
7	01-2401007960263 Traditional Farming Development Scheme						Organic farming under participatory guarantee system (PGS)	Sustainable Use of Land		
8	01-2401001040305 Traditional Farming Development Scheme									

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23			
Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate						
<b>Agriculture Department</b>										
9	01-2401007890341 Traditional Farming Scheme	6.46	5.00		191.81	144.00	Organic farming under participatory guarantee system (PGS)	Sustainable Use of Land		
10	01-2401001050207 National Sustainable Agriculture Mission	862.42	625.00	3698.52	4482.00	3227.00				
11	01-2401007890238 National Sustainable Agriculture Mission	180.19	131.00	712.97	864.00	622.00				
12	01-2401007960258 National Sustainable Agriculture Mission	10.34	8.00	44.56	54.00	39.00	Integrated farming system	SDG 2		
13	01-2401001050307 National Sustainable Agriculture Mission	518.17	388.00	2500.99	1791.01	1290.00				
14	01-2401007890338 National Sustainable Agriculture Mission	105.86	79.00	483.94	345.25	249.00				
15	01-2401007960358 National Sustainable Agriculture Mission	5.66	4.00	30.97	21.58	16.00				
16	01-2401001090216 National Agricultural Development Scheme (RKBY)	3755.63	2939.00	6539.67			Crop observation, paddy cultivation with SRI method, wheat cultivation with zero tillage, crop diversification, integrated pest management	Programme Implementation Education and Awareness Subsidies		

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23			
Actual Budget	Actual Green Budget Estimate	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate						
<b>Agriculture Department</b>										
17	01-2401007890203 National Agricultural Development Scheme (RKBY)	670.68	518.00	1260.61	2208.00	1656.00	Crop observation, paddy cultivation with SRI method, wheat cultivation with zero tillage, crop diversification, integrated pest management	Green Infrastructure Climate Change Mitigation	SDG 2	Training and Capacity Building Research & Development
18	01-2401001090316 National Agricultural Development Scheme (RKBY)			4419.65						
19	01-2401007890303 National Agricultural Development Scheme (RKBY)			851.76						
20	01-2401007960331 National Agricultural Development Scheme (RKBY)	30.28	23.00		55.14	41.00	Area expansion of one-year and multi-year horticultural fruits, promotion of new varieties of vegetable, scheme of drip irrigation			Programme Implementation Education and Awareness Subsidies
21	01-2401007890335 National Horticulture Mission	186.08	95.00	160.37	345.25	173.00				
22	01-2402001020112 Land Conservation Work	4241.69	2986.00	4183.00	4150.00	2905.00	Pucca check dam, silt barrier dam, rejuvenation of ahari, fencing, statue guard.	Natural Resource Management Green Infrastructure Sustainable Use of Land	SDG 6 SDG 15	Programme Implementation Technology and Infrastructure
23	01-2402007890101 Land Conservation Work	800.37	560.00	806.00	800.00	560.00				

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Programme/Scheme main Objective			
Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate						
<b>Agriculture Department</b>										
24	01-2402007960108 Land Conservation Work	50.97	36.00	50.00	50.00	35.00	Pucca check dam, silt barrier dam, rejuvenation of ahar, fencing, statue guard.			
25	01-2402001020213 Integrated Watershed Management Programme (IWMP)	724.71	507.00	4358.00	5727.00	4009.00				
26	01-2402007890202 Integrated Watershed Management Programme (IWMP)	148.43	104.00	840.00	1104.00	773.00	Pucca check dam, silt barrier dam, renovation of ahar, bund, statue guard, trench and plantation etc. Pucca check dam, silt barrier dam, rejuvenation of ahar, bund, statue guard, trench and plantation etc.	Natural Resource Management Green Infrastructure Sustainable Use of Land	SDG 6 SDG 15	Programme Implementation Technology and Infrastructure
27	01-2402007960209 Integrated Watershed Management Programme (IWMP)				53.00	69.00	48.00			
28	01-2402007890302 Integrated Watershed Management Programme (IWMP)									
29	01-2402007960309 Integrated Watershed Management Programme (IWMP)									

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Programme/Scheme main Objective			
	Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate					
<b>Agriculture Department</b>										
30	01-2401001190324 National Horticulture Mission	983.30	492.00		1791.01	896.00				
31	01-2401007890335 National Horticulture Mission	186.08			345.25	173.00				
32	01-2401007960357 National Horticulture Mission	8.57	4.00		21.58	11.00	Area expansion of horticultural fruits, one year and multiyear, drip irrigation	Natural Resource Management Green Infrastructure Sustainable Use of Land	SDG 2	Programme Implementation Education and Awareness Subsidies
33	01-2401001190224 National Horticulture Mission	1474.95	737.00		4482.00	2241.00				
34	01-2401007890235 National Horticulture Mission	283.58	142.00		864.00	432.00				
35	01-2401007960257 National Horticulture Mission	12.85	6.00		54.00	27.00				
	<b>Total</b>	<b>19394.86</b>	<b>13231.00</b>	<b>42224.49</b>	<b>37375.88</b>	<b>24859.00</b>				

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23			
	Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate					
<b>Animal and Fisheries Resources Department</b>										
1	02-2405001010104 Development and Rejuvenation of Pond Fisheries				7700.16	5775.12	Fisheries development schemes, renovation of government ponds, pond construction and fish feed scheme.	Natural Resource Management	SDG 2 SDG 6 SDG 14	Programme Implementation Technology and Infrastructure
2	02-2405001010117 Fisheries Resources 7 Nischay Yojna-2				6225.00	4668.75	Chaur development, reservoir fisheries, boat nets, pen culture, construction of fish market and scheme of government fish seed farm.	Natural Resource Management	SDG 2 SDG 6 SDG 14	Programme Implementation Education and Awareness Subsidies Training and Capacity Building Research & Development
3	02-2405007890102 Fisheries Resources 7 Nischay Yojna-2				1200.00	900.00				
4	02-2405007960110 Fisheries Resources 7 Nischay Yojna-2				75.00	56.25				
<b>Total</b>					<b>15200.16</b>	<b>11400.12</b>				

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022 -23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Green Budget Estimate			
<b>Education Department</b>										
Actual Budget	Revised Green Budget Estimate	Budget Estimate	Programme/Scheme main Objective	Environment Sustainability Relevance	SDG Tagging	Activity Tagging				
1 21-4202012010106 Jal-Jeevan-Hariyali		3750.00	10.00	7.50	Water harvesting has been constructed at the rate of Rs.80,000/- (Eighty thousand rupees) per school only in 3125 identified schools in the first phase under primary schools of the state. In the second phase, there is a plan to store water through water harvesting in the identified schools.	Environmental Management Climate Change Mitigation and Adaptation	SDG 6	Programme Implementation Technology and Infrastructure		
2 21-4202012020115 Jal-Jeevan-Hariyali		480.00	300.00	225.00	There is a plan to store water through water harvesting in 1500 middle schools identified under secondary education of the state in which ninth class is being conducted from April 2020.					
<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>4230.00</b>	<b>310.00</b>	<b>232.50</b>					
<b>Transport Department</b>										
1 47-3055001900102 Bihar Raiya Path Parivahan Nigam		1943.00	1943.00	2000.00	4000.00	2000.00	Subsidies for purchase of CNG buses by BSRTC and for reimbursement of operating expenses of 25 electric buses under Fame II.	Green Infrastructure Climate Change Mitigation	SDG 11 SDG 13	Programme Implementation Technology and Infrastructure Subsidies Investment Training and Capacity Building
<b>Total</b>	<b>1943.00</b>	<b>1943.00</b>	<b>2000.00</b>	<b>4000.00</b>	<b>2000.00</b>					
<b>Total green contribution of 50-75% significance</b>	<b>224075.79</b>	<b>146953.65</b>	<b>343133.99</b>	<b>306886.04</b>	<b>200991.62</b>					

## Category 'D' - Green Budget Estimate 50-25% (Marginal)

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Green Budget Estimate			
<b>Urban Development and Housing Department</b>										
1	48-2215021910102 Sewerage construction, sewerage and other sanitation plans	16174.17	4852.25	4950.00	395.00	118.50	Under this scheme, sewerage and other sanitation work is done in urban areas. This scheme is helpful in keeping the environment clean and pollution free in urban areas.	SDG 6 SDG 11	Programme Implementation Education and Awareness	
2	48-2215021920102 Sewerage construction, sewerage and other sanitation plans	1233.15	369.95	750.00	500.00	150.00		Waste Management Pollution Reduction	SDG 6 SDG 11	Programme Implementation
3	48-2215021930102 Sewerage construction, sewerage and other sanitation plans	530.33	159.10	750.00	500.00	150.00	Under this scheme, planning (Sewerage, sewerage and other sanitation work) is done to solve the problem of water logging in urban areas. This scheme is helpful in keeping the environment clean and pollution free in urban areas.			
4	48-2215027890101 Sewerage construction, sewerage and other sanitation plans	23260.86	6978.26	1807.49	26105.00	7831.50				
5	48-2215021070101 Storm water drainage system, 7 Nischay Yojna-2				150.00	9800.00	2940.00			
6	48-2215027890103 Storm water drainage system, 7 Nischay Yojna-2				1290.00	100.00	30.00			
7	48-2215027960105 Storm water drainage system, 7 Nischay Yojna-2				60.00	100.00	30.00			

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23			
Actual Budget	Actual Green Budget Estimate	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate	Programme/Scheme main Objective	Environment Sustainability Relevance	SDG Tagging	Activity Tagging		
<b>Urban Development and Housing Department</b>										
8	48-2217011910109 Civil Amenities Assistance Subsidies in Urban Areas			3600.00	6000.00	1800.00				
9	48-2217011910116 Civil Amenities Assistance Subsidies in Urban Areas	1197.60	359.29	900.00	1500.00	450.00	Under this scheme, park construction, pond and pond renovation work are done in urban areas. This scheme is helpful in keeping the environment clean and pollution free in urban areas.	Natural Resource Management Biodiversity and Ecology Climate Change Mitigation and Adaptation Sustainable Use of Land	SDG 6 SDG 11	Programme Implementation
10	48-2217031920105 Civil Amenities Assistance Subsidies in Urban Areas	760.53	228.16	750.00	1250.00	375.00				
11	48-2217031930104 Civil Amenities Assistance Subsidies in Urban Areas	335.26	100.57	750.00	1250.00	375.00				
12	48-5075601900101 Patna Metro Rail	5000.00	2500.00	7750.00	15000.00	7500.00	Under this scheme, construction Patna Metro Railway project is under progress. First phase of work will be completed by 2024.	Climate Change Mitigation Green Infrastructure	SDG 9 SDG 11 SDG 15	Programme Implementation Technology and Infrastructure Investment

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23			
Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Budget Estimate	Green Budget Estimate					
<b>Urban Development and Housing Department</b>										
13	48-2217030510205 Beautification of Lakes			495.00				Under this scheme, the work of beautification of lakes in urban areas is done. This scheme is in the interest of keeping the environment clean and water conservation.	SDG 6 SDG 11	Programme Implementation
14	48-2217030510305 Beautification of Lakes	300.00		300.00						
15	48-2217010510102 Creation of Moksha Dham, 7 Nischay Yojna-2				5000.00	2000.00	Under this scheme, electric/traditional crematorium is to be constructed for cremation, so that dead bodies will be cremated in a scientific manner. This will help in reducing environmental pollution.			
16	48-2217030510102 Creation of Moksha Dham, 7 Nischay Yojna-2				9500.00	3800.00				
	<b>Total</b>	<b>48791.90</b>	<b>15547.58</b>	<b>24302.49</b>	<b>77000.00</b>	<b>27550.00</b>				
<b>Rural Work Department</b>										
1	37-4515001030316 Pradhan Mantri Gram Sadak Yojana	23312.80	58228.20	11580.00	20030.00	11580.00	Road construction is to be done using roadside plantation, plastic waste and other green technologies.	Sustainable Consumption Green Infrastructure	SDG 12 SDG 13 SDG 15	Programme Implementation Technology and Infrastructure
	<b>Total</b>	<b>23312.80</b>	<b>5828.20</b>	<b>11580.00</b>	<b>20030.00</b>	<b>11580.00</b>				
<b>Agriculture Department</b>										
1	01-2401001040106 Promotion of innovation in agriculture	3179.42	1431.00	4109.00	6225.00	2801.00	Construction of pond/plantation of forestry/ horticulture crops on the bund/agricultural crops	Sustainable Use of Land Green Infrastructure,	SDG 2 SDG 6 SDG 15	Programme Implementation Technology and Infrastructure

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23			
	Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate					
<b>Agriculture Department</b>										
2	01-2401007890147 Promotion of innovation in agriculture	512.92	231.00	792.00	1200.00	540.00	Construction of pond/plantation of forestry/ horticulture crops on the bund/agricultural crops	Sustainable Use of Land Green Infrastructure.	SDG 2 SDG 6 SDG 15	Programme Implementation Technology and Infrastructure
3	01-2401007960169 Promotion of innovation in agriculture	105.89	48.00	50.00	75.00	34.00				
4	01-2401001190101 Udhayan Vikas Yojana	7977.99	3989.00	6225.00	11620.00	5810.00	Area expansion of one-year and perennial horticultural fruits, promotion of new varieties of vegetable, spread of aromatic plants in the area.		SDG 2 SDG 15	Programme Implementation
5	01-2401007890130 Udhayan Vikas Yojana	1438.32	719.00	1200.00	2240.00	1120.00				
6	01-2401007960152 Udhayan Vikas Yojana	82.27	41.00	75.00	140.00	70.00				
7	01-2401001020201 Raashtreey Khaad Suraksha Mission (NFSM)	3121.87	1562.00	4150.00	5826.60	2913.00				
8	01-2401007890237 Raashtreey Khaad Suraksha Mission (NFSM)	525.30	263.00	800.00	1123.20	562.00	Crop perception, Paddy cultivation by SRI method, Wheat cultivation with zero tillage, Paddy transplanter transplanting	Sustainable Use of Land.	SDG 2 SDG 15	Programme Implementation Education and Awareness Subsidies Training and Capacity Building Research & Development
9	01-2401007960259 Raashtreey Khaad Suraksha Mission (NFSM)	26.03	13.00	50.00	70.20	35.00				

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23			
	Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate					
<b>Agriculture Department</b>										
10	01-2401001020301 Raashtreey Khaad Suraksha Mission (NFSM)	1932.51	997.00	1794.00	2328.32	1164.00	Crop perception, Paddy cultivation by SRI method, Wheat cultivation with zero tillage, Paddy transplanter transplanting	Sustainable Use of Land.	SDG 2 SDG 15	Programme Implementation Education and Awareness Subsidies Training and Capacity Building Research & Development
11	01-2401007890323 Raashtreey Khaad Suraksha Mission (NFSM)				448.83	224.00				
12	01-2401007860359 Raashtreey Khaad Suraksha Mission (NFSM)				28.05	14.00				
13	01-2401001030218 Seeds & Planting Material Sub-Mission			623.00	1780.35	445.00				
14	01-2401007960271 Seeds & Planting Material Sub-Mission			8.00	21.45	5.00	Seed production under the seed village scheme	Natural Resource Management Sustainable Use of Land	SDG 2	Programme Implementation Training and Capacity Building
15	01-2401007890349 Seeds & Planting Material Sub-Mission			52.00	137.14	34.00				Programme Implementation Training and Capacity Building
16	01-2401007960356 National Mission on Oilseeds and Oil Palms			1.00			Promote the production of oilseed crops			

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23							Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Programme/Scheme main Objective	Environment Sustainability Relevance	
Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate					
<b>Agriculture Department</b>									
17	01-2401001090218 Pradhan Mantri Krishi Sinchaae Yojana			1038.00	4482.00	1121.00	Construction of various types of structures related to land and water conservation, plantation, training, formation of self-help groups, Programmes and production systems for landless farmers, Scheme of sprinkler / drip irrigation etc.	SDG 2 SDG 6 SDG 15	
18	01-24010010960261 Pradhan Mantri Krishi Sinchaae Yojana			13.00	54.00	14.00			
19	01-2401001090318 Pradhan Mantri Krishi Sinchaae Yojana			449.00	1791.01	448.00	Sustainable use of land Green Infrastructure.	Programme Implementation Subsidies Training and Capacity Building Technology and Infrastructure	
20	01-2401001190224 National Horticulture Mission			1245.00					
21	01-2401007890235 National Horticulture Mission			240.00			Area expansion of one-year and multi-year horticultural fruits, promotion of new varieties of vegetable, scheme of drip irrigation	SDG 2 SDG 6	
22	01-2401007960257 National Horticulture Mission			15.00					
23	01-2401001190324 National Horticulture Mission			829.58					
24	01-2401007960357 National Horticulture Mission			9.25					
<b>Total I</b>		<b>18902.52</b>		<b>9294.00</b>	<b>23767.83</b>	<b>39591.15</b>	<b>17354.00</b>		

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Programme/Scheme main Objective			
Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate						
<b>Animal and Fisheries Resources Department</b>										
1	02-2405001010219 Blue Revolution. Integrated Development and Management of Fisheries			24935.71	7480.71		Construction of rearing pond, development of wet land, input, shrimp and mangur hatchery, construction of disease diagnostic laboratory etc. work is to be done through which increase in ground water level, water conservation, use of unusable land for organized fisheries is encouraged.		Programme Implementation Technology and Infrastructure Subsidies Training and Capacity Building Research & Development	
2	02-2405001010319 Blue Revolution. Integrated Development and Management of Fisheries			2323.96	697.18					
3	02-2405007980201 Construction of repairing pond, development of wetland, input and construction of new pond.			4806.84	1442.05			Natural Resource Management	SDG 2 SDG 6 SDG 15	
4	02-2405007980201 Construction of repairing pond, development of wetland, input and construction of new pond.			300.45	90.14		Repairing pond construction, development of wet land, input and construction of new pond. Increase in ground water level, water conservation, traditional use of water resources, ecological balance.		Programme Implementation Subsidies Training and Capacity Building Technology and Infrastructure	
5	02-2405007980301 Construction of repairing pond, development of wetland, input and construction of new pond.					448.00	134.40			

Financial Year 2022-23							(Rs in Lakh)				
Sl. No.	Budget Code and Identified Scheme/Programme	2020-21		2021-22		2022-23		Programme/Scheme main Objective	Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		Actual Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate						
<b>Animal and Fisheries Resources Department</b>											
6	02-2405007960301 Construction of repairing pond, development of wetland, input and construction of new pond.					28.04	8.41	Repairing pond construction, development of wet land, input and construction of new pond. Increase in ground water level, water conservation, traditional use of water resources, ecological balance.	Natural Resource Management	SDG 2 SDG 6 SDG 15	Programme Implementation Subsidies Training and Capacity Building Technology and Infrastructure
	<b>Total</b>					<b>32843.00</b>	<b>9852.89</b>				
<b>Sugarcane Industries Department</b>											
1	45-2401001080109 Sugarcane Growth	413.07	347.32	1089.79				The main objective of the implementation of Chief Minister's Sugarcane Development Programme is to ensure increase in the production, productivity and percentage of sugar yield of sugarcane. Under the said scheme, the strains of sugarcane with low water requirement, CoP-9301, CO-98014 and ColK-94184 have been selected, which are being promoted.	Natural resource management Sustainable use of land	SDG 2	Programme Implementation
2	45-2401007890108 Sugarcane Growth	38.27	38.72	210.08							
3	45-2401007960129 Sugarcane Growth	1.75	1.75	13.13							
	<b>Total</b>	<b>453.09</b>	<b>387.79</b>	<b>1313.00</b>							
<b>Total green contribution of 25-50% significance</b>		<b>91460.31</b>	<b>31057.57</b>	<b>60963.32</b>	<b>169464.15</b>	<b>66336.89</b>					

## Category 'E' - Green Budget Estimate 25-05% (Low)

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23			
<b>Urban Development and Housing Department</b>										
Budget Code and Identified Scheme/Programme	Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Programme/Scheme main Objective	Green Budget Estimate	Environment Sustainability Relevance	SDG Tagging	Activity Tagging	
1 48-2217011910115 Subsidies-in-aid to Urban Local Bodies of Transport	1847.54	184.75	250.00	500.00	50.00		Under Mukhyamantri Shahari Nali Gali Pakkaran Nischay Yojana, streets with a width of less than 10 feet are constructed from paver blocks, which is very important from the point of view of water recharge.	SDG 6 SDG 11	Programme Implementation	
2 48-2217031930103 Subsidies-in-aid to Urban Local Bodies of Transport	933.85	93.39	900.00	70.00	7.00					
3 48-2217017890102 Subsidies-in-aid to Urban Local Bodies of Transport	0.00	0.00	100.00	1000.00	100.00					
4 48-2217037890102 Subsidies-in-aid to Urban Local Bodies of Transport	2464.50	246.45	450.00	4500.00	450.00					
5 48-2217030510202 AMRUT	68593.00	6859.30	4800.00	48000.00	4800.00		Under this scheme, park construction, water supply, storm water drainage and FSSM scheme are implemented. Under this, the work of green land / plantation / rain water conservation / storm water drainage is done. Under the water supply scheme, ground water harvesting and recharge pit is also being built. Management of sewage from toilets will be done under the FSSM scheme.	Environmental Management Green Infrastructure Waste Management	Programme Implementation Technology and Infrastructure	
6 48-2217030510302 AMRUT	13000.00	1566.96	2895.90	5600.00	560.00					

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23			
<b>Urban Development and Housing Department</b>										
7	48-2217800010501 Bihar Urban Development Project			7040.00	35000.00	7000.00		Under this scheme, the work of sewerage construction etc. is done, which works to keep the environment clean.	Environmental Management Waste Management Pollution Reduction	SDG 6 SDG 11
8	48-2217030510204 Smart City Mission			4200.00	42000.00	2100.00		Under this scheme, there is a provision to promote the use of solar energy which is in the interest of environment.	Climate Change Mitigation and Adaptation Biodiversity and Ecology Sustainable Use of Land	SDG 7 SDG 11 SDG 13
9	48-2217030510304 Smart City Mission	250.00	12.50	2000.00	20000.00	1000.00				
10	48-3475001080202 Swarna Jubilee City Oriented Scheme (NUML)	2261.90	113.09		4125.00	206.25				
11	48-3475001080302 Swarna Jubilee City Oriented Scheme (NUML)	1624.37	81.22		1381.97	69.10		Under this scheme, wide publicity is done in urban areas in the interest of environment.	Environmental Management	SDG 11 SDG 13 SDG 15
12	48-3475007890202 Swarna Jubilee City Oriented Scheme (NUML)	695.25	34.76		3200.00	160.00				
13	48-3475007890302 Swarna Jubilee City Oriented Scheme (NUML)	320.00	16.00		468.00	23.40				

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Programme/Scheme main Objective			
Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate						
<b>Urban Development and Housing Department</b>										
14	48-3475007960202 Swarna Jubilee City Oriented Scheme (NULLM)	175.00	8.75		175.00	8.75	Under this scheme, wide publicity is done in urban areas in the interest of environment.	Environmental Management	SDG 11 SDG 13 SDG 15	Education and Awareness
15	48-3475007960302 Swarna Jubilee City Oriented Scheme (NULLM)	20.00	1.00		150.00	7.50				
	<b>Total</b>	<b>92185.41</b>	<b>9218.16</b>	<b>22635.90</b>	<b>166169.97</b>	<b>16542.00</b>				
<b>Rural Works Department</b>										
1	37-4515001030113 Mukhya Mantri Gram Sampark Yojana			2343.39			Roadside tree and plantation, road construction using plastic waste and other green technologies	Climate Change Mitigation Sustainable Land Consumption	SDG 12 SDG 13 SDG 15	Programme Implementation
2	37-4515007890201 Capital outlay on other rural development Programmes				92257.00	6816.00	Roads using waste plastic materials and other green technologies		SDG 12 SDG 15	Programme Implementation Technology and Infrastructure
	<b>Total</b>			<b>2343.39</b>	<b>92257.00</b>	<b>6816.00</b>				
<b>Agriculture Department</b>										
1	01-2401001030109 Expansion of Seed Multiplication Farms Expenditure on Cultivation	8188.55	1638.00	2324.00	9960.00	1992.00	Expansion of seed multiplication farms, expenditure on cultivation, Aadhaar/certified seed production programme	Natural Resource Management Sustainable Use of Land	SDG 2	Programme Implementation Education and Training and Capacity Building

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23			
Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate						
<b>Agriculture Department</b>										
2	01-2401007890117 Expansion of Seed Multiplication Farms Expenditure on Cultivation	1532.41	306.00	448.00	1920.00	384.00	Expansion of seed multiplication farms, expenditure on cultivation, Aadhaar/certified seed production programme	Natural Resource Management Sustainable Use of Land	SDG 2	Programme Implementation Education and Awareness Training and Capacity Building
3	01-2401007860140 Expansion of Seed Multiplication Farms Expenditure on Cultivation	90.94	18.00	28.00	120.00	24.00				
4	01-2401001030218 Seeds & Planting Material Sub- Mission			621.26						
5	01-2401007890249 Seeds & Planting Material Sub- Mission			120.00	343.20	86.00				
6	01-2401007960271 Seeds & Planting Material Sub- Mission			7.50	21.45	5.00				
7	01-2401001030318 Seeds & Planting Material Sub- Mission			269.00	711.43	178.00	Seed production under Beej Gram Yojana	Natural Resource Management Sustainable Use of Land	SDG 2	Programme Implementation
8	01-2401007890349 Seeds & Planting Material Sub- Mission			51.00	137.14	34.00				
9	01-2401007960371 Seeds & Planting Material Sub- Mission			3.00	8.57	2.00				

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23			
	Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate		Programme/Scheme main Objective			
<b>Agriculture Department</b>										
10	01-2401001080220 National Mission on Oilseeds and Oil Palms	122.41	24.00	114.00	498.00	100.00				
11	01-2401007890234 National Mission on Oilseeds and Oil Palms	21.88	4.00	22.00	96.00	19.00				
12	01-2401007960256 National Mission on Oilseeds and Oil Palms	1.06		1.00	6.00	1.00				
13	01-2401001080320 National Mission on Oilseeds and Oil Palms	79.78	16.00	49.00	199.00	40.00	Promotion of production of oilseed crops			
14	01-2401007890334 National Mission on Oilseeds and Oil Palms	14.31	3.00	10.00	38.36	8.00				
15	01-2401007960356 National Mission on Oilseeds and Oil Palms	0.71		0.75	2.40	0.48				

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Programme/Scheme main Objective	
		Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate	Environment Sustainability Relevance	SDG Tagging
<b>Agriculture Department</b>								
16	01-2401001090218 Pradhan Mantri Krishi Sinchaaee Yojana			1037.00	4482.00	1121.00		
17	01-2401007980239 Pradhan Mantri Krishi Sinchaaee Yojana			200.00	864.00	216.00		
18	01-2401007980261 Pradhan Mantri Krishi Sinchaaee Yojana			12.50	54.00	14.00		
19	01-2401001090318 Pradhan Mantri Krishi Sinchaaee Yojana			448.50	1791.01	448.00		
20	01-2401007980339 Pradhan Mantri Krishi Sinchaaee Yojana			86.00	345.25	86.00		
21	01-2401007980361 Pradhan Mantri Krishi Sinchaaee Yojana			5.00	21.58	5.00		
<b>Total</b>		<b>10052.05</b>	<b>2009.00</b>	<b>5857.51</b>	<b>21619.39</b>	<b>4763.48</b>		

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23			
<b>Animal and Fisheries Resources Department</b>										
Budget Code and Identified Scheme/Programme	Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate		Programme/Scheme main Objective	Environment Sustainability Relevance	SDG Tagging	Activity Tagging
02-2404007960101 Training and Extension	69.47	11.58	20.00	80.00	13.33		On the establishment of 83 dairy units of 02 milch cattle in all the districts of the state, subsidy is to be provided to the beneficiaries of scheduled tribes and 285 male members of scheduled tribes are to be provided training related to animal management and nutrition in DNS Patna.	Sustainable Management and Efficient Use of Natural Resources	SDG 2 SDG 15	Programme Implementation Education and Awareness Subsidies Training and Capacity Building
02-2404007960102 Milk production and culture project by modern techniques-7 Nischay Pariyojana							COMFED is to set up modern milk processing plants in various milk unions of the state, construction of 05 cold storages to strengthen the marketing mechanism, a plant for production of Sudha bottled water and establishment of a break-fired boiler.		SDG 2 SDG 9 SDG 15	Technology and Infrastructure Training and Capacity Building Research & Development
<b>Total</b>	<b>69.47</b>	<b>11.58</b>		<b>30.00</b>			<b>155.00</b>	<b>18.33</b>		

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022 -23						Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Programme/Scheme main Objective	
		Actual Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate		Environment Sustainability Relevance	SDG Tagging
<b>Road Construction Department</b>								
1	41-5054033370102 Large Road				4246.00		1. Construction of State Highways under BSHP-II, IIaF-III. 2. Construction of Ganga Path. 3. Construction of R. Block to Digha Road. It has provisions for compulsory afforestation, conservation of biodiversity and ecological balance.	Sustainable Use of Land Climate Change Mitigation SDG 13 SDG 15  Programme Implementation Subsidies Training and Capacity Building
Total					4246.00			

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging	
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23				
<b>Building Construction Department</b>											
Budget Code and Identified Scheme/Programme	Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate						
1 03-4059010510101 Building Construction	7448.28	521.38	1176.00	16900.00	1183.00	100 percent fly ash bricks are being used in place of bricks, reflective and paint is being used, solar panels and sewage treatment plants are being promoted, rain water in all government buildings to recharge ground water. Arrangements are being made for harvesting, plantation is being promoted and trees that hinder construction are being planted at other places instead of being cut. LEDs in the electrical work of the building. Bulb is being used. Inverter based 4/5 star rating air conditioner is being used in air conditioning. Arrangements are being made to switch off electrical appliances/bulbs at all times. Action is being taken to obtain Green Rating Certificate for various newly constructed important buildings.	-	Green Infrastructure Climate Change Mitigation Sustainable Consumption	SDG 6 SDG 7 SDG 11 SDG 12 SDG 13	Programme Implementation Technology and Infrastructure	
2 03-4216017000101 Other Accommodation	17561.17	1229.28	3080.00	44000.00	3080.00						
3 03-4059800510110 Judicial Building				7.00	50.00	3.50					
4 03-4216017000102 Judicial Residential Building					7.00	50.00	3.50				
<b>Total</b>	<b>25009.45</b>	<b>1750.66</b>		<b>4270.00</b>	<b>61000.00</b>	<b>4270.00</b>					

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022 -23							Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Programme/Scheme main Objective	Environment Sustainability Relevance	
		Actual Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate				
<b>Water Resources Department</b>									
1	49-2705000010204 Pradhan Mantri Krishi Sinchaae Yojana			50.00	500.00	100.00	Under the command area development and water management Programme, a field irrigation drain will be constructed in an area of 3750 hectares. Apart from this, training of farmers and crop visualization will also be done.	Technology and Infrastructure Awareness Training and Capacity Building	
2	49-2705000010304 Pradhan Mantri Krishi Sinchaae Yojana	2726.00	272.60	116.60	3415.00	683.00	Food Security Improving Nutrition and Inclusive Agriculture	SDG 2 SDG 6	
3	49-4700800510207 Pradhan Mantri Krishi Sinchaae Yojana	1172.21	117.22	465.41	4063.00	812.60			
4	49-4700800510309 Pradhan Mantri Krishi Sinchaae Yojana	1895.62	189.56	327.98	6669.00	1333.80			
5	49-4700800050101 Survey and Investigation	232.05	23.21	97.50	500.00	100.00	Inclusive Water Management	Programme Implementation	

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022 -23							Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Programme/Scheme main Objective	Environment Sustainability Relevance	
Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate					
<b>Water Resources Department</b>									
6	49-4700800510102 Plan to Connect River Basins	1.15	0.12	60.00	500.00	100.00	Construction of Ganga Jal Udrav scheme for drinking water. Restoration of depleted irrigation potential in an area of 3786 hectares by Nikkish Pump Canal Scheme and restoration work of Chausea branch canal on Karmarnasha river.	Inclusive Water Management	Programme Implementation Technology and Infrastructure
7	49-4700800510104 Irrigation Generation Projects NABARD Loan Schemes	66218.76	6621.88	184.37	74400.00	18600.00	Paschim Koshi Canal Scheme, Bihul Weir Yojna, Goraul Weir Yojna, Baghela Ghat Weir Yojna, Pakpi Tikma, Baiwa Barrage, East Gandak.	SDG 2 SDG 6	
8	49-4700800510105 Irrigation Generation Projects (Work)	31711.74	31711.17	5860.88	46345.00	11586.25	Mtda, Gated Weir on Jhim River, Western Gandak Canal, Kundnath Reservoir Scheme, Check Dam on Nauma Irrigation River, Nauma Irrigation	Food Security Improving Nutrition and Inclusive Agriculture	
9	49-4700807890102 Irrigation Generation Projects (Work)	15169.96	1517.00	2540.00	26822.00	6705.50	Decreased irrigation potential will be restored under the scheme Batteshwar Sitan Pump Canal Scheme, Harangwai Irrigation Scheme, Veer Yojna in Halsi block of Lakhisarai district, etc.		

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23							Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Programme/Scheme main Objective	Environment Sustainability Relevance	
	Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate				
<b>Water Resources Department</b>									
10	49-4700800510310 North Koel Reservoir Project			500.00	1500.00	300.00	Remaining work of North Koel Canal Project will be completed.	Food Security Improving Nutrition and Inclusive Agriculture	SDG 2 SDG 6
11	49-4711010510110 Flood Control Projects (Works)	6972.64	697.26	3258.34	8400.00	840.00	By implementing 113 approved flood protection scheme, the work of protecting the embankments located on the rivers Gandak, Koshi, Budhi Gandak, Ganga etc. is in progress. This will provide protection to a large population of the state from floods.	Protection of Human Settlements Infrastructure and Natural Resources	Programme Implementation Technology and Infrastructure
12	49-4711017390104 Flood Control Projects (Works)	10191.09	2547.77	2112.00	23300.00	2330.00			
13	49-4711017960101 Flood Control Projects (Works)	1289.92	322.48	290.80	3133.00	313.30			

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging			
		2020-21		2021-22		2022-23							
		Actual Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate	Programme/Scheme main Objective	Programme/Scheme main Objective						
<b>Water Resources Department</b>													
14	49-4711010510111 Flood Control Projects (Works) NABARD Loan Schemes	5250.76	525.08	750.00	6000.00	600.00	Upgradation/strengthening/concreting/blackening of Burhi Gandak right embankment, Kamla left and right embankment, Manananda right embankment etc. will be done by implementing 6 other schemes.	Protection of Human Settlements Infrastructure and Natural Resources	SDG 2 SDG 6	Programme Implementation Technology and Infrastructure			
15	49-4711010510209 Accelerated Irrigation Benefit and Flood Management Programme and other Water Resource Programmes	34423.91	3442.39	4996.29	72800.00	7280.00	The main objective of the expenditure is to protect against floods and erosion, which will naturally contribute to environmental protection.	Natural Resource Management Sustainable Use of Land	SDG 2 SDG 6	Programme Implementation			
16	49-4711010510309 Accelerated Irrigation Benefit and Flood Management Programme and other Water Resource Programmes	15955.58	1595.56	3016.22	18416.00	1841.60				Programme Implementation Technology and Infrastructure			
17	49-4711010510212 River Management Activity and Works in Border Area	3484.32	348.43	1500.00	16500.00	1650.00	Spurs, studs, rivets located in Nepal part will be strengthened by implementing 19 other schemes.	Protection of Human Settlements Infrastructure and Natural Resources		Programme Implementation			

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	2022-23			
Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate	Programme/Scheme main Objective	Environment Sustainability Relevance	SDG Tagging	Activity Tagging		
<b>Water Resources Department</b>										
18	49-4700807890103 Har Khet Tak Sinchaee ka Pani, 7 Nischay Yojna-2			160.00	1600.00	400.00	Implementation of selected schemes under the Programme "Har Khet Tak Sinchaee ka Pani" under 7 Nischay Yojna-2	Food Security Improving Nutrition and Inclusive Agriculture	SDG 2 SDG 6	Programme Implementation Technology and Infrastructure
19	49-4700807960101 Har Khet Tak Sinchaee ka Pani, 7 Nischay Yojna-2			10.00	100.00	25.00				
20	49-4700800510106 Har Khet Tak Sinchaee ka Pani, 7 Nischay Yojna-2			830.00	8300.00	2075.00				
<b>Total</b>		<b>196695.71</b>		<b>21391.72</b>	<b>27126.39</b>	<b>323263.00</b>	<b>57676.05</b>			
<b>Information &amp; Public Relations Department</b>										
1	24-2220601060101 Regional Publicity Plan				8223.00	411.00	Wide publicity of Jal Jeewan Hariyali Abhiyan. Publicity of all the schemes of the government related to environmental protection-promotion for public awareness.	Green Infrastructure Climate Change Mitigation Sustainable Consumption	SDG 6 SDG 13 SDG 15	Education and Awareness
<b>Total</b>					<b>8223.00</b>	<b>411.00</b>				

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Programme/Scheme main Objective	
		Actual Budget	Actual Green Budget	Revised Green Budget	Budget Estimate	Green Budget Estimate	Environment Sustainability Relevance	SDG Tagging
<b>Transport Department</b>								
1	47-3055001990101 Mukhya Mantri Gramin ParivahanYojana				4500.00	675.00	In order to promote self-employment in the transport sector in all the blocks under the MMGPY, subsidy has been given on the purchase of vehicles, battery-operated, e-rickshaws, in addition to other vehicles, so that air pollution can be reduced.	Programme Implementation Subsidies Training and Capacity Building
2	47-3055007890101 Mukhya Mantri Gramin ParivahanYojana				5500.00	825.00		SDG 13 SDG 15
3	47-3055007980101 Mukhya Mantri Gramin ParivahanYojana				500.00	75.00		
<b>Total</b>					<b>10500.00</b>	<b>1575.00</b>		
<b>Total green contribution of 5-25% significance</b>		<b>324012.09</b>	<b>34381.12</b>	<b>66509.19</b>	<b>683187.36</b>	<b>92071.86</b>		

**Category 'F' - Green Budget Estimate 05% or Less (Marginal)**

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Green Budget Estimate			
Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Programme/Scheme main Objective						
<b>Urban Development and Housing Department</b>										
1	48-2217030510203 Housing for All (Urban)	10132.62	506.63	985.00						
2	48-2217030510303 Housing for All (Urban)	15669.59	783.48	390.00						
3	48-2217017890205 Housing for All (Urban)			240.00						
4	48-2217017890305 Housing for All (Urban)	799.58	39.97	70.00						
5	48-2217037890205 Housing for All (Urban)	2937.59	146.88	720.00						
6	48-2217037890305 Housing for All (Urban)	2667.80	133.39	145.00						
7	48-2217017960201 Housing for All (Urban)	104.48	5.22	13.75						
8	48-2217017960301 Housing for All (Urban)	49.99	2.50	5.00						
9	48-2217037960203 Housing for All (Urban)	214.20	10.71	41.25						
10	48-2217037960303 Housing for All (Urban)	179.73	9.99	10.00						

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging	
		2020-21	2020-21	2021-22	2022-23	2022-23	Green Budget Estimate				
Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate	Programme/Scheme main Objective	Environment Sustainability Relevance	SDG Tagging	Activity Tagging			
<b>Urban Development and Housing Department</b>											
11	48-3475001080202 Swarna Jayanti Shahari Roigar Yojana (NULLM)			206.25							
12	48-3475001080302 Swarna Jayanti Shahari Roigar Yojana (NULLM)			69.10							
13	48-3475007890202 Swarna Jayanti Shahari Roigar Yojana (NULLM)			160.00							
14	48-3475007890302 Swarna Jayanti Shahari Roigar Yojana (NULLM)			23.40							
15	48-3475007960202 Swarna Jayanti Shahari Roigar Yojana (NULLM)			8.75							
16	48-3475007960302 Swarna Jayanti Shahari Roigar Yojana (NULLM)			7.50							
<b>Total</b>		<b>32755.58</b>	<b>1638.76</b>	<b>3095.00</b>							

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Programme/Scheme main Objective			
<b>Rural Development Department</b>										
		Actual Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate					
1	42-2215021050104 Lohiya Swachh Abhiyan-2			250.00			All BPLs under Swachh Bharat Mission (Gramin) Families and APLs of the marked category. Families such as For Scheduled Castes, Scheduled Tribes, landless labourers, small and marginal farmers, women-headed households and physically handicapped households, household toilets are to be constructed with provision of water storage for washing hands and for use of household toilets. In addition to the marked category, the APLs of other categories. Families are not given benefits under the Swachh Bharat Mission (Gramin), there is a provision to encourage them under the Lohiya Swachhta Yojana by the state government.	Environmental Management Waste Management	SDG 6	Programme Implementation Subsidies Technology and Infrastructure
2	42-2215021050103 Lohiya Swachh Abhiyan-1			0.50			Under this scheme, the work of construction of toilets and solid waste management is done, so that the environment can be saved from getting polluted.	Waste Management / Pollution Reduction	SDG 6	Programme Implementation Education and Awareness
3	42-2215021050202 Swachh Bharat Mission (Rural)	7141.17	357.05	2400.00						
4	42-2215021050302 Swachh Bharat Mission (Rural)	441317.00	2215.85	300.00						

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23							Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Programme/Scheme main Objective	Environment Sustainability Relevance	
		Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate			
<b>Rural Development Department</b>									
5	42-2215027890204 Swachh Bharat Mission (Rural)	1629.42	81.47	3540.00	16000.00	800.00	Under this scheme, the work of construction of toilets and solid waste management is done, so that the environment can be saved from getting polluted.	Waste Management / Pollution Reduction	SDG 6
6	42-2215027890304 Swachh Bharat Mission (Rural)	11363.33	568.17	442.50	3000.00	150.00		Programme Implementation Education and Awareness	
7	42-2215027960206 Swachh Bharat Mission (Rural)	85.85	4.29	60.00	800.00	40.00			
8	42-2215027960306 Swachh Bharat Mission (Rural)	1136.33	56.82	7.50	150.00	7.50			
9	42-2501061010202 Rashtriya Gramin Aajeevika Mission (NRLM)	22345.49	1117.27	2220.00	65730.00	3286.50	Jeevika project is being implemented for the development, empowerment and eradication of rural poverty in Bihar. Under this scheme, there is a provision to provide loans through banks, as well as training is given in the direction of skill development and employment of the youth of the state.	Environmental Management	SDG 5 SDG 8
10	42-2501061010302 Rashtriya Gramin Aajeevika Mission (NRLM)	14549.80	727.49	1510.68	10836.00	541.80			
11	42-2501067890202 Rashtriya Gramin Aajeevika Mission (NRLM)	23878.47	1193.92	2164.50	53210.00	2660.50			
12	42-2501067890302 Rashtriya Gramin Aajeevika Mission (NRLM)	15717.60	785.88	1295.60	8772.00	438.60			

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Programme/Scheme main Objective	
Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate			Environment Sustainability Relevance	SDG Tagging
<b>Rural Development Department</b>								
13	42-2501067960202 Rashtriya Gramin Aajeevika Mission (NRLM)	16542.83	827.14	1165.50	37560.00	1878.00	Jeevika project is being implemented for the development, empowerment and eradication of rural poverty in Bihar. Under this scheme, there is a provision to provide loans through banks, as well as training is given in the direction of skill development and employment of the youth of the state.	Programme Implementation Education and Awareness Subsidies Training and Capacity Building
14	42-2501067960302 Rashtriya Gramin Aajeevika Mission (NRLM)	10882.72	544.14	907.05	6192.00	309.60		SDG 5 SDG 8
15	42-2515001020517 Bihar Gramin Aajeevika Pariyjana	23413.95	1170.70	2117.40	33600.00	1680.00	Environmental Management	
16	42-2515007890510 Bihar Gramin Aajeevika Pariyjana	9700.55	485.03	877.25	13920.00	696.00		
17	42-2515007960517 Bihar Gramin Aajeevika Pariyjana	334.10	16.71	30.25	480.00	24.00		

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Programme/Scheme main Objective			
<b>Rural Development Department</b>										
18	42-2501061010204 National Rural Livelihoods Mission				5040.00	252.00				
19	42-2501061010304 National Rural Livelihoods Mission				630.00	31.50				
20	42-2501061010205 National Rural Livelihoods Mission				252.00	12.60				
21	42-2501061010305 National Rural Livelihoods Mission				42.00	2.10				
22	42-2501061010206 National Rural Livelihoods Mission				42.00	2.10				
23	42-2501061010306 National Rural Livelihoods Mission				42.00	2.10				
24	42-2501067890203 National Rural Livelihoods Mission				4080.00	204.00				
25	42-2501067890303 National Rural Livelihoods Mission				510.00	25.50				
26	42-2501067890204 National Rural Livelihoods Mission				204.00	10.20				

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23							Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Programme/Scheme main Objective	Environment Sustainability Relevance	
Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate					
<b>Rural Development Department</b>									
27	42-2501067890304 National Rural Livelihoods Mission			34.00	1.70				
28	42-2501067890205 National Rural Livelihoods Mission			34.00	1.70				
29	42-2501067890305 National Rural Livelihoods Mission			34.00	1.70				
30	42-2501067960203 National Rural Livelihoods Mission			2880.00	144.00				
31	42-2501067960303 National Rural Livelihoods Mission			360.00	18.00				
32	42-2501067960204 National Rural Livelihoods Mission			144.00	7.20				
33	42-2501067960304 National Rural Livelihoods Mission			24.00	1.20				
34	42-2501067960205 National Rural Livelihoods Mission			24.00	1.20				
35	42-2501067960305 National Rural Livelihoods Mission			24.00	1.20				
<b>Total</b>		<b>600038.61</b>	<b>10151.92</b>	<b>19288.74</b>	<b>264650.00</b>	<b>13232.50</b>			

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Programme/Scheme main Objective			
<b>Animal and Fisheries Resources Department</b>										
1	02-2404001020115 Gavya Farm Yojana	10958.36		100.00	6387.00	65.52				
2	02-2404007890101 Gramin Dairy Rojgar Yojana	1282.56		80.00	1280.00	53.33				
3	02-2404001020116 Milk production and processing project by modern techniques. 7 Nischay Yojna			212.75	6225.00	106.38	Under this project, milk production is to be promoted by using modern techniques.	SDG 2 Environmental Management		
4	02-2404007890103 Milk production and processing project by modern techniques. 7 Nischay Yojna			58.44	1200.00	29.22				
5	02-2405001090102 Fish Breeding				1620.05	81.00	Under this project, overall fisheries development of the state's reservoirs through scientific management	SDG 14 Education and Awareness		
<b>Total</b>		<b>12240.92</b>		<b>451.19</b>	<b>16712.05</b>	<b>335.45</b>				

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23							Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Programme/Scheme main Objective	Environment Sustainability Relevance	
	Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate				
<b>Road Construction Department</b>									
1	41-5054033370508 Road	129364.40	3856.00	3857.00	156300.00	4689.00	Construction of State Highways under BSHP-II, IIAF-III, Construction of Ganga Path, Construction of F-Block to Digha Road These have provisions for compulsory afforestation, conservation of biodiversity and ecological balance.	Sustainable Land Use, Climate Change Mitigation	
2	41-5054033370102 Large Road	61141.06	17.06		3152.97	94.58		SDG 13 SDG 15	
3	41-5054037890101 Large Road	44518.05	191.32	280.00	63236.00	1897.08		Programme Implementation Technology and Infrastructure	
<b>Total</b>		<b>238023.51</b>	<b>4064.38</b>	<b>4137.00</b>	<b>222688.97</b>	<b>6680.66</b>			

Financial Year 2022-23							(Rs in Lakh)			
Sl. No.	Budget Code and Identified Scheme/Programme	2020-21	2020-21	2021-22	2022-23	2022-23	Programme/Scheme main Objective	Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		Actual Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate					
<b>Tourism Department</b>										
1	46-5452011010104 Development of Tourist Infrastructure	3867.53	207.42	500.00	15500.00	400.00	Under this scheme has been approved for water supply in Abhishek Pushkarini Sarovar near Vishwa Shanti Stupa in Vaishali district. Presently the said lake is full of silt. Water supply is being arranged in this lake from the point of view of technical and environmental protection. Under this, for the convenience of the tourists, road facilities such as dhabas/line hotels/motels etc. have to be upgraded and standardized in the tourist circuit. This will provide convenience to the tourists. Toilets are also to be constructed under this scheme, which will get rid of open defecation. Along with this, the protection of the environment will also help a lot.	Sustainable Land Use Green Infrastructure Green Economy	SDG 6 SDG 12	Programme Implementation
	<b>Total</b>	<b>3867.53</b>	<b>207.42</b>	<b>500.00</b>	<b>15500.00</b>	<b>400.00</b>				

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23							Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Green Budget Estimate	Programme/Scheme main Objective			
<b>Education Department</b>											
Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate								
1	21-22202010010105 Educational Seminars, Workshops and Various Educational Events and Festivals	91.25	4.56	25.00	500.00	25.00		Under elementary education, there is a provision of workshops and various seminars to make students aware and sensitized about tree plantation in primary and middle schools.	SDG 4	SDG 13	
2	21-22202011090103 Middle School Student Tour			58.45	10.00	0.20	Through school tours, students become aware of the environment and are determined to make the environment clean and beautiful.	Environmental Management	Programme Implementation Education and Awareness Skill Development		
3	21-22202010010107 Subsidies to Bihar Bal Bhawan	378.00		30.00	1000.00	30.00	Skill development for childrens of sustainable product making			SDG 7	
4	21-22202021090110 Mukhya Mantri Bihar Darshan Yojana					100.00	2.00	Under this scheme, children studying in secondary and higher secondary schools are made to visit the major biological parks and tourist places of Bihar, due to which the students become aware of the environment and are determined to make the environment clean and beautiful.	SDG 9	SDG 13	

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Programme/Scheme main Objective	
		Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate	Environment Sustainability Relevance	SDG Tagging
<b>Education Department</b>								
5	21-4202012010105 Primary School Building Construction			20000.00	15.00	Bihar Educational Infrastructure Corporation Limited has directed the construction of such a building that the house should be skylighted and there is minimum requirement of electricity during the day. Solar lights are being arranged on the roof. Environmental awareness is also being depicted on the wall.	Environmental Management	SDG 7 SDG 9 SDG 13
6	21-4202012020103 Middle School Building Construction				17000.00	498.00		

Sl. No.	Budget Code and Identified Scheme/Programme	Financial Year 2022-23						Activity Tagging
		2020-21	2020-21	2021-22	2022-23	2022-23	Programme/Scheme main Objective	
	Actual Budget	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate			
<b>Education Department</b>								
7	21-2202010010002 Encourage for Social Festival			20.00	0.40	Under primary education, there is a provision for workshops and various seminars to make students aware and sensitive about tree plantation in primary and middle schools.	Environmental Management	Programme Implementation Education and Awareness Skill Development
8	21-2202011090004 Encouragement for Social Festival in Schools			5.00	0.10	Under primary education, there is a provision for workshops and various seminars to make students aware and sensitive about tree plantation in primary and middle schools.	SDG 4 SDG 15	
<b>Total</b>		<b>7826.82</b>	<b>4.56</b>	<b>113.45</b>	<b>38635.00</b>	<b>570.70</b>		

Financial Year 2022-23							(Rs in Lakh)				
Sl. No.	Budget Code and Identified Scheme/Programme	2020-21		2021-22		2022-23		Programme/Scheme main Objective	Environment Sustainability Relevance	SDG Tagging	Activity Tagging
		Actual Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate	2022-23					
<b>Information &amp; Public Relations Department</b>											
1	24-2220601060101 Regional Publicity Scheme	7885.47	1061.00	411.00			Under this scheme, water life, greenery mission and other environmental related schemes are being implemented through various mediums such as outdoor publicity, documentary/film production and display, publications, decorative advertisements, press related Programmes, exhibitions, road shows, songs, plays, to be done through mass media, social media etc.	Environmental Management	SDG 13 SDG 15	Education and Awareness	
	<b>Total</b>	<b>7885.47</b>	<b>1061.00</b>	<b>411.00</b>							
<b>Building Construction Department</b>											
1	03-2059800530001 Maintenance and Repair	12952.86	906.70	0.98	32500.00	0.98	Expenditure is to be made on the maintenance and repair of government buildings.	Environmental Management	SDG 9	Programme Implementation	
	<b>Total</b>	<b>12952.86</b>	<b>906.70</b>	<b>0.98</b>	<b>32500.00</b>	<b>0.98</b>					
	<b>Total green contribution of 0-5% significance</b>	<b>1269481.52</b>	<b>35729.26</b>	<b>51192.79</b>	<b>1307826.02</b>	<b>48788.31</b>					
	<b>Total Green Budget</b>	<b>2018137.59</b>	<b>330752.73</b>	<b>782812.17</b>	<b>2838041.72</b>	<b>771024.74</b>					





बिहार सरकार

Government of Bihar  
Finance Department