



Government of Bihar
Finance Department



GREEN BUDGET

2023-24





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Preface

As the world continues to grapple with the ongoing global environmental crisis, the need for sustainable finance and green investments has become even more pressing than before. The COP27 has been remarked as the year of collective decision-making to establish dedicated funding provisions to assist developing countries to respond to loss and damage¹. It has also recognized the disproportionate impact of climate change on developing countries, thus the need for global cooperation to address the challenges of climate change. Even the Montreal Conference on Biodiversity (COP15) emphasized mobilizing USD 200 billion annually as a special package to reverse biodiversity losses by 2030². Furthermore, the G20 presidency of India this year has provided a unique opportunity to harmonize green taxonomies, promote public-private partnerships and mobilize green budget tagging to encourage governments' efforts towards achieving net-zero emissions by the committed timeline³. Both COP27 and COP15 underscored the relevance of financial budget planning and tagging as a tool for streamlining mitigation and adaptation action aligned with the emerging climate risks for development. Nevertheless, there is a significant gap in financial provisioning and integrating desired climate actions within the fiscal scope of the State government. Bihar as an emerging market has a crucial role to play in achieving sustainable growth and in unlocking environmentally conscious policies for private investment.

It is the fourth year of green budgeting in Bihar and this indicates a proactive step by the State government towards incorporating sustainability in its fiscal decision-making process. This approach has not only indicated the State government's commitment to provisioning sustainability under the fiscal scope but it has also encouraged sector-conscious programming and budgetary planning.

Green budgeting practices in Bihar have also apparently indicated the state's preference for contributions by the private sector towards achieving sustainability. The success of such tagging hugely relies on the collective action of stakeholders, especially government departments, civil society and the private sector to attain sustainable development goals and the target set by the State government.

1 UN Climate Press Release, 20 November 2022: <https://unfccc.int/news/cop27-reaches-breakthrough-agreement-on-new-loss-and-damage-fund-for-vulnerable-countries>

2 Official CBD Press Release - 19 December 2022, Montreal: <https://www.cbd.int/article/cop15-cbd-press-release-final-19dec2022>

3 Unlocking Sustainable Finance for Green Transition India's Priorities for its G20 Presidency in 2023, Prachi Agarwal: <https://www.orfonline.org/wp-content/uploads/2022/08/Green-Transition.pdf>

GREEN BUDGET

Introduction

As the country has embarked upon the journey of achieving the long-term net-zero economic transition target by 2030, India presented an updated NDCs⁴ to the UNFCCC⁵ on August 23, 2022. Aligned with the national target, in 2021, the Bihar government committed to preparing medium- to long-term strategies in partnership with UNEP to pursue a climate-resilient and low-carbon development target.

Since FY 2020-21, the Bihar government is presenting a green budget that has broader focus on incorporating sustainability considerations in policy planning and implementation processes. This exercise aims to align budgetary tracking and tagging with local and national environmental targets and commitments. It has also been considered as a toolkit to analyze the sectoral environmental orientation and their prioritized green allocations.

The role of green budget tagging in sustainable development has been recognized globally and is now considered a critical tool for achieving environmental sustainability targets. For instance, target 17.14 of SDG 17 categorically emphasizes the need for enhancing policy coherence for sustainable development⁶. Green budget tagging is significant in mainstreaming sustainability outcomes in macroeconomic policy formation such as encouraging interest rates for green economic investment and budgetary alignment with sustainability objectives. This approach provides deeper insights into sectoral interventions and focuses on the aggregation of allocations and expenditures which reflects systemic inefficiencies, sectoral disparities and other quantitative challenges that may have emerged due to inadequate green budgetary provisions.

Based on the SDG performance and intended medium- to long-term vision, the state's Finance department has identified 8 priority sectors and 19 stakeholder departments as part of green budget tagging. This department also views green budgeting as a critical framework for monitoring sectoral functioning and disseminating environmental consciousness, aligned with the larger objectives of Jal-Jeevan-Hariyali Abhiyan.

4 Nationally Determined Contributions (NDC): <https://unfccc.int/sites/default/files/NDC/2022-08/India%20Updated%20First%20Nationally%20Determined%20Contrib.pdf>

5 United Nations Framework Convention on Climate Change (UNFCCC)

6 SDG Goal 17: Revitalize the global partnership for sustainable development
<https://www.un.org/sustainabledevelopment/globalpartnerships/>

Approach: Green Budget Tagging

The functional framework of the green budget preparation has been kept elementary at all possible levels. Consciously, it has been made a comprehensive participatory tagging practice. The preliminary green budget tagging exercise is expected to be performed by the concerned budget and planning officers from the stakeholder departments. For the preparation of such budget documents, necessary attention by the stakeholder department towards consultations for policy framing, adherence to the tagging methodology and cohesive responses for green actions is recommended. This approach has the potential to strengthen the monitoring framework to achieve desired sectoral fiscal outcomes. To achieve the state's environmental sustainability objective, the foundational principles of the green budget tagging and tracking exercise can be referred to as illustrated in Figure 1.

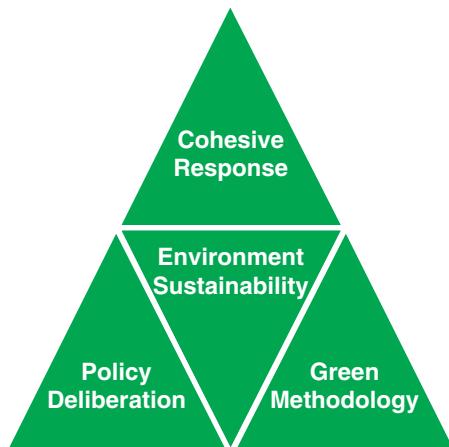


Figure 1: Green Budgeting Framework

As a mapping toolkit, the green budget tagging exercise provides deeper insights into sectoral interventions. It also focuses on the aggregation of allocations and expenditures on green-centric schemes or programmes that address systemic inefficiencies, regional disparities and other pressing challenges arising due to inadequate budgetary provisions. It also promotes the strengthening of inter-departmental coordination for a cohesive response towards the environmental sustainability agenda of the state and the country together. Since public spending is considered to be an indicator of governments' actions towards achieving intended goals, green budget tagging can be potentially placed as a tool for policymakers to re-orient tax mechanisms, subsidiary support, investment opportunity etc. for achieving the green targets.

The green budget tagging is at the nascent stage of development and is still evolving in terms of gaining acceptance as a robust policy toolkit. In the subsequent years, it can further present a comprehensive analysis of the actual expenditure over the budgeted expenditure. Figure 2 illustrates the principal defining framework that considers 8 thematic domains as sustainability-promoting or encouraging practices.

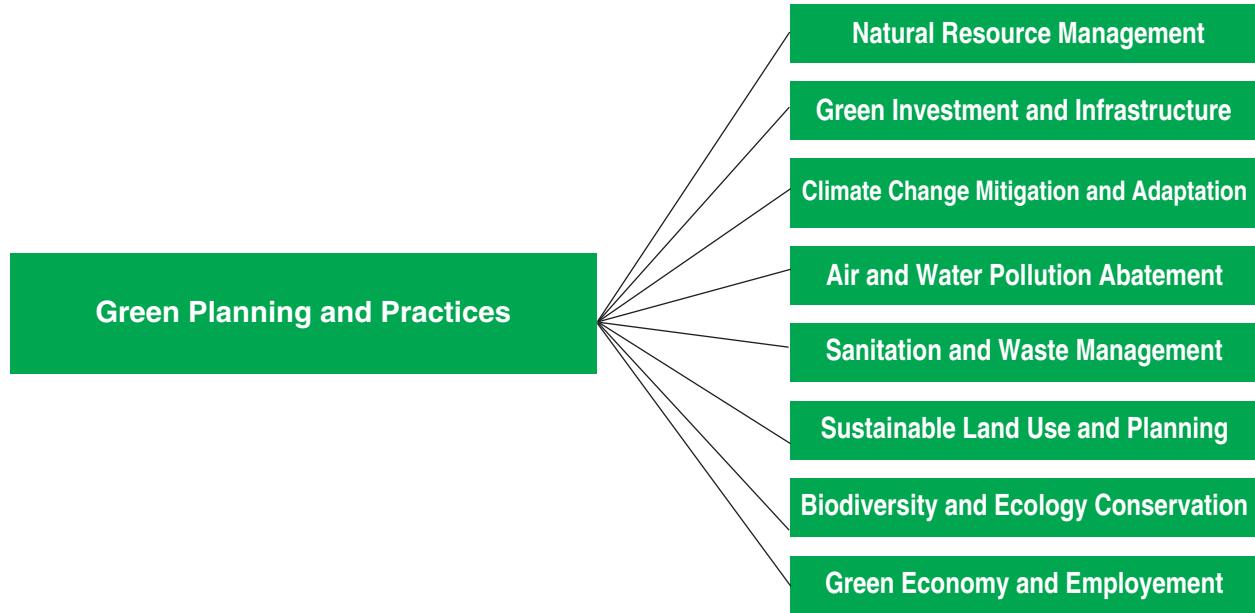


Figure 2: Thematic Aspects of the Green Budget

Being a state with several limitations, protecting and conserving available natural resources and improving SDG performance in Bihar is very important. Green budget tagging presents a simplified mechanism for issue-based financial budgetary mapping, like other budgetary exercises such as the Climate Budget, Child Budget and Gender Budget. The general guidance for this is obtained based on the alignment of schemes' objectives and components or activities with relevant national and international commitments and policy frameworks. This exercise focuses on identifying and scrutinizing programme-level budgetary provisions towards achieving green or environmentally sustainable outcomes. The green budget tagging approach has been derived from the SDG⁷ and Rio-Markers⁸ framework. Similar to the previous year's budget, the following tagging and tracking steps were followed for preparing Bihar's green budget for the financial year 2023-24:

Step I

Identified programme-level interventions committed by stakeholder departments from their annual schemes and budget plans. For this purpose, the programme-specific guidelines and objectives, obtained from various sources were reviewed. Also, those schemes were identified that had activities or components directly or indirectly relevant to the green or environmental sustainability objectives;

Step II

As per the prescribed proforma, the relevant schemes' plans and budgetary provisions

⁷ SDG Index and Dashboards: Detailed Methodological Paper; Guillaume Lafortune, Grayson Fuller, JorgeMoreno, Guido Schmidt-Traub, Christian Kroll; September 2018:
<https://github.com/sdsma/2018GlobalIndex/raw/master/2018GlobalIndexMethodology.pdf>

⁸ OECD DAC Rio Markers for Climate; Handbook:
https://www.oecd.org/dac/environment-development/Revised%20climate%20marker%20handbook_FINAL.pdf

were collected from the concerned stakeholder departments. Need-based technical handholding and discussions were facilitated by the Department of Finance. This helped in streamlining the budget tracking and data inventory management;

Step III

To avoid double-counting of schemes and their budgetary provisions, a 'tagging and tracking' method was followed. The department-wise and scheme-wise budget codes were referred to as standard principles for tracking relevant schemes or programmes. Furthermore, the codes were tagged with different SDGs and green or environmentally sustainable planning and practices.

Table 1: Approach Adopted for Preparing the Green Budget

Estimating Budgetary Provisions and Expenditures	Identification of stakeholder departments, aligned with green planning and practice objectives.	Scrutiny of the departmental overall objectives through their annual progress reports.
		Scrutiny of the departmental policies and flagship initiatives, aligned with green objectives.
	Tracking of schemes and programmes contributing toward green planning and practices.	Scrutiny of the departmental schemes and programmes that align with the green objectives.
		Stakeholder consultation for tracking the departmental fiscal plan, its target, and achievements.
	Tagging of budgetary allocations and expenditures to the tracked schemes and programmes.	Collection of department-wise and schemes-wise budgetary provisions from the fiscal budget outlay.
		Collation of green budget provisions from the departmental budgetary allocation and expenditure.
		Scrutiny of the green activity significance of the tagged schemes and programmes.

For this purpose, SDG mapping and Rio-Marker's standard framework were referred to as a methodology for tracking and tagging. Each scheme, its objectives and its components were reviewed in detail for categorizing them into different significance ranges, as explained below in Table-2. Various components of the schemes were tracked to arrive at the cumulative schemes score. This is based on the alignment of the components of the schemes with the 'action objectives and activity points'. The process is also linked with standard frames such as the National Action Plan on Climate Change (NAPCC), State

Action Plan on Climate Change (SAPCC) by Bihar Government, National Biodiversity Strategy and Action Plan (NBSAP) and the existing documents on the classification of activities (e.g. Classification of Environmental Protection Activities and Expenditure (CEPA), Classification of Environmental Activities (CEA), BIOFIN classification). Based on the tracked scheme-wise scoring, different schemes' budget codes were tagged 'Green'.

Table 2: Green Component and Environmental Sustainability Significance

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

Note:

- The analysis of the programmewise budget estimates is not sufficient to evaluate the compliance with national and international goals/ commitments of environmental sustainability;
- The green budget has accounted only for gross budget estimates and actuals identified by selective department-wise schemes and programmes, hence the results do not express complete estimates 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 as it has the scope to bring together important agendas such as climate change, biodiversity, environmental policy, public finance and budget, green economy, etc.

Status of Environmental Sustainability: Bihar

Bihar is a land-locked state, with a population of around 104 million (Census 2011) and having a high population density of around 1106 persons per sq. km. (much higher than the national average of 382 persons per sq. km.)⁹. The State is situated in the middle of the Indo-Gangetic plain and has a total geographical area of 94,163 sq. km., which is around 2.86 percent of the total geographical area of India. The state's annual average rainfall in 2021 was 1413.9 mm and the average minimum temperature stood at 3°C, while its average maximum temperature touched 42.5°C¹⁰. Table 3 reflects the status of relevant environmental sustainability indicators in Bihar.

On the other hand, Bihar's overall SDG performance has improved in certain areas 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), Good Health and Well-Being (from 44 in 2019 to 66 in 2020) and has deteriorated in certain goals such as Climate Action (from 43 in 2019 to 16 in 2020), Industry, Innovation and Infrastructure (from 47 in 2019 to 24 in 2020)¹¹.

In line with the updated NDCs, India has increased its cumulative energy efficiency target to 150 MTOE by 2030 across the country. Since access to energy accounts for 75% of total greenhouse gas emissions, improving energy efficiency has been observed as imperative to emissions reduction targets. As per the NITI Aayog's State Energy & Climate Index (SECI), the state's efforts for improving the energy have been measured on 27 key performance indicators and 6 broader parameters, i.e. DISCOM's performance, access, affordability and reliability, clean energy initiatives, energy efficiency, environmental sustainability and new initiatives. Based on the cumulative assessment, Bihar has scored 38.3 out of 100 and ranked 15th out of 20 in the larger states category¹². In the environmental sustainability ranking, the state has scored 33.7 and stands 12th. The overall state's performance indicates greater scope for improvement in terms of clean energy initiatives, energy efficiency, environmental sustainability and new initiatives.

The forest cover of Bihar spans around 7,442 sq.km. which has grown by 565 sq.km. since 2019. Whereas the composite green cover of the state is recorded at 13,896 sq.km. which includes tree cover inside and outside the forest area. It indicates around 14.75 percent of the state's green cover to the total geographical area, analyzed by the Forest Survey of India using high-resolution satellite data (LISSS-IV, 5.8m)¹³. In terms of biodiversity of the state, around 3,738 sq.km. area falls under a protected biodiversity area with 13 parks and sanctuaries which include 5 dedicated bird sanctuaries, 1 tiger sanctuary and 1 dedicated dolphin sanctuary. The state also has 21,998 wetlands with a rich diversity cover of around 4,03,209 ha. which includes 37 with more than 100 ha area cover, 17,582 with less than 2.25 ha. area cover and remaining with more than 2.25 ha. area cover.

9 Census of India 2011: https://censusindia.gov.in/2011-prov-results/data_files/bihar/Provisional%20Population%20Totals%202011-Bihar.pdf

10 Bihar Economic Survey 2022-23: <https://drive.google.com/file/d/1BsSosdkAKXYgJQMRzeAvFhLFnIrAgyDY/view>

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

12 State Energy and Climate Index Report, Round I; April 2022: <https://www.niti.gov.in/sites/default/files/2022-04/StateEnergy-and-ClimateIndexRoundI-10-04-2022.pdf>

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

Table 3: Status of Environment in Bihar

Indicators	State's position	Remarks
General¹⁴		
Population	104,099,452	Bihar is the third largest state in India in terms of population.
Geographical Area	94,163 km ²	Bihar is the 12th largest state of India in terms of territory.
Population Density	1,106/km ²	Bihar ranked 1st among all the states.
Sustainability Indices		
Climate Change Vulnerability Ranking ¹⁵	6th	Bihar along with Jharkhand, Mizoram, Odisha, Chhattisgarh and Assam have a high climate change vulnerability.
State Energy Efficiency Index Score ¹⁶	21	From 2020-21 to 2021-22, the score improved by 5 points.
State Energy & Climate Index Score ¹⁷	38.3	Out of 20 states, Bihar ranked 15th in the larger states categories.
Environmental Sustainability Score ¹⁸	33.7	Out of 20 states, Bihar ranked 12th in the larger states categories.
Composite Water Management Index Score ¹⁹	37.8	From 2016-17 to 2017-18, the score decreased by 0.3 and ranked 16 out of 17 states.
Sustainable Development Goal Ranking ²⁰ (Overall)	28th	From 2019 to 2020, the composite score improved from 50 to 52 points.
Clean Water and Sanitation Score ²¹ (Goal 6)	91	From 2019 to 2020, the composite score improved by 11 points.
Affordable and Clean Energy Score ²² (Goal 7)	78	From 2019 to 2020, the composite score improved by 16 points.

14 Census of India 2011: https://censusindia.gov.in/2011-prov-results/data_files/bihar/Provisional%20Population%20Totals%202011-Bihar.pdf

15 Climate Vulnerability Assessment framework: <https://dst.gov.in/sites/default/files/Full%20Report%20%281%29.pdf>

16 State Energy Efficiency Index, 2021-22: <https://stateenergyefficiencyindex.in/state-performance-summary/>

17 State Energy and Climate Index: Round-I. <https://www.niti.gov.in/sites/default/files/2022-04/StateEnergy-and-ClimateIndexRoundI-10-04-2022.pdf>

18 State Energy and Climate Index: Round-I. <https://www.niti.gov.in/sites/default/files/2022-04/StateEnergy-and-ClimateIndexRoundI-10-04-2022.pdf>

19 Composite Water Management Index Niti Aayog, August 2019: https://social.niti.gov.in/uploads/sample/water_index_report2.pdf

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

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

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

Indicators	State's position	Remarks
Life on Land ²⁴ (Goal 15)	62	From 2019 to 2020, the composite score improved by 9 points.
Land Utilization^{25,26}		
Wasteland (% of Geographical area)	7.69 lakh ha (8.17%)	Since 2008-09, the total area of wasteland has decreased by 1.13 lakh hectares.
Land Unavailable for Cultivation	21.82 lakh ha	Since 2019-20, the land unavailable for agriculture has increased by 0.16 lakh hectares.
Fallow Land	12.02 lakh ha	Since 2019-20, there has been a 0.16 lakh hectare rise in fallow land.
Uncultivated Land Excluding Fallow Land	2.6476 lakh ha	Since 2018-19, there has been no increase.
Gross Sown Area	72.65 lakh ha	Since 2019-20, there is a decline of 0.31 lakh hectares.
Forest²⁷		
Recorded Forest Area	7442 km ²	Since 2019, the forest area has grown by 565 km ² .
Trees outside Forest ²⁸	6454 km ²	Tree cover outside the forest area carried out by the Forest Survey of India using high-resolution satellite data (LISSS-IV, 5.8m) ²⁹
Forest and Tree Cover (Geographical Area %)	13896 km ² (14.75%)	
Very Dense Forest	333 km ²	Since 2019, there has been no rise.
Moderately Dense Forest	3286 km ²	Since 2019, an increase of 6 km ² has been recorded.
Open Forest	3762 km ²	An increase of 69 km ² has been recorded since 2019.

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

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

25 Wastelands Atlas of India 2019: https://dolr.gov.in/sites/default/files/Bihar_1.pdf

26 Land Use Statistics, MoA, GOI: <https://aps.dac.gov.in/LUS/index.htm>

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

28 Bihar Economic Survey, 2022-23: <https://drive.google.com/file/d/1BsSosdkAKXYgJQMRzeAvFhLFnlrAgyDY/view>

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

Indicators	State's position	Remarks
Total Forest Cover (Geographical Area %)	7381 km ² (7.84%)	An increase of 75 km ² has been recorded, since 2019.
Change in Forest Cover	1.03%	Bihar is ranked sixth out of India's 36 states and union territories in changing forest cover since 2019 levels.
Tree Cover	2341 km ²	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 of 1.642 million tonnes.
Growing Stock	71.56 mcm	An increase of 4.37 million cubic meters from 2019.
Ground Water ³⁰		
Annual Ground Water Recharge (till 2022)	33.15 bcm	Bihar's annual groundwater recharge is higher than that of all Indian states and union territories except Uttar Pradesh (71.45 bcm) and Madhya Pradesh (35.23 bcm).
Annual Extractable Ground Water Resource (till 2022)	30.04 bcm	The total annual extractable groundwater resources exceed that of all Indian states and union territories except Uttar Pradesh (65.30 bcm), Madhya Pradesh (32.58 bcm), and Maharashtra (30.45 bcm).
Annual Ground Water Extraction for Irrigation, Domestic & Industrial uses (till 2022)	13.50 bcm	Bihar's annual groundwater extraction for irrigation, domestic and industrial use is less than the following states- Punjab (28.02 bcm), Tamil Nadu (14.43 bcm), Rajasthan (16.56 bcm), Maharashtra (16.65 bcm), Madhya Pradesh (19.25 bcm), Uttar Pradesh (46.14 bcm).
Stage of Ground Water Extraction	44.94%	The groundwater extraction stage of Bihar has decreased to 44.94% in 2022 from 51.41% in 2020.

30 Groundwater Resource of India 2022: <http://cgwb.gov.in/documents/2022-11-11-GWRA%202022.pdf>

Indicators	State's position	Remarks
Waste Management³¹		
Sewage Generation	2,276 MLD	Bihar's sewage generation is more than the following states - Assam, Arunachal Pradesh, Chhattisgarh, Himachal Pradesh, Jharkhand, Odisha, Punjab, and Uttarakhand.
Sewage Treatment Capacity (Installed)	10 MLD	Bihar has the lowest capacity among all the states.
Sewage Treatment Capacity (Proposed)	621 MLD	
Actual quantity treated	0 MLD	Bihar has no progress, as it has not utilized the treatment capacity yet.
Installed Municipal STPs	1	Bihar has the lowest capacity among all the states.
Proposed Municipal STPs	24	
Water Pollution³²		
Iron (permissible > 1 mg/l)	21709 wards	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)	4709 wards	Affected districts in Bihar– Begusarai, Bhagalpur, Bhojpur, Buxar, Darbhanga, Katihar, Khagaria, Kishanganj, Lakhisarai, Munger, Patna, Purnia, Samastipur, Saran, Vaishali.
Fluoride (permissible >1.5 mg/l)	3789 wards	Affected districts in Bihar- Aurangabad, Banka, Bhagalpur, Gaya, Jamui, Kaimur (Bhabua), Munger, Nawada, Rohtas, Sheikhpura, Nalanda, Lakhisarai.

31 National Inventory of Sewage Treatment Plants 2021:
<https://cpcb.nic.in/openpdffile.php?id=UmVwb3J0RmlsZXMuMTIyOF8xNjE1MTk2MzlyX21lZGlhcGhvdG85NTY0LnBkZg==>

32 Bihar Economic Survey, 2022-23: <https://drive.google.com/file/d/1BsSosdkAKXYgJQMRzeAvFhLFnIrAgyDY/view>

Indicators	State's position	Remarks
Air Pollution³³		
Particulate Matter 2.5 (avg. concentration)	79 µg/m ³	Decrease in concentration of 3 µg/m ³ in 2022 from 2021.
Particulate Matter 10 (avg. concentration)	166 µg/m ³	Decrease in concentration of 3 µg/m ³ in 2022 from 2021.
Sulfur Oxides (avg. concentration)	8 µg/m ³	The concentration of Sox has remained constant in 2022 from 2021.
Nitrogen Oxides (avg. concentration)	35 µg/m ³	Increase in concentration of 3 µg/m ³ in 2022 from 2021.
Climate³⁴		
Annual Temperature	3.0°C min, 42.5°C max	The annual average maximum temperature was 0.3°C less than the long-time average, and the annual minimum temperature was warmer than the long-time average by 0.4°C in 2021.
Annual Rainfall	1413.9 mm	An increase in annual rainfall of 28.9 mm has been recorded in 2021 compared to 2020.
Mean Wind Speed	5.1 km/hr	In Gaya, a maximum wind speed of 6.9 kmph was recorded.
Disaster^{35,36}		
Heat Wave	6 days	In comparison to 2021, Bihar's extreme heat wave days increased by 5 days in 2022.
Cold Wave	3 days	In comparison to 2021, Bihar's extreme cold wave days decreased by 10 days in 2022.

33 CAAQMS Dashboard - NCAP Tracker: <https://ncaptracker.in/caaqms-dashboard>

34 Bihar Economic Survey, 2022-23: <https://drive.google.com/file/d/1BsSosdkAKXYgJQMRzeAvFhLFnIrAgyDY/view>

35 Bihar Economic Survey, 2022-23: <https://drive.google.com/file/d/1BsSosdkAKXYgJQMRzeAvFhLFnIrAgyDY/view>

36 India Meteorological Department, Ministry of Earth Sciences

Indicators	State's position	Remarks
Flood-Affected Districts	32	East Champaran, Sheohar, Sitamarhi, Katihar, Madhubani, Vaishali, Muzaffarpur, Darbhanga, Samastipur, Madhepura, Supaul, Saharsa, Khagaria, Begusarai, Bhagalpur, Munger, West Champaran, Gopalganj, Siwan, Saran, Buxar, Bhojpur, Patna, Nalanda, Lakhisarai, Sheikhpora, Purnia, Araria, Kishanganj, Gaya, Kaimur, and Jehanabad were most affected in 2021.
Drought-Affected Districts	13	Gaya, Nawada Jamui, Nalanda, Lakhisarai, Jehanabad, Arwal, Aurangabad, Kaimur, Bhojpur, Buxar, Rohtas, and Banka were the worst drought-affected districts.
Biodiversity ^{37,38,39}		
Protected Area	3738.28 km ²	Terrestrial Protected Areas including parks and sanctuaries of Bihar are more than that of Haryana, Jharkhand, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, and Telangana.
Parks and Sanctuary	13	Valmiki Tiger Reserve, Udaipur Wildlife Sanctuary, Kaimur Wildlife Sanctuary, Gautam Buddha Wildlife Sanctuary, Bhimbandh Wildlife Sanctuary, Rajgir Wildlife Sanctuary, Rajauli Wildlife Sanctuary, Vikramshila Gangetic Dolphin Sanctuary, Nagi Dam Bird Sanctuary, Nakti Dam Bird Sanctuary, Kanwar Jheel Bird Sanctuary, Kusheshwarasthan Bird Sanctuary, Baraila Jheel Bird Sanctuary

37 Environment, Forest & Climate Change Department, Government of Bihar Annual Report 2022-23:
<https://state.bihar.gov.in/forest/cache/36/Hariyali%20Mission/Annual%20Report/22-23.pdf>

38 Status of Tigers 2022: https://ntca.gov.in/assets/uploads/Reports/AITM/Status_Tigers_2022_Summary-1.pdf

39 Status of Leopard in India, 2018-Final Report:

https://ntca.gov.in/assets/uploads/Reports/AITM/Status_Leopard_Report_2018_web.pdf

Indicators	State's position	Remarks
Dedicated Bird Sanctuary	5	Kusheshwarasthan Bird Sanctuary (Darbhanga), Baraila Jheel Bird Sanctuary (Hajipur), Nagi Dam Bird Sanctuary (Jamui), Nakti Dam Bird Sanctuary (Jamui), Kanwar Jheel Bird Sanctuary (Begusarai)
Dedicated Tiger Sanctuary	1	Valmiki Tiger Reserve is the only tiger reserve in the West Champaran district of Bihar.
Dedicated Dolphin Sanctuary	1	Vikramshila Gangetic Dolphin Sanctuary is located in the Bhagalpur district of Bihar.
Tiger Population	31	The number of tigers in the Valmiki Tiger Reserve (VTR) in West Champaran district of Bihar is found between 26 and 37 in the 2018 census.
Leopard Population	98	The number of leopards found in Bihar is between 90 and 106 according to the 2018 census.
Elephant Population	25	The presence of elephants in Bihar is due to movement from neighboring regions such as Jharkhand, Orissa, Chhattisgarh, and Terai regions.
Significant Wetlands⁴⁰		
Ramsar Site ⁴¹	1	Kabartal Wetlands in Begusarai has been declared as the country's 39th Ramsar site in 2022 which is the first Ramsar site in Bihar.
Wetlands	21,998	The total wetland area in Bihar is estimated around 4.4 percent of the geographic area.
Cover	4,03,209 ha	

40 National Wetland Atlas, Bihar: <http://bswa.bihar.gov.in/Downloads/National%20Wetland%20Atlas%20Bihar.pdf>

41 Ramsar sites information service 2022: <https://rsis.ramsar.org/>

Indicators	State's position	Remarks
With >100 ha		The extent of wetlands (>100 ha) in Bihar ⁴² :
Wetlands	37	1. Kabar Tal, Begusarai (2677 ha)
Cover	12,182 ha	2. Tal Baraila, Vaishali (1204 ha)
With <2.25 ha		3. Badua Reservoir, Banka (1031 ha)
Wetlands	17582	4. Kolia Khap, Buxar (696 ha)
Cover	17,582 ha	5. Salah Chaur, Vaishali (638 ha)
With >2.25 ha		6. Belasi Dam, Banka (514 ha)
Lakes/ Ponds	514	7. Sarotar Chaur, East Champaran (479 ha)
Cover	20,281 ha	8. Tirla N, Katihar (309 ha)
Ox-bow Lake	989	9. Sariya Man Sisswa, West Champaran (295 ha)
Cover	16,172 ha	10. Kanal Jheel, Darbhanga (243 ha)
Riverine wetland	200	11. Pahetia Chaur, Vaishali (235 ha)
Cover	2,118 ha	12. Parsa Chaur, Katihar (228 ha)
Waterlogged (Natural)	1300	13. Narsan Chaur, Muzaffarpur (227 ha)
Cover	34,878 ha	14. Debkhali Chaur, Samastipur (217 ha)
River/ Stream	238	15. Nagi Reservoir, Jamui (207 ha)
Cover	2,98,408 ha	16. Chaur Mangurha, East Champaran (188 ha)
Reservoir/ Barrage	90	17. Ghorgaiya Chaur, Siwan (185 ha)
Cover	8,612 ha	18. Suraila Chaur, Siwan (175 ha)
Tanks/ Ponds	1,067	19. Kotiyasharif Man, Muzaffarpur (155 ha)
Cover	4,822 ha	20. Gangaprasad Bill, Bhagalpur (154 ha)
Waterlogged (manmade)	18	21. Powra Chaur, Vaishali (151 ha)
Cover	336 ha	22. Karariya Man, East Champaran (148 ha)

42 Bihar State Wetland Authority: <http://bswa.bihar.gov.in/Downloads/133%20Wetland%20List.pdf>

Indicators	State's position	Remarks
Cover	336 ha	24. Dhurde Tal, Saran (143 ha) 25. Goga Bil, Katihar (137 ha) 26. Puraniya Chaur, Vaishali (135 ha) 27. Matwalee man, East Champaran (129 ha) 28. Lochan Chaur, Vaishali (127 ha) 29. Sohag man, East Champaran (121 ha) 30. Mushara Man, Begusarai (117 ha) 31. Berai Chaur, Vaishali (116 ha) 32. Dainee Man, Khagaria (115 ha) 33. Bawlee Chaur, East Champaran (111 ha) 34. Kansar Chaur, Darbhanga (109 ha) 35. Morwe Reservoir, Lakhisarai (107 ha) 36. Sirala Bil, Saharsa (106 ha) Monika Man, Muzaffarpur (105 ha)

Lakh ha- Lakh Hectares; km²- square kilometer; T- Tonnes; mcm- Million cubic meter; bcm- Billion cubic meter; MLD- Million litre per day; TPD- Tonnes per day; µg/m³- Microgram per cubic meter; avg- annual average.

Table 4- Overall Green Budget Summary

(Rs. In Crore)

Details	Budget Estimates				Change in Estimates
Financial Year	2020-21	2021-22	2022-23	2023-24	
State's Budget Outlay	211761.49	218302.70	237691.19	261885.40	10.18 %*
State's Total Receipts (Revenue Receipts + Capital Receipts)	211961.49	218502.70	237891.94	262085.40	10.17 %*
Revenue Receipts	183923.99	186267.29	196704.51	212326.97	07.94%*
Revenue Receipts from Central Government	143934.70	145711.81	149181.89	156115.18	04.65 %*
State's Own Revenue	39989.28	40555.47	47522.62	56211.79	18.28 %*
Identified Department's Budget Allocation ⁴³	81176.46	79359.73	79255.54	79074.38	-0.23 %*
Identified Scheme's Budget Allocation	27162.85	29337.33	28380.42	31788.73	12.01 %*
Identified Scheme's Green Budget Components	5693.88	7682.91	7710.25	9920.77	28.67 %*
Department's Budget Allocation Green Allocation proportion	7.01%	9.68%	9.73%	12.55%	-
Identified Scheme's Allocation vs. Green Allocation proportion	20.96%	26.19%	27.17%	31.21%	-
Identified Scheme's Actual Expenditure	20181.37 (Actual)	22521.62 (Actual)	-	-	11.60%**
Identified Scheme's Green Expenditure	3307.52 (Actual)	6767.29 (Actual)	-	-	104.60 %**
Green Allocation vs. Green Expenditure proportion	58.09%	88.08%	-	-	-

43 Only scheme and programme budget has been considered for the tagging process. This means, allocation for committed and establishment has been eliminated from the budget tabulation. Since the Department of Environment, Forest and Climate Change's principal mandate is environmental sustainability, its entire budget allocation has been considered for the green budget.

*It is the percentage change from the FY 2022-23 to 2023-24. **It is the percentage change from the FY 2020-21 to 2021-22.

Table 5– Department-wise Green Budget Summary

(Rs. In Crore)

Sl.	Identified Department	Green Budget Estimate Financial Year 2023-24				
		Total Scheme Allocation	Identified Scheme Budget	Identified Scheme's Green Budget	Green% of Total Allocation	Green% of Identified Scheme
1	Agriculture	2781.99	1611.83	968.50	34.81	60.09
2	Industries	1545.00	4.00	1.75	0.11	43.75
3	Animal and Fisheries Resource	1093.01	295.74	179.18	16.39	60.59
4	Tourism	380.00	245.00	26.99	7.10	11.02
5	Road Construction	4420.99	3273.00	47.99	1.09	1.47
6	Public Health and Engineering	1947.65	50.00	50.00	2.57	100.00
7	Sugarcane Industries	100.00	100.00	100.00	100.00	100.00
8	Rural work	7950.27	8652.27	325.04	4.09	3.76
9	Minor Water Resource	826.87	788.33	784.58	94.89	99.52
10	Environment, Forest and Climate Change ⁴⁴	781.75	773.84	773.84	98.99	100.00
11	Water Resource	3212.63	3212.63	552.29	17.19	17.19
12	Building Construction	3762.75	1044.50	73.88	1.96	7.07
13	Health	7116.55	5.00	5.00	0.07	100.00
14	Education	22200.35	385.18	16.21	0.07	4.21
15	Rural Development	14986.45	7694.70	4742.66	31.65	61.64
16	Information and Public Relation	101.00	81.98	4.10	4.06	5.00
17	Transport	235.50	126.00	66.55	28.26	52.82
18	Urban Development and Housing	4045.10	3374.73	1132.21	27.99	33.55
19	Energy	1586.52	70.00	70.00	4.41	100.00
Total		79074.38	31788.73	9920.77	12.55%	31.21%

44 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 2023-24.

Table 6- Department-wise Budget Allocation vs Expenditure for FY 2021-22

(Rs. In Crore)

Department	Budget Allocation for Identified Schemes	Expenditure of Budget Allocation	Green Budget Allocation of Identified Schemes	Green Expenditure of Green Budget Allocation
Agriculture	1572.57	739.81	880.76	455.10
Industries	10.00	0.01	10.00	0.00
Animal and Fisheries Resource	612.47	205.12	349.40	31.22
Tourism	208.00	48.82	5.00	2.07
Road Construction	2589.00	2448.57	62.60	2.96
Public Health and Engineering	25.00	16.31	25.00	16.31
Sugarcane Industries	30.00	36.42	13.13	20.52
Rural Works	7343.00	4342.11	348.40	257.60
Minor Water Resource	691.00	271.03	690.00	271.03
Environment, Forest, and Climate Change	534.61	392.33	534.61	392.33
Water Resource	3007.50	3367.71	300.75	1828.35
Building Construction	1015.00	788.08	122.71	121.55
Health	5.00	0.64	5.00	0.64
Education	134.85	491.58	43.43	21.93
Rural Development	7684.86	6681.37	2973.53	2550.84
Information and Public Relation	82.23	71.06	4.11	4.00
Transport	215.00	89.02	195.00	18.49
Urban Development and Housing	3507.25	2481.50	1049.48	722.21
Energy	70.00	50.13	70.00	50.13
Total	29337.34	22521.62	7682.91	6767.29
Marked expenditure in comparison to the budget allocation on total identified schemes			76.77%	
Marked green budget expenditure in comparison to the green budget allocation of identified schemes			88.08%	

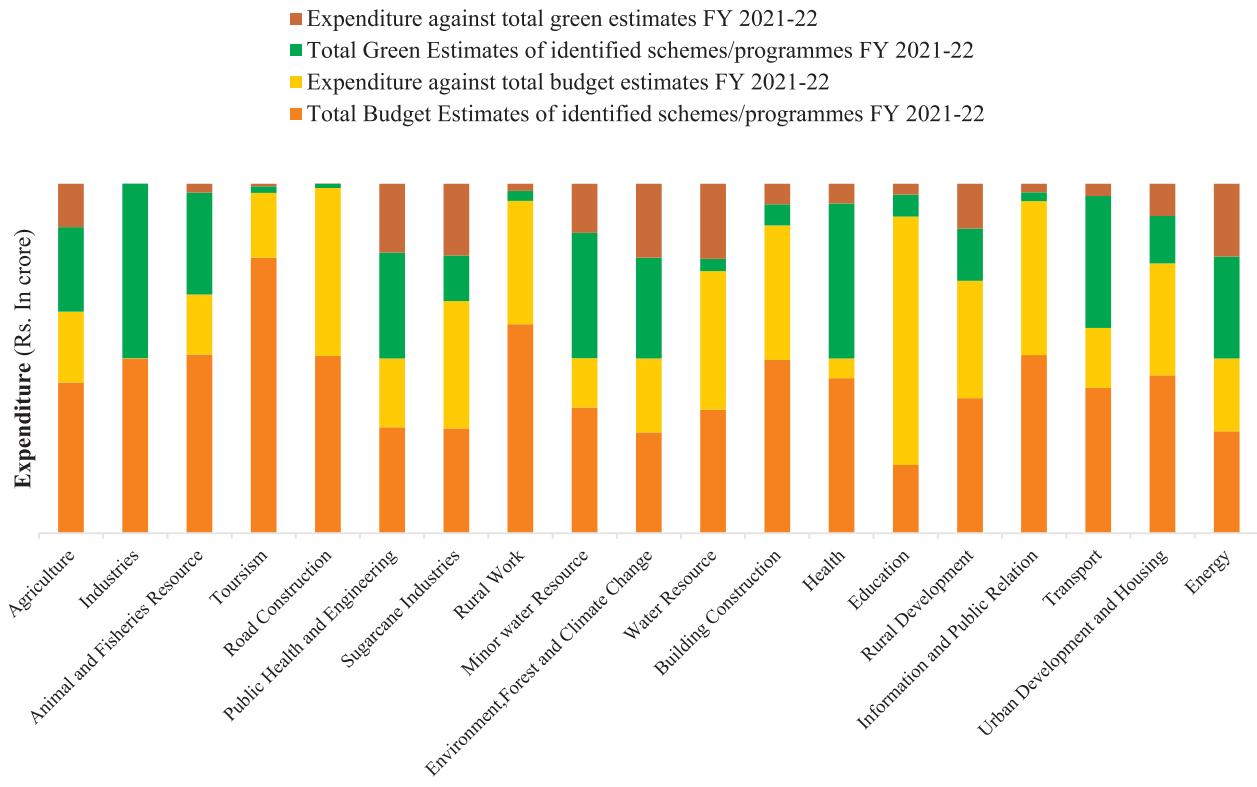


Figure 3- Department-wise Budget Estimates vs Actual Expenditure

Table 7- Total Schemes Identified for the Green Budget

Sl.	Department	Environmental Sustainability Relevance										Identified schemes FY 2023-24		
		100%		90-75%		75-50%		50-25%		25-05%				
		2023-24	2022-23	2023-24	2022-23	2023-24	2022-23	2023-24	2022-23	2023-24	2022-23			
1	Environment, Forest, and Climate Change	30	44	0	0	0	0	0	0	0	0	30		
2	Minor Water Resources	15	15	3	3	0	0	0	0	0	0	18		
3	Transport	1	1	0	0	1	1	0	0	3	3	0		
4	Education	0	0	0	0	2	2	0	0	0	8	8		
5	Rural Development	8	10	0	0	2	2	0	0	0	17	31		
6	Energy	2	2	0	0	0	0	0	0	0	0	2		
7	Public Health and Engineering	2	3	0	0	0	0	0	0	0	0	2		
8	Urban Development and Housing	5	5	6	6	0	0	4	14	14	15	32		
9	Industries	0	0	0	0	0	0	1	0	0	0	1		
10	Building Construction	1	3	0	0	0	0	0	0	2	4	1		
11	Agriculture	3	3	4	14	21	24	12	18	15	20	0		
12	Animal and Fisheries Resources	0	1	0	0	6	4	6	6	0	2	12		
13	Water Resources	0	0	0	0	0	0	0	0	20	20	0		
14	Road Construction	0	0	0	0	0	0	0	0	0	3	3		
15	Sugarcane Industries	6	6	0	0	0	0	0	0	0	0	6		
16	Rural Works	0	0	0	0	0	0	1	1	0	1	5		
17	Information and Public Relations	0	0	0	0	0	0	0	0	1	1	1		
18	Tourism	0	0	0	0	0	0	0	0	1	0	1		
19	Health	1	1	0	0	0	0	0	0	0	0	1		
Identified Schemes and Programmes for FY 2022-23 and 2023-24		74	94	13	23	32	33	24	39	55	66	39	54	237

Table 8- Department-wise SDG Mapping

Department	SDG 2	SDG 4	SDG 5	SDG 6	SDG 7	SDG 8	SDG 9	SDG 11	SDG 12	SDG 13	SDG 14	SDG 15
Agriculture	46	0	0	15	0	0	0	0	0	0	0	21
Animal and Fisheries Resources	12	0	0	12	0	0	0	0	0	0	7	6
Building Construction	0	0	0	2	2	0	1	2	2	2	0	1
Education	0	5	0	2	3	0	3	0	0	6	0	0
Energy	0	0	0	0	2	0	0	0	0	2	0	0
Environment, Forest & Climate Change	3	0	0	0	0	7	2	5	0	12	0	24
Health	0	0	0	1	0	0	0	0	0	0	0	0
Industries	1	0	0	1	0	0	0	0	0	0	0	1
Information and Public Relations	0	0	0	0	0	0	0	0	0	1	0	1
Minor Water Resources	15	0	0	18	0	0	0	0	0	0	0	0
Public Health and Engineering Department	0	0	0	2	0	0	0	0	0	0	0	0
Road Construction	0	0	0	0	0	0	0	0	0	3	0	3
Rural Development	0	0	7	10	0	19	0	0	0	2	0	4
Rural Works	0	0	0	0	0	0	0	0	6	6	0	6
Sugarcane Industries	6	0	0	3	0	0	0	0	0	0	0	0
Tourism	0	0	0	1	0	0	0	0	1	0	0	0
Transport	0	0	0	0	0	0	0	2	0	5	0	3
Urban Development and Housing	0	0	0	27	8	0	1	37	2	13	0	6
Water Resources	20	0	0	20	0	0	0	0	0	0	0	0
Total Mapped SDG's	103	5	7	114	15	26	7	46	11	52	7	76

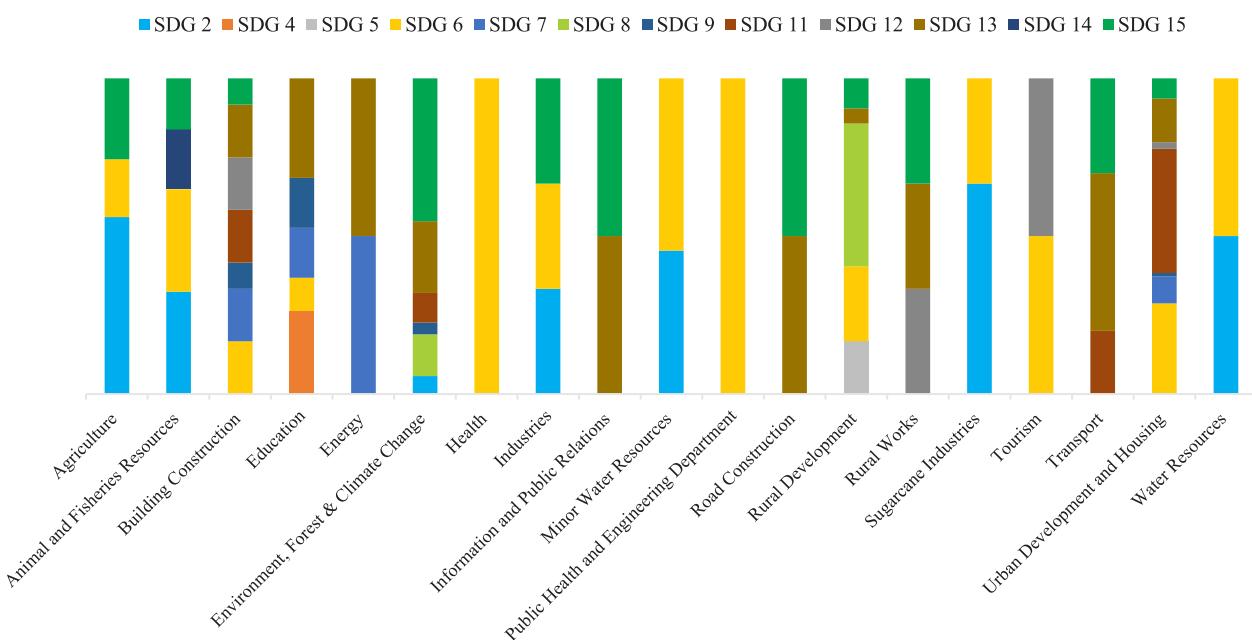


Figure 4- Department-wise SDG Distribution

Table 9- Department-wise Activity Mapping

Department	Program Implementation	Education and Awareness	Technology and Infrastructure	Subsidies	Investment	Regulation and Enforcement	Research and Development	Training and Capacity Building
Agriculture	55	31	15	25	3	0	0	24
Animal and Fisheries Resources	12	6	7	11	0	0	9	11
Building Construction	4	0	2	0	0	0	0	0
Education	10	8	2	0	0	0	0	8
Energy	2	0	2	2	2	0	2	0
Environment, Forest and Climate Change	30	1	9	0	1	1	2	7
Health	1	0	0	0	0	0	0	0
Industries	1	0	1	1	0	0	0	1
Information and Public Relations	0	1	0	0	0	0	0	0
Minor Water Resources	18	0	18	3	3	0	0	0
Public Health and Engineering	2	0	2	0	0	0	0	0
Road Construction	3	0	3	0	0	0	0	0
Rural Development	25	25	2	19	0	0	0	20
Rural Works	6	0	6	0	0	0	0	0
Sugarcane Industries	6	3	3	6	3	0	3	0
Tourism	1	0	1	0	0	0	0	0
Transport	5	0	5	5	2	0	2	0
Urban Development and Housing	23	6	16	9	0	0	0	0
Water Resources	20	4	20	0	0	0	0	0
Total Identified Activity	224	85	114	81	14	1	18	71

█ Program Implementation
█ Subsidies
█ Research and Development

█ Education and Awareness
█ Investment
█ Training and Capacity Building

█ Technology and Infrastructure
█ Regulation and Enforcement

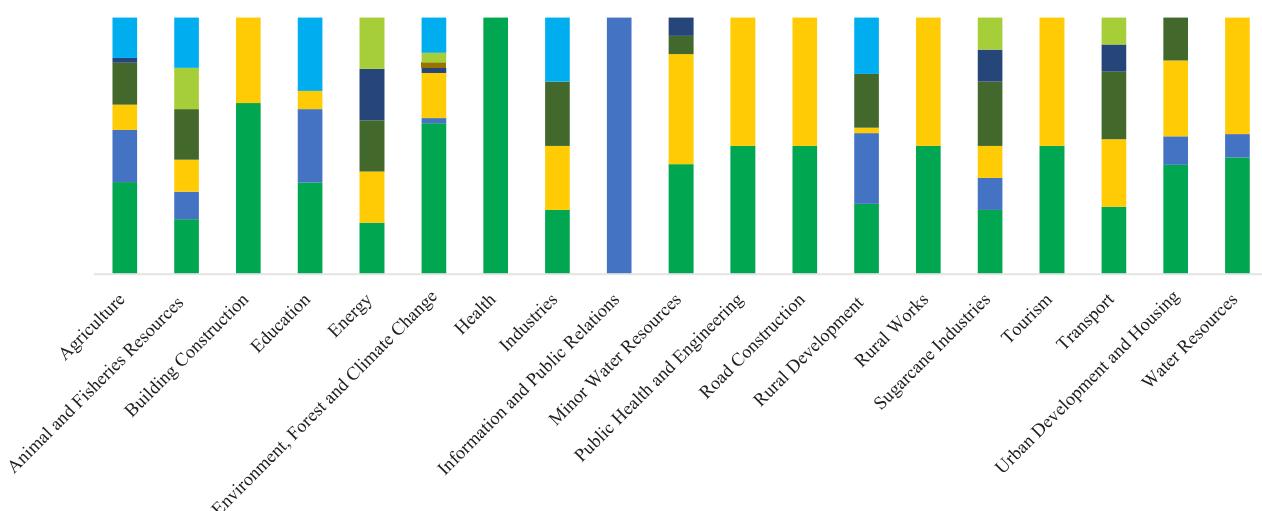


Figure 5- Department-wise Activity Distribution

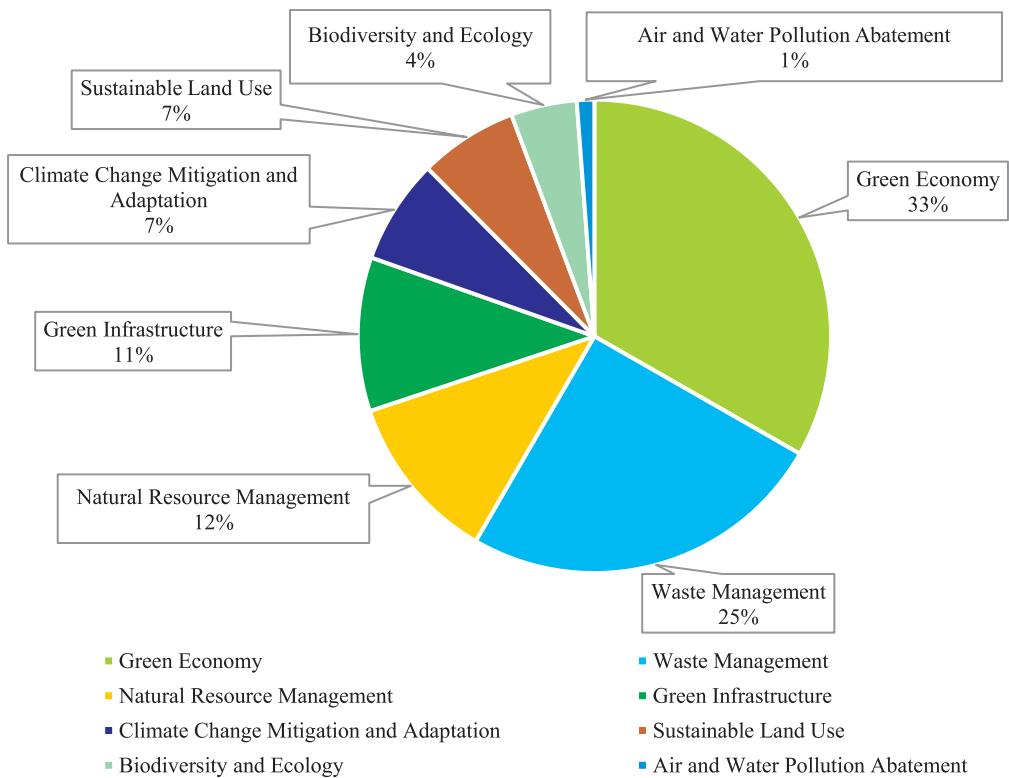


Figure 6- Percentage Share of Green Priority Sectors

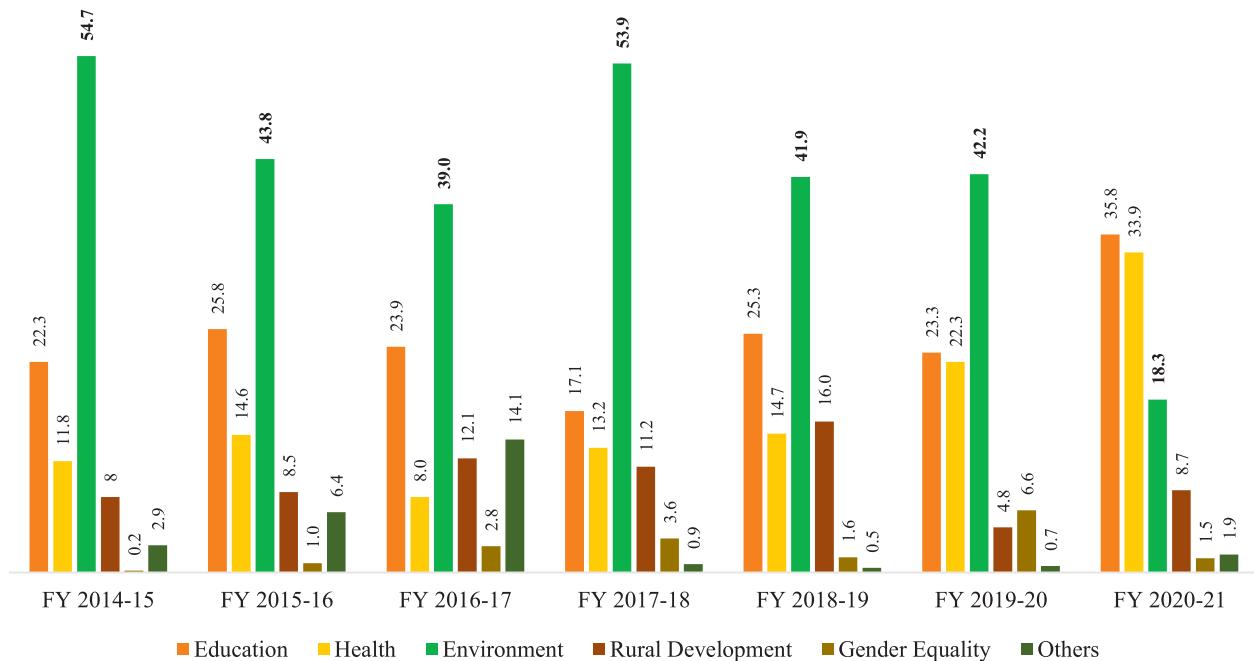


Figure 7- Percentage Share of CSR Expenditure in the Environment Sector

Budget Summary

This will be the fourth full-fledged green budget of Bihar. Through green budget tagging, the government aims to present objective-oriented and department-wise consolidated assessment of the fiscal budget estimate and expenditure on green priorities. This year's tagging exercise depicts the progressiveness of the identified departments by tracking various policies, schemes and programmes that is relevant to the intended SDG objectives of the state.

Table 4 presents a summary of the last four years' cumulative budget allocation and expenditure for green objectives. This year's green budget proportion of the state budget outlay is around 12.55 percent. It is a significant increase of around 3 percentage points from the previous year's budget. The total allocation for the green budget in FY 2023-24 has been estimated to be Rs 9,920.77 crore, indicating an increase of 28.67 percentage points from Rs 7,710.25 crore in FY 2022-23. This year, out of 237 green budget-tagged schemes, 56 percent are centrally sponsored schemes, 28 percent are state-schemes and the remaining are contributions from central sector schemes and grant-in-aid.

This year's SDG tagging (table 8) indicates a significant focus on schemes and programmes towards clean water and sanitation (goal 6) targets, followed by zero hunger (goal 2), life on land (goal 15), climate action (goal 13) and sustainable cities and communities (goal 11) targets. A significant increase of around 3 percent has been observed in the current green budget estimates largely due to increased allocation to the MNREGA and SBM (Rural) schemes. Amongst the green priorities in the state (figure 6), a greater focus is on Green Economy under MNREGA, followed by Waste Management under SBM (Rural) with a contribution of 33 percent and 25 percent respectively to the total green budget share of the current financial year. Other priorities such as Natural Resource Management under Har Khet Tak Sinchayi ka Pani and Jal-Jeevan-Hariyali followed by Green Infrastructure under Pradhan Mantri Gram Sadak Yojana indicate a contribution of 12 percent and 11 percent respectively to the total green budget share. Furthermore, through the activity tagging (table 9), it is very evident that the green budget focuses on program implementation, followed by technology and infrastructure, education and awareness, subsidies, training and capacity building and research and development to strengthen the green objectives of the state.

Table 5 illustrates a comparative summary of total budget allocation and green budget estimates of all 19 stakeholder departments in Bihar. Notably, the Environment, Forest and Climate Change Department has the highest green budget proportion due to its intended objective and commitment to safeguarding the overall environment. Thus, their green budget estimates include both schemes, establishment, and committed allocations. The Minor Water Resources Department with a proportion of around 95 percent, followed by the Agriculture Department, Rural Development Department, Transport Department and Urban Development and Housing Department (table 5) have substantial contributions aligned with the green budget tagging objectives.

Table 6 presents a comparative summary of the actual expenditure made in comparison to the green budget estimates for the year 2021-22. The actual expenditure of the green budget as compared to the budget allocation has been observed to be higher, i.e. around 58.09 percent in FY 2020-21 and 88.08 percent in FY 2021-22, showing a growth of 30 percent. Higher expenditure in 2021-22 reflects shifted priorities to environmentally relevant schemes and programmes in the state.

A comprehensive analysis of the CSR expenditure (figure 7) in Bihar reflects the private sector's contribution to environmental sustainability. However, this contribution corresponds to only around 0.3% of the green budget for FY 2020-21. Therefore, there is a significant opportunity for CSR to make a substantial impact by augmenting the government's efforts and mobilizing additional financial resources toward green objectives. Adding to the government's efforts, CSR contribution has the potential to encourage green-oriented private sector investment.

45 India's Ministry of Corporate Affairs. <https://www.csr.gov.in/content/csr/global/master/home/home/csr-expenditure--geographical-distribution/state.html?Bihar=FY%202020-21>

State's Major Schemes on Environmental Sustainability

Jal-Jeevan-Hariyali Abhiyan

Jal-Jeevan-Hariyali Abhiyan was started by the Bihar government in the year 2019 with the aim of sustaining the State's environmental balanced, reducing the side effects of climate change, controlling pollution and keeping water sources pollution free. Under this plan, work on 11 components has been fixed by the 9 stakeholder departments.

Under the component of nursery creation and intensive plantation, the tree cover area of the state is aimed to be increased to 17 percent. Based on the analysis done by the Forest Survey of India, the green cover of the state has increased to 14.75 percent. In line with the 4th Agriculture Roadmap, stakeholder departments are to be involved in the plantation work to meet the targets set for the financial year 2023-24.

The Urban Development and Housing Department has completed the renovation work of 127 ponds/ puddles out of 332 ponds/ puddles targeted. Against rainwater harvesting in 442 buildings, work has been completed in 435. Out of the targeted 10,551 handpumps, the construction of soak-pits has been completed near 10,544 handpumps. Similarly, 3,868 soak-pits have been constructed near public wells and restoration work of 3,689 wells has been completed against the targeted restoration of 4,040 wells.

In the second phase of Education Department, the rainwater harvesting structure is being constructed for primary schools at a cost of Rs 80,000 thousand per school.

The Minor Water Resources Department is actively involved in re-opening of water bodies having area of more than one acre and area of more than five acres across the state. A total of 1,775 schemes for ponds and reservoirs have been successfully completed, and an additional 237 projects are currently in progress. These completed projects have provided irrigation facilities to an area of 179,344 hectares and restored water storage capacity of 912 million cubic metres. Looking at the financial year 2023-24, the department aims to implement around 524 new schemes which include ponds, reservoirs, check dams and garland trenches.

As part of the campaign, Jal Choupal programs are organized at the ward level on the first Thursday of every month by the Public Health and Engineering Department. The purpose of these events is to raise awareness about the importance of clean water and prevent water wastage.

Eco-Tourism and Parks

Under the eco-tourism and parks development programme, development and maintenance of gardens is proposed

in various districts. Nature-safari spread over an area of 250 acres and Zoo-Safari spread over an area of 480 acres is the first Safari Park built in Rajgir to encourage eco-tourism in the state. A budget provision of Rs.16,38,73,000/- has been allocated for development of tourism infrastructures and beautification of Rajgir Ropeway Road and its surrounding areas in Nalanda district.

Forestry Outside Natural Forest Area

Under this scheme, tree plantation will be done on the banks of canal/river embankments/road banks of the state, urban forestry, and on the roads connecting the district/ sub-division/ block headquarters. Under agriculture forestry, tree plantation work will be done by the farmers on tenant land and nurseries will be established on the farmer's land. Under this, the saplings planted by the department in the previous years will be maintained and saplings will be planted as per the set target. Under this, 5 lakh saplings are being prepared in the departmental nurseries, which will be nurtured. A total of 155.00 lakh saplings have been targeted to be planted at agro-forestry, roadside, river bank, urban forestry and other places.

Pollution Control

Various activities related to pollution control are being undertaken with the funding provided by the Bihar State Pollution Control Board. In February 2021, the Bihar State Pollution Control Board partnered with the United Nations Environment Programme (UNEP) to establish the Climate Resilient and Low

Carbon Development Pathway for the state. This collaborative study aims to identify the key drivers of climate change in Bihar and contribute significantly to minimizing their effects on Net-Zero Carbon emissions by 2070.

Wildlife Habitat Development Plan

The Wildlife Habitat Development Plan is focused on three major components - protection, conservation and management of the shelters, protection, conservation and management of wildlife in the outer areas of the shelters and protection of endangered wildlife/ aquatic organisms. Under the Integrated Wildlife Habitat Development Scheme, works for the protection and conservation of wild animals will be done.

Dolphin Conservation

The country's only dolphin sanctuary is located in the state of Bihar. This sanctuary is stretched over the length of 60 kms of the Ganga River in Bhagalpur district from Sultanganj to Kahalgaon. Approval has been given by the state government for establishment of National Dolphin Research Center in Patna. This will be dedicated for research and laboratory testing on the national aquatic animal of India 'Dolphins'. Dolphin survey work has been completed in Ganga, Koshi, Mahananda, Gandak and Son rivers in the state of Bihar. As per the Wildlife Trust of India survey in the year 2022, around 208 dolphin population were found in Vikramsheela Gangetic Dolphin Sanctuary, while in the year 2018 it was 171.

Tiger Project

Valmiki Tiger Reserve Forest in the West Champaran district of the state is declared as Tiger Reserve. Under this, Valmiki National Park and Valmiki Wildlife Sanctuary are also included. The extension of Valmiki Tiger Reserve Forest area is 901.07 square kilometers. According to the data received, the number of tigers in this reserve is increasing gradually.

Alligator Conservation

For alligators' conservation 6 breeding centers have been identified along the Gandak river in Bihar. In June 2020, 114 infant alligators from these centers have released in the Gandak river. There is a proposal to make a conservation reserve in the Gandak river for the protection of alligators and other aquatic animals.

CAMPA Authority

Micro watershed areas and other necessary structures for the development of forests and water conservation are to be constructed through the CAMPA Authority. Under this, a total of 480 hectares of pastures areas are being developed for the protection and conservation of wildlife.

Development of Natural Forest

Traditional forest land, conservation of soil and water, rehabilitation of degraded forests and will be supported under this scheme. To reduce the negative effects of climate change, 73.84 lakh saplings were planted in the financial year 2022-23 under this scheme. In the financial year

2022-23, advance work will be done to plant 60 lakh saplings for the development of natural forests under tree plantation, in which saplings will be planted in the financial year 2023-24. Apart from this, soil and water conservation works will be done in 3000 hectares.

Mukhya Mantri Shahri Nali-Gali Pakkikaran Nishchaya Yojana

The Mukhya Mantri Shahri Nali Gali Pakkikaran Nishchay Yojana focuses on constructing streets narrower than 10 feet using pebhar blocks, which play a crucial role in water recharge. Approximately 10 percent of the total budget is allocated to the green budget for this initiative. Progress has been made in 3,272 wards out of the targeted 3,369, and around 837,717 households have benefited from this scheme.

AMRUT Mission

The AMRUT Mission aims to enhance urban infrastructure in 27 municipal bodies by constructing parks, promoting tree plantations and developing green spaces. Additionally, the mission involves implementing storm water drainage scheme in three municipalities to efficiently manage rainwater for drainage and cleanliness. In 21 municipal bodies, water supply schemes are being implemented, which include initiatives such as groundwater harvesting, recharge pits and the installation of stand posts.

Patna Metro Rail Corporation

The Patna Metro Rail Corporation has

identified two corridors for the proposed project in Patna. Corridor-I begins at Danapur and extends to Khemnichak, passing through Nehru Marg, Patna Railway Station and Mithapur, spanning a total length of 17.933 km. Corridor-II spans a distance of 14.554 km., connecting Patna Railway Station to Patliputra Bus Terminal. It traverses through notable landmarks including Akashvani, Gandhi Maidan, Ashok Rajpath, Moinul Haq Stadium, Malahi Pakri Bypass, Khemni Chak and Zero Mile. Upon the implementation of the Patna Metro Rail Project, the operation of public vehicles will be reduced, resulting in a decrease in traffic congestion, air pollution and noise pollution.

Swachh Bharat Mission

The Swachh Bharat Mission (SBM) focuses on two key areas - construction of toilets and effective solid waste management. At present, construction of 407,496 toilets has been completed, which is very close to achieving the target of 408,795 toilets. A comprehensive system for door-to-door waste collection and segregation of waste at source has been established in 141 municipal bodies. As a result, 33.1 per cent (1,780 TPD) of the total waste collected, which is 5,467 TPD has been successfully processed. To augment the efforts of waste management, 51 Material Recovery Facility (MRF) in 35 municipal bodies and 181 waste composting centers are operational in 87 municipal bodies. Additionally, the Bihar Municipal Plastic Waste Management (Amendment) Model Bye-laws, 2022 includes provisions to ban single-use plastics.

Smart City Mission

The Smart City Mission aims to promote the use of solar energy for environmental objectives. As part of the Patna Smart City plan, solar power units have been installed in 20 buildings/ locations, enabling the generation of 908 KWH of electricity. Under the Bihar Sharif Smart City plan, 37 buildings/ locations have been equipped with solar power units, resulting in the generation of 140 KWH of electricity. In the Bhagalpur Smart City plan, 7 buildings/ locations have been equipped with solar power unit, allowing for the generation of 320 KWH of electricity.

Vehicle Green Tax

To promote environmental conservation, as per Section 5, Subsection (6) of the Bihar Motor Vehicle Taxation Act of 1994, amended through a gazette notification dated April 9, 2010, every vehicle, except tractor, and trailer, is liable to pay a 'Green Tax' of 10% of the total tax amount, including additional taxes.

Bihar Clean Fuel Scheme

To improve the ambient air quality, the operation of all types of diesel-powered three-wheelers has been prohibited within the Patna Municipal Corporation, as well as the Danapur, Khagaul, and Phulwari Sharif Nagar Parishad areas, starting from midnight on March 31, 2022. In the restricted areas, under the Bihar Clean Fuel Scheme, 2019, provision has been made for funding to replace diesel/ petrol-powered three-wheelers with CNG/ battery-powered three-wheelers, and retrofitting CNG kits in petrol-

powered three-wheelers/ motor cabs, maxi cabs. A subsidy of Rs 4,01,20,000 has been disbursed to a total of 1,505 beneficiaries under this scheme. In the urban area of Patna, it is proposed to impose a ban on the operation of diesel-powered city buses from September 30, 2023, and replace 121 diesel-powered city buses with CNG buses. A subsidy of Rs 7.50 lakh per bus will be provided to the owners under the Bihar Clean Fuel Scheme. This proposal is currently under consideration.

Restriction on Operation of Vehicles Older than 15 years

Considering the public interest, the state government has imposed a ban on the operation of all government vehicles over 15 years old, as per Departmental Circular- 8116, dated 05.11.2019.

To reduce air pollution, the Patna Municipal Corporation, Danapur Municipal Council, Khagaul Municipal Council, and Phulwari Sharif Municipal Council have implemented a ban on the operation of all types of commercial vehicles over 15 years old. This ban was enforced through Departmental Notification- 8145, dated 06.11.2019.

Diesel-to-CNG Conversion

Considering the alarming air pollution situation, the Transport Department is converting diesel buses operated under the city bus service to CNG and purchasing CNG buses. A budget allocation of Rs 40 crore has been made for the Bihar State Road Transport Corporation (BSRTC) for bus

procurement in the financial year 2021-22. In the financial year 2022-23, a budget allocation of Rs 20 crore has been made for BSRTC for bus procurement. Similarly, in the financial year 2023-24, a budget allocation of Rs 40 crore has been made for BSRTC for bus procurement.

Mukhyamantri Gram Parivahan Yojna

Mukhyamantri Gram Parivahan Yojana was launched through Gazette Notification No. 823 dated 05.09.2020.

Provision has been made to give grant of 50 percent of the purchase price up to a maximum of Rs 1.00 lakh on purchase of a vehicle. Under the scheme, selected beneficiaries are eligible for a subsidy of 50% of the cost of the e-rickshaw, subject to a maximum of Rs 70,000.

Vehicles Scrappage Policy

To reduce vehicle-generated pollution and for environmental conservation purposes, the Transport Department's notification, number 5124, dated 30.06.2020, covers all types of registered vehicles that are in a dilapidated condition, have been destroyed, sold as scrap, rendered useless, or are no longer fit for operation due to technical reasons. The state government granted amnesty (waive penalty/tax exemption/tax concession) to such vehicles.

Jaivik Kheti Protsahan Yojna

Organic farming is being promoted in the state under the Organic Corridor Scheme. Under horticulture crops, the scheme of area expansion of one-year and multi-year crops is being

implemented. Emphasis is being laid on the cultivation of medicinal and aromatic plants. Drip irrigation is being used.

Integrated Watershed Management Programme

Implementation of this scheme by Bihar Watershed Development Society (BWDS) is been done in various districts like Banka, Munger, Jamui, Nawada, Gaya, Aurangabad, Rohtas, Kaimur, Lakhisarai, Sheikhpura, Nalanda, Patna, Jehanabad, Arwal, Bhojpur, Bhagalpur, Buxar and Begusarai. The main objective of the scheme is to increase the availability of rainwater for irrigation, preserve ecology, prevent soil erosion, improve soil health, increase soil moisture regime, promote water harvesting, recharge groundwater, increase crop production and restore and develop natural resources by promoting livelihood.

Bihar Rural Road Maintenance Scheme

The "Bihar Rural Road Maintenance Policy-2018" has been implemented for the regular maintenance and upkeep of rural roads in Bihar. Under this policy, provision for plantation on the available land alongside the roads is made. To make tree plantation effective, it has been provided that the payment amount will be calculated based on the rate of the tree species mentioned in the rate list in the proportion of 30% per tree and the remaining 70% amount will be payable after the maintenance of the trees for five years, with the dead tree rate being reduced to 100%.

In the financial year 2022-23, a total of 8,443 km. of roads have been renovated, and tree plantation work has been carried out on both sides of the road. Currently, the department has provided approval for a total of 7,689 roads (with a total length of 22,811 km.). The target for tree plantation in approximately 9,000 km. of roads is set for the financial year 2023-24.

Waste plastic (6%-8% of the weight of bitumen) is being used in the construction of blacktop roads. A total of 1,031 roads (with a total length of 4,160.972 km.) have been approved under the PMGSY-I, PMGSY-II, and PMGSY-III, out of which 804 roads (with a total length of 2,681.073 km.) have been completed.

Ethanol Production Unit

For the establishment of a new distillery/ethanol unit with a minimum capacity expansion of 30 KLPD (kiloliters per day) and the expansion of the existing distillery/ethanol unit with a minimum capacity expansion of 15 KLPD, a grant of 20% or a sum of Rs 5 crore, whichever is lower, will be provided on fixed capital investment. Likewise, for the establishment of a new co-generation power unit of 10 megawatts and the expansion of the existing co-generation power production unit with a minimum capacity expansion of 5 megawatts, a grant of 20% or a sum of Rs 15 crore, whichever is lower, will be given on fixed capital investment.

Ganga Jal Apurti Yojana

It is part of the Jal-Jeevan-Hariyali

campaign in Rajgir, Gaya, Bodhgaya, and Nawada cities. The main objective of this scheme is to provide drinking water and address the challenges posed by climate change. It involves the creation of new water sources, as well as the transfer, storage, and treatment of water from the Ganga River in areas facing water scarcity. The supply of water has already commenced in Rajgir, Gaya, and Bodhgaya, and the plan aims to extend the provision of drinking water to Nawada City by the year 2023. The scheme will contribute to replenishing the declining groundwater levels in these districts.

'Gaya Ji' Rubber Dam

To ensure a continuous water supply in the Falgu River near the Vishnupad Temple, the state government undertook a modern Rubber Dam project costing Rs 334.38 crore. This initiative has resulted in ensuring a minimum water depth of 2 feet throughout the year in the Falgu River, specifically in front of the Vishnupad Temple. Completed in September 2022, nearly a year ago, this project utilized the latest technology and holds the distinction of being the first of its kind in the state. It has been named the Gaya Ji Dam, reflecting its local significance. This scheme will promote water harvesting and environmental sustainability, along with improving the ground water level.

Major and Medium Irrigation Scheme

The potential for irrigation capacity through large and medium irrigation schemes in the state was estimated to be 53.53 lakh hectares. By March 2022, a

total of 37.217 lakh hectares of irrigation capacity had been created. There is a projected possibility of adding 16,540 hectares of irrigation capacity in the year 2022-23. This would result in a total irrigation capacity of 37.3824 lakh hectares by March 2023. Furthermore, the target for the year 2023-24 is to create an additional irrigation capacity of 159.75 thousand hectares.

The irrigation systems connected to rivers flowing from the Himalayas have faced significant erosion due to excessive silt. In the financial year 2022-23, the eroded irrigation capacity in a total of 84 thousand hectares of land has been restored. The target for the year 2023-24 is to restore the eroded irrigation capacity in a total of 215 thousand hectares of land.

'Har Khet Tak Sinchai Ka Pani' Saat Nishchay-2

Under Saat Nischay 2, it involves a statewide campaign to identify and select scheme, followed by a comprehensive joint technical survey. Within a span of approximately six months, a total of 29,952 schemes were carefully chosen. These selected schemes will be executed by five different departments of the state government, with an estimated expenditure of around 6,504 crores allocated for their implementation. As a result of these schemes, irrigation facilities will be developed across an expansive area of 7,79,201 hectares.

Flood Protection and Drainage Scheme

Prior to the floods of 2022, 320 flood protection/mitigation measures were

implemented to keep embankments safe. Under the flood management programme, 01 scheme was completed. 33 flood protection measures were completed under the RMBA (River Management Works in Restricted Areas) programme. Additionally, 96 works were completed using funds received from the Disaster Management Department.

Taal Kshetra Vikas Yojna

The state government has prepared an ambitious plan to enhance the utilization and management of water resources in the 'Taal' region, encompassing the Nalanda, Sheikhpura and Lakhisarai districts. This comprehensive plan entails the construction of a 108 km. long embankment, the establishment of 28 weirs and 15 check dams, as well as the desilting of 74 pyen and the creation of 52 box culverts. The projected timeline for the implementation of this programme is set to be completed by May 2023. As part of this plan, the existing water bodies in the Taal region will undergo deepening to facilitate fish and aquatic production. Additionally, measures will be taken to enhance the efficiency of the water drainage system by utilizing small local ponds in the Taal area. These concerted efforts aim to achieve a cropping intensity of over 215% by effectively utilizing surface and groundwater resources in an economically efficient manner.

Mukhyamantri Samekit Chaur Vikas Yojna

Under the Saat Nischay-2 (2020-2025) of Atmnirbhar 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. Among the schemes identified are the construction of ponds, renovation of old ponds, development of pond fisheries, integrated chaur development, development of reservoir fisheries, installation of pens/cages in wetlands, etc. are important.

Bihar State Jal Vidyut Nigam

The Bihar government has decided to prioritize the completion of projects that have either completed 50 percent or more of the work or have a generation cost of less than Rs. 5.00 per unit. Among these projects, there are 12 under-construction projects, with 11 being small hydro projects and one being the escape arrangement for Dehri (4x1.65MW) SHP. Up until FY 2022-23, a total of Rs. 20.50 crore has been allocated to the Bihar State Hydroelectric Power Corporation (BSHPC) for the execution of the work. An additional amount of Rs. 44.73 crore will be required in FY 2023-24, and a requisition has been made for it.

There are currently 13 operational hydel projects on the Sone Canal System, Gandak canal system, and Kosi canal system, with a total installed capacity of 54.3 MW. The priority is to restore the Dehri, Barun project as quickly as possible and at minimum expense to ensure generation from these projects during 2023-2024.

Grid-Connected Rooftop Solar Power Plants

The implementation of the Grid Connected Rooftop Solar Power Plants scheme on government buildings in the state of Bihar, with a capacity of 55 MWp, will be carried out under the Jal-Jeevan Hariyali Abhiyan programme. In the financial year 2023-24, a proposed amount of Rs. 304.32 crore will be allocated from the state head to support this scheme. Additionally, there is a plan to convert a 3.1 MWp off-grid Rooftop Solar Power Plant to a Grid Connected/Hybrid Solar Power Plant. This includes maintenance and repair of the solar power plant for 5 years under a Comprehensive Maintenance Contract (CMC), along with the implementation of net-metering. The aggregate project cost, with the state's share, is estimated at Rs. 11.47 crore for the fiscal year 2023-24.

Mahatma Gandhi National Rural Employment Guarantee Scheme

The scheme encompasses water conservation efforts, including the restoration of public ponds, tank-based rainwater harvesting on private land, and small-scale river dredging, all aimed at promoting effective water conservation practices.

Lohiya Swachh Bihar Abhiyan Phase II and Swachh Bharat Mission Phase II

Under the programme "Saksham Bihar" and "Swaabhlambi Bihar," the Lohiya Swachh Bihar Abhiyan is being

implemented in the second phase to achieve the objectives of Swachh Gaon-Samridh Gaon in Saat Nischay- II. The provision for obtaining loans through banks for strengthening under this scheme has been made, and training is also provided to the state's youth for skill development and planning. As a central point of the programme implemented under this scheme, the budget provision is expended at a rate of 50%, 29%, and 21% respectively for general category, scheduled caste, and scheduled tribe expenditure, besides assistant grants and salaries.

Har Ghar Nal Ka Jal

The Department of Public Health and Engineering is prioritizing the use of eco-friendly construction materials in its proposed and ongoing projects. This practice has been implemented since the inception of the "Har Ghar Nal Ka Jal" scheme, which aims to provide piped water supply to every household. As part of the scheme, emphasis is also placed on tree plantation in and around project site.

Table 10- Department-wise Green Budget

Budget Estimates - FY 2023-24							Rs. In Lakh		
Sl.	Budget Code and Identified Schemes	FY 2021-22		FY 2022-23	FY 2023-24	FY 2023-24	Environment Sustainability Relevance		
		Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate	Scheme Objective			
Category 'A' - Fully Dedicated (100%)									
Department of Environment, Forest and Climate Change									
1	19-2406011010109 Rehabilitation of Degraded Forests	622.26			0.01	0.01	<p>Currently, there is no budgetary provision. The funding will be obtained through reallocation, and the nourishment work of plants will be carried out under previously approved schemes.</p> <p>Sustainable Land Use Biodiversity & Ecology</p> <p>SDG 13 SDG 15</p> <p>Programme Implementation</p>		
2	19-2406017890101 Rehabilitation of Degraded Forests	1457.60	1200.00						
3	19-2406017960103 Rehabilitation of Degraded Forests	444.26							
4	19-2406011010112 Development of Natural Forest		2182.00	9989.97	9989.97				
5	19-2406017890105 Development of Natural Forest		1800.00						
6	19-2406017960135 Development of Natural Forest		518.00						
7	19-240601800101 Canal Embankment Farm (Nahar Tat Farm)	922.13			0.01	0.01			
8	19-2406017890102 Canal Embankment Farm (Nahar Tat Farm)	225.13	650.00						

Budget Estimates - FY 2023-24

Sl.	Budget Code and Identified Schemes					Scheme Objective	Environment Sustainability Relevance	Rs. In Lakh				
		FY 2021-22	FY 2022-23	FY 2023-24	Green Budget Estimate							
Category 'A' - Fully Dedicated (100%)												
Department of Environment, Forest and Climate Change												
9	19-240601800105 Road Side Farm (Path Tat Farm)	2228.19		0.01	0.01	Tree plantation work will be done on the roads of the state. Trees will be planted on the road connecting district / sub-division / block headquarter under urban forestry, entry-exit road. Establishment of nursery by farmers under agro-forestry and plantation work will be done by them on raiyat land. In addition, the park will be developed. Plant nutrition will be done. Plants are being grown in the nursery, which will be nurtured.	Biodiversity and Ecology Sustainable Land Use	SDG 2 SDG 11 SDG 13 SDG 15				
10	19-2406017890103 Road Side Farm (Path Tat Farm)	1195.56	853.00									
11	19-2406011020109 Forestry Outside Natural Forest Area		4593.00	10000.00	10000.00	Plantation work will be done on the notified forest land outside the road, canal, river bank plantation, under urban forestry.	Programme Implementation					
12	19-2406017890106 Forestry Outside Natural Forest Area		1800.00									
13	19-2406011010111 Jal-Jeevan-Haryali	6283.47	8000.00	10000.00	10000.00	Plantation work will be done under the Jal-Jeevan-Haryali to achieve the goals set under the agricultural road map.	Natural Resource Management Biodiversity and Ecology Sustainable Land Use	SDG 11 SDG 13 SDG 15				
14	19-2406021120101 Eco-tourism and Park Development	244.28	8012.30	10000.00	10000.00	Development and maintenance work of new parks will be done under eco-tourism and park development work.	Programme Implementation	Green Economy Green Infrastructure				
15	19-2406027890102 Eco-tourism and Park Development		1982.00					SDG 11 SDG 13 SDG 15				

Sl.	Budget Code and Identified Schemes	Rs. In Lakh			
		FY 2021-22	FY 2022-23	FY 2023-24	FY 2023-24
	Actual Green Budget Estimate	Budget Estimate	Green Budget Estimate	Scheme Objective	Environment Sustainability Relevance
Category 'A' - Fully Dedicated (100%)					
Department of Environment, Forest and Climate Change					
16	19-2406011050104 Pollution Control Board	441.12	1200.00	1000.00	Various types of pollution control works will be done with the amount of grant for Bihar State Pollution Control Board, which will reduce the effects of climate change. With this scheme, management centers will be established in all the districts. Air and Water Pollution Abatement Waste Management SDG 11 SDG 13
17	19-4406010700102 Building	7095.66	3500.00	3500.00	Construction work of forest park, rest house, office and residence will be done inside the notified forest land. Green Infrastructure SDG 15
18	19-4406010700101 Road and Bridge	262.68	500.00	500.00	Repair work will be done on the available forest paths in the forest areas of the state, which will be helpful in patrolling in the forest areas and will provide security to the forests. Green Infrastructure SDG 15
19	19-2406021100121 Wildlife Conservation, Protection and Development	233.09	700.00	500.00	Protection, conservation and development work of wild animals in various wildlife sanctuary areas of the state. Biodiversity and Ecology SDG 15
20	19-2406011050105 Plant Tissue Culture Lab	66.00	200.00	200.00	The establishment and development of a plant tissue culture lab will be undertaken, enabling the use of high-quality saplings for plantation work. Programme Implementation Green Infrastructure SDG 2 SDG 15
					Programme Implementation Research & Development

Budget Estimates - FY 2023-24

Sl.	Budget Code and Identified Schemes					Scheme Objective	Environment Sustainability Relevance	Rs. In Lakh				
		FY 2021-22	FY 2022-23	FY 2023-24	Green Budget Estimate							
Category 'A' - Fully Dedicated (100%)												
Department of Environment, Forest and Climate Change												
21	19-2406011050105 Project Tiger	384.84	604.70	304.30	304.30	In Valmiki Tiger Reserve, work will be done to protect tigers and promote their habitat.	Natural Resource Management Biodiversity and Ecology					
22	19-240602110326 Project Elephant	11.17	63.03	66.80	66.80	Work will be done to create a favorable environment for the habitat of elephants within the forests of the state.	SDG 15					
23	19-240602110323 Integrated Wildlife Habitat Development	19.26	591.80	744.00	744.00	Actions will be taken to ensure the safeguarding and conservation of the diverse wildlife	Programme Implementation Training and Capacity Building					
24	19-240602110327 National Aquatic Ecosystem Protection Scheme		49.50			Under this scheme, measures for habitat management and conservation of aquatic organisms will be undertaken.	Natural Resource Management Biodiversity and Ecology					
25	19-2406041010304 Integrated Forest Management	75.87	200.00	407.90	407.90	Structural strengthening measures will be implemented in natural forests to enhance fire protection and implement other necessary protective measures.	SDG 14 Programme Implementation Training and Capacity Building					
26	19-2406041010305 National Bamboo Mission		35.00			Under this scheme, production of bamboo species, development of nurseries and promotion of bamboo-based items will be done.	Green Infrastructure SDG 13 SDG 15 Programme Implementation					
27	19-2406047890301 National Bamboo Mission		25.00				Natural Resource Management Biodiversity and Ecology Sustainable Land Use					
28	19-2406047960301 National Bamboo Mission		15.00				SDG 2 SDG 13 SDG 15 Programme Implementation Education and Awareness Training and Capacity Building Research & Development					

Budget Estimates - FY 2023-24							Rs. In Lakh					
Sl.	Budget Code and Identified Schemes	FY 2021-22		FY 2022-23	FY 2023-24	Green Budget Estimate	Scheme Objective	Environment Sustainability Relevance				
		Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate							
Category 'A' - Fully Dedicated (100%)												
Department of Environment, Forest and Climate Change												
29	19-2406041010301 National Forestry Programme			170.97			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.	Green Economy Biodiversity and Ecology SDG 8 SDG 13 SDG 15				
30	19-2406021100224 Project Tiger	413.57	1751.00	913.00	913.00	In Valmiki Tiger Reserve, work will be done to protect tigers and promote their habitat.	Programme Implementation Training and Capacity Building					
31	19-2406021100226 Project Elephant	17.65	516.65	199.00	199.00	Work will be done to create a favorable environment for the habitat of elephants within the forests of the state.	Natural Resource Management Biodiversity and Ecology SDG 15					
32	19-2406021100223 Integrated Wildlife Habitat Development	28.91	1309.40	2233.00	2233.00	Actions will be taken to ensure the safeguarding and conservation of the diverse wildlife	Programme Implementation Training and Capacity Building					
33	19-2406021100227 National Aquatic Ecosystem Protection Scheme		496.00			Under this scheme, measures for habitat management and conservation of aquatic organisms will be undertaken.	Natural Resource Management Biodiversity and Ecology SDG 14					
34	19-2406041010204 Integrated Forest Management	120.60	721.75	1224.00	1224.00	Structural strengthening measures will be implemented in natural forests to enhance fire protection and implement other necessary protective measures.	Green Infrastructure SDG 13 SDG 15	Programme Implementation				

Budget Estimates - FY 2023-24

Sl.	Budget Code and Identified Schemes					Scheme Objective	Environment Sustainability Relevance	Rs. In Lakh				
		FY 2021-22	FY 2022-23	FY 2023-24	Green Budget Estimate							
Category 'A' - Fully Dedicated (100%)												
Department of Environment, Forest and Climate Change												
35	19-2406041010205 National Bamboo Mission		474.00				Natural Resource Management Biodiversity and Ecology Sustainable Land Use					
36	19-2406047890201 National Bamboo Mission		459.00				SDG 2 SDG 13 SDG 15					
37	19-2406047960201 National Bamboo Mission		444.00				Programme Implementation Education and Awareness Training and Capacity Building Research & Development					
38	19-2406041010201 National Forestry Programme		678.20				Green Economy Biodiversity and Ecology					
39	19-2406010010001 Direction and Administration	1808.05	2234.03	2306.78	2306.78	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.	SDG 8 Programme Implementation Technology and Infrastructure					
40	19-2406010030001 For Training, Public Relations and Research	387.23	600.71	701.26	701.26	From this sub-head the work of training and publicity is done and expenditure is spent on the training work of forest guard, forest guard in State Forest Training Center, Gaya and the appointment of permanent officers and personnel in 2 offices and contract workers, computer operators, The salaries of the drivers and cleaning laborers etc. are paid.	Green Economy SDG 8 Programme Implementation Education and Awareness Training and Capacity Building					

Budget Estimates - FY 2023-24

Sl.	Budget Code and Identified Schemes					Scheme Objective	Environment Sustainability Relevance	Rs. In Lakh				
		FY 2021-22	FY 2022-23	FY 2023-24	Green Budget Estimate							
Category 'A' - Fully Dedicated (100%)												
Department of Environment, Forest and Climate Change												
41	19-2406010700001 Road and Bridge	326.14	400.00	400.00	400.00	Expenditure is incurred for the maintenance of a 2030-kilometer forest road.	Green Infrastructure SDG 13 SDG 15 Programme Implementation Technology and Infrastructure					
42	19-2406010700002 Building	403.88	420.00	420.00	420.00	Expenditure is incurred for the maintenance of 786 departmental building.	Green Infrastructure SDG 9 Programme Implementation Technology and Infrastructure					
43	19-2406011010001 Expansion and Protection of Forests	10746.65	14436.68	16968.52	16968.52	In this sub-head, expenditure on permanent nursery and its maintenance of 27 forest divisions from Bihar and salary of permanent office bearers and employees of offices and employees employed on contract, forest field officers, foresters, computer operators, drivers and cleaning laborers etc. payment is made. Apart from this, expenditure is incurred on office expenses, fuel and maintenance of vehicle, telephone, electrical maintenance etc.	Green Economy SDG 8 SDG 13 SDG 15 Programme Implementation Technology and Infrastructure					
44	19-2406011010002 Working Plan Division	100.61	134.32	145.46	145.46	In this sub-head, under the order of the Hon'ble Supreme Court, expenditure is spent on the work related to preparing the work plan for each forest division for ten years and the salaries of the permanent officers and employees and the workers employed on contract, computer operators, drivers and sweepers etc. is paid.	Green Economy SDG 8					
45	19-2406021100003 Sanctuary	657.98	1096.62	1287.56	1287.56	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.	Programme Implementation					

Budget Estimates - FY 2023-24

Sl.	Budget Code and Identified Schemes	Category 'A' - Fully Dedicated (100%)				Rs. In Lakh
		FY 2021-22	FY 2022-23	FY 2023-24	Green Budget Estimate	Scheme Objective
Department of Environment, Forest and Climate Change						
46	19-2406021110001 Other Parks	1646.15	2276.60	2824.06	2824.06	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. Daily activities also include providing food, fodder, and cleaning for 600 animals housed in 45 cages within the park. As per the requirements of beautification, seasonal and annual fruit plants are planted. Furthermore, the Raigir Zoo Safari also houses wild animals such as lions (species) and other species. Along with that, the security of the park is ensured, and expenses are incurred for the animals' food in Nalanda, as well as the payment of salaries to permanent officers and employees in both offices, as well as wages for wildlife rescue teams, computer operators, and vehicle drivers who are employed on a contractual basis.
47	19-3435041030001 Bihar State Environment Combat Authority	68.98	75.00	81.00	81.00	From this sub-head, environmental clearance of various types of projects, such as building construction, mining work, etc., and salaries of officials and employees of Bihar State Environmental Combat Authority are paid.
48	19-3435031020001 Bihar State Biodiversity Board	294.19	456.75	467.03	467.03	In this sub-head, the 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-need.
Total		39233.16	68426.01	77383.67	77383.67	

Budget Estimates - FY 2023-24

Sl.	Budget Code and Identified Schemes					Scheme Objective	Environment Sustainability Relevance	Rs. In Lakh				
		FY 2021-22	FY 2022-23	FY 2023-24	Green Budget Estimate							
Category 'A' - Fully Dedicated (100%)												
Industries Department												
1	23-2852801020110 Industrial Area Development Authority					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 CETP 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.	Green Infrastructure Waste Management Air and Water Pollution Abatement SDG 6 SDG 9 SDG 12 Investment Programme Implementation Technology and Infrastructure					
Total		0.00	0.00	0.00	0.00							
Public Health and Engineering Department												
Natural Resource Management												
1	36-4215011020103 Capital Outlay on Water Supply and Sanitation	1273.09	2075.00	4200.00	4200.00		Green Infrastructure SDG 6					
2	36-4215017890111 Capital Outlay on Water Supply and Sanitation	330.01	400.00	800.00	800.00	Wells Restoration and Blotting Works	 Programme Implementation Technology and Infrastructure					
3	36-4215017960107 Capital Outlay on Water Supply and Sanitation	28.11	25.00									
Total		1631.21	2500.00	5000.00	5000.00							

Budget Estimates - FY 2023-24

Budget Estimates - FY 2023-24							Rs. In Lakh		
Sl.	Budget Code and Identified Schemes	FY 2021-22		FY 2022-23	FY 2023-24	FY 2023-24	Environment Sustainability Relevance		
		Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate	Scheme Objective			
Category 'A' - Fully Dedicated (100%)									
Health Department									
1	20-4210011100118 Jal-Jeevan-Hariyali	63.60	500.00	500.00	500.00	Rain water harvesting and green structure.	Natural Resource Management SDG 6 Programme Implementation		
Total		63.60	500.00	500.00	500.00				
Rural Development Department									
1	42-2215021050103 Lohiya Swachh Abhiyan-1		1.00				Waste Management Air and Water Pollution Abatement SDG 6 Programme Implementation		
2	42-2215021050104 Lohiya Swachh Abhiyan-2		4700.00				Education and Awareness		
3	42-2215021050202 Swachh Bharat Mission (Rural)	63200.00	117156.00	117156.00	117156.00				
4	42-2215021050302 Swachh Bharat Mission (Rural)	6000.00	11850.00	19500.00	19500.00				
5	42-221507890204 Swachh Bharat Mission (Rural)	2868.05	16000.00	30040.00	30040.00				
6	42-221507890304 Swachh Bharat Mission (Rural)	1912.03	3000.00	5000.00	5000.00				
7	42-221507960206 Swachh Bharat Mission (Rural)	179.22	800.00	3004.00	3004.00				
8	42-221507960306 Swachh Bharat Mission (Rural)	119.48	150.00	500.00	500.00				

Budget Estimates - FY 2023-24							Rs. In Lakh		
Sl.	Budget Code and Identified Schemes	FY 2021-22		FY 2022-23	FY 2023-24	FY 2023-24	Environment Sustainability Relevance		
		Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate	Scheme Objective			
Category 'A' - Fully Dedicated (100%)									
Rural Development Department									
9	42-2515000010110 Jal-Jeevan-Hariyali		900.00	1071.00	1071.00	A mission has been constituted to implement the Jal-Jeevan-Hariyali campaign in mission mode, to achieve and monitor the set targets.	Natural Resource Management SDG 6 SDG 13 SDG 15 Education and Awareness Training and Capacity Building		
10	42-2220601010101 Jal-Jeevan-Hariyali Jagrookta			100.00	100.00	100.00 The aim is to raise awareness among people about the Jal-Jeevan-Hariyali campaign.	Natural Resource Management SDG 6 SDG 13 SDG 15 Education and Awareness		
Total		11078.78	100701.00	176371.00	176371.00				
Transport Department									
1	47-3055001900104 Bihar Clean Fuel Scheme	199.80	1500.00	2500.00	2500.00	Subsidy for conversion of diesel/petrol driven vehicles to CNG to improve air quality.	Green Infrastructure Air and Water Pollution Abatement SDG 11 SDG 13 Programme Implementation Subsidies Investment Technology and Infrastructure		
Total		199.80	1500.00	2500.00	2500.00				

Budget Estimates - FY 2023-24

Sl.	Budget Code and Identified Schemes					Scheme Objective	Environment Sustainability Relevance	Rs. In Lakh				
		FY 2021-22	FY 2022-23	FY 2023-24	Green Budget Estimate							
Category 'A' - Fully Dedicated (100%)												
Minor Water Resources Department												
1	50-4702001010106 Har Khet Tak Sinchayi ka Pani	1489.70	16600.00	28220.00	28220.00	<p>Under Saat Nischay-2, there is a target of providing water for irrigation to every farm.</p> <p>Conservation of water/groundwater recharge and protection from soil erosion is ensured. The allocated funds are being utilized for the restoration of surface schemes and the rehabilitation of dams/ponds.</p> <p>Under the Jal-Jeevan-Hariyali campaign, rejuvenation work is being carried out for water bodies larger than one acre and ponds larger than five acres in the entire state.</p>	Natural Resource Management SDG 2 SDG 6 Subsidies Programme Implementation Technology and Infrastructure SDG 2 SDG 6 Programme Implementation Technology and Infrastructure					
2	50-4702007890106 Har Khet Tak Sinchayi ka Pani	258.35	3200.00	5440.00	5440.00							
3	50-4702007960107 Har Khet Tak Sinchayi ka Pani	11.69	200.00	340.00	340.00							
4	50-4702001020102 Surface Water Scheme	2143.18	1660.00	1660.00	1660.00							
5	50-4702007890104 Surface Water Scheme	326.05	320.00	320.00	320.00							
6	50-4702007960105 Surface Water Scheme	13.51	20.00	20.00	20.00							
7	50-4702001020107 Jal-Jeevan-Hariyali	18045.21	39840.00	23240.00	23240.00							
8	50-4702007890105 Jal-Jeevan-Hariyali	3033.78	7680.00	4480.00	4480.00							
9	50-4702007960106 Jal-Jeevan-Hariyali	133.17	480.00	280.00	280.00							

Budget Estimates - FY 2023-24

Sl.	Budget Code and Identified Schemes					Scheme Objective	Environment Sustainability Relevance	Rs. In Lakh				
		FY 2021-22	FY 2022-23	FY 2023-24	Green Budget Estimate							
Category 'A' - Fully Dedicated (100%)												
Minor Water Resources Department												
10	50-4702001010205 Pradhan Mantri Krishi Suraksha Yojana	737.37	20750.00	8300.00	8300.00							
11	50-4702007890205 Pradhan Mantri Krishi Suraksha Yojana	135.06	4000.00	1600.00	1600.00							
12	50-4702007960206 Pradhan Mantri Krishi Suraksha Yojana	7.06	250.00	100.00	100.00							
13	50-4702001010305 Pradhan Mantri Krishi Suraksha Yojana	501.30	1660.00	2766.39	2766.39							
14	50-4702007890305 Pradhan Mantri Krishi Suraksha Yojana	89.00	320.00	533.28	533.28							
15	50-4702007960306 Pradhan Mantri Krishi Suraksha Yojana	3.32	20.00	33.33	33.33							
Total		26927.75	97000.00	77333.00	77333.00							
Urban Development and Housing Department												
Waste Management Air and Water Pollution Abatement												
1	48-2217030510201 Har Ghar Shauchalya Nirman, Ghar ka Samman Yojana (SBM)		19010.00	48198.00	48198.00	Under the Swachh Bharat Mission, this scheme has been started with the aim of making every village panchayat and urban bodies free from open defecation. This will help in making the environment clean and disease free.						
2	48-2217030510301 Har Ghar Shauchalya Nirman, Ghar ka Samman Yojana (SBM)		10000.00	10000.00	10000.00							

Budget Estimates - FY 2023-24

Sl.	Budget Code and Identified Schemes					Scheme Objective	Environment Sustainability Relevance	Rs. In Lakh				
		FY 2021-22	FY 2022-23	FY 2023-24	Green Budget Estimate							
Category 'A' - Fully Dedicated (100%)												
Urban Development and Housing Department												
3	48-2215021050101 Solid - Liquid Waste Management		21691.00	12100.00	12100.00	Under Saat Nischay-2, 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 Air and Water Pollution Abatement					
4	48-2215027890104 Solid - Liquid Waste Management		100.00	199.97	199.97		SDG 6					
5	48-2215027960106 Solid - Liquid Waste Management		100.00	100.00	100.00		Subsidies Programme Implementation Education and Awareness					
	Total	0.00	50901.00	70597.97	70597.97							
Building Construction Department												
1	03-2059800530013 Maintenance and Restoration of Residential/ Non-residential Parks/ Gardens	702.53	983.00	1000.00	1000.00	Seasonal plants are planted in various residential and non-residential parks maintained by the Urban Park Authority in the capital region, and existing green areas (including trees, etc.) are preserved. In this way, these parks play a significant role in maintaining balanced carbon emissions and pollution levels in the capital region.	Natural Resource Management					
2	03-4406010510101 Forestry College	7000.00	3452.56			Forestry College, Munger is providing educational infrastructure for expansion of forests and plantation of trees, expansion of green belt, conservation of wildlife etc. in the state. By getting training from here, students/officials can make valuable contribution in the development of green area, protection of environment and wildlife etc. In this way, this institute has a valuable contribution directly/indirectly in the development of green area, protection of environment and wildlife etc.	SDG 15					

Budget Estimates - FY 2023-24

Budget Estimates - FY 2023-24

Sl.	Budget Code and Identified Schemes					Scheme Objective	Environment Sustainability Relevance	Rs. In Lakh				
		FY 2021-22	FY 2022-23	FY 2023-24	Green Budget Estimate							
Category 'A' - Fully Dedicated (100%)												
Sugarcane Industries Department												
1	45-2401001080109 Ikh Vikash Mukhya Mantri Gramma Vikas Karyakram	970.65	2173.45	3320.00	3320.00	The main objective of the implementation of this scheme is to increase the production productivity of sugarcane as well as to promote the cultivation of selected strains of sugarcane with low water requirement under the scheme.	Natural Resource Management Sustainable Land Use	-----				
2	45-2401007890108 Ikh Vikash Mukhya Mantri Gramma Vikas Karyakram	8.85	418.97	640.00	640.00		SDG 2	SDG 6				
3	45-2401007960129 Ikh Vikash Mukhya Mantri Gramma Vikas Karyakram	7.58	26.18	40.00	40.00		Programme Implementation Education and Awareness Research & Development					
4	45-2852082010103 Financial Assistance to Sugar Mills	1065.35	4980.00	4980.00	4980.00	Under the Departmental Incentive Package-2014, there is a provision of a maximum grant of Rs.5.00 crore for the establishment/capacity expansion of distillery for ethanol production.	Natural Resource Management Green Infrastructure	-----				
5	45-2852087890101 Financial Assistance to Sugar Mills		960.00	960.00	960.00		SDG 2					
6	45-2852087960102 Financial Assistance to Sugar Mills		60.00	60.00	60.00		Subsidies Investment Programme Implementation Technology and Infrastructure					
Total		2052.43	8618.60	10000.00	10000.00							
Total green contribution of 100% significance		96526.91	351835.17	430685.64	430685.64							

Budget Estimates - FY 2023-24							Rs. In Lakh				
Sl.	Budget Code and Identified Schemes	FY 2021-22		FY 2022-23	FY 2023-24	FY 2023-24	Scheme Objective	Environment Sustainability Relevance			
		Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate						
Category 'B' - Green Budget Estimate 90-75% (Very High)											
Urban Development and Housing Department											
1	48-2215011910106 Jal-Jeevan-Hariyali			675.00	700.00	630.00	Natural Resource Management Green Infrastructure SDG 6 SDG 11	Under the Jal.Jeevan.Hariyali campaign, 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.			
2	48-2215011920103 Jal-Jeevan-Hariyali	32.60	787.50	700.00	630.00	630.00					
3	48-2215011930102 Jal-Jeevan-Hariyali	190.33	787.50	700.00	630.00	630.00	Programme Implementation Technology and Infrastructure	Waste Management Air and Water Pollution Abatement SDG 6 Subsidies			
4	48-2217011910124 Special Sanitation Subsidy	1797.32	1840.00	2000.00	1600.00	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.					
5	48-2217031920114 Special Sanitation Subsidy	1599.39	1600.00	500.00	400.00	400.00	Programme Implementation	Investment Programme Implementation Education and Awareness Training and Capacity Building			
6	48-2217031930113 Special Sanitation Subsidy	1141.60	1360.00	500.00	400.00	400.00					
		Total	4761.24	7050.00	5100.00	4290.00					
Agriculture Department											
1	01-2401001040205 Traditional Farming Development Scheme	580.65	4145.00				Climate Change Mitigation and Adaptation Sustainable Land Use SDG 2	Under this scheme, promotion of natural resource based efficient sustainable agriculture system which ensures maintenance of soil fertility and natural resource conservation, recycling of nutrients on farm and reducing the dependence of farmers on external inputs.			
2	01-2401001040305 Traditional Farming Development Scheme			1034.00							
3	01-2401007890341 Traditional Farming Development Scheme						Investment Programme Implementation Education and Awareness Training and Capacity Building				
4	01-2401007960363 Traditional Farming Development Scheme	4.83	28.00								

Budget Estimates - FY 2023-24							Rs. In Lakh		
Sl.	Budget Code and Identified Schemes	FY 2021-22		FY 2022-23	FY 2023-24	FY 2023-24	Environment Sustainability Relevance		
		Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate				
Category 'B' - Green Budget Estimate 90-75% (Very High)									
Agriculture Department									
5	01-2402001020313 Integrated Watershed Management Programme (IWMP)	643.00	4652.00	1958.49	1469.00	Pucca check dam, silt barrier dam, rejuvenation of ahari, fencing, statueguard, trench and plantation etc.	Natural Resource Management Green Infrastructure SDG 6 SDG 15 Programme Implementation Technology and Infrastructure		
6	01-2401007890241 Organic Farming Under Participatory Reimbursement System Method						Climate Change Mitigation and Adaptation Sustainable Land Use SDG 2 Subsidies Programme Implementation Education and Awareness Training and Capacity Building		
7	01-2401007960263 Organic Farming Under Participatory Reimbursement System Method					Organic Farming under Participatory Guarantee System	SDG 2 Subsidies Programme Implementation Education and Awareness Training and Capacity Building		
8	01-2401007960231 National Agricultural Development Scheme (RKBY) (ACA)	90.99	120.00	735.96	552.00		Natural Resource Management Climate Change Mitigation and Adaptation SDG 2		
9	01-2401001090216 National Agricultural Development Scheme (RKBY) (ACA)	4159.79	9960.00			Under this, PGS Certification and organic farming are to be promoted so that the objectives of organic farming can be achieved.	Programme Implementation Education and Awareness Subsidies		
10	01-2401001090316 National Agricultural Development Scheme (RKBY) (ACA)		4150.00	11281.31	8461.00				
11	01-2401007890303 National Agricultural Development Scheme (RKBY) (ACA)	782.70	800.00	4139.73	3105.00				

Budget Estimates - FY 2023-24							Rs. In Lakh		
Sl.	Budget Code and Identified Schemes	FY 2021-22		FY 2022-23	FY 2023-24	FY 2023-24	Environment Sustainability Relevance		
		Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate	Scheme Objective			
Category 'B' - Green Budget Estimate 90-75% (Very High)									
Agriculture Department									
12	01-2402007890302 Soil and Water Conservation			897.00		Pucca check dams, silt barrier dams, rejuvenation of ahari bunds, statuegarden trenches and plantation etc.	Natural Resource Management Green Infrastructure SDG 6		
13	01-2402007960309 Soil and Water Conservation	24.00		56.00			Programme Implementation Technology and Infrastructure		
14	01-2401007890126 Promotion of Organic Farming					Enhancing the health and fertility of the soil by promoting the use of bio and organic fertilizers among the farmers and encouraging the farmers for organic farming.	Climate Change Mitigation and Adaptation Sustainable Land Use SDG 6 SDG 15		
Total		6285.96		25842.00	18115.49	13587.00			
Minor Water Resources Department									
1	50-4702001010101 Minor Irrigation	146.95		2147.00	1245.00	933.75	Green Infrastructure Sustainable Land Use SDG 6		
2	50-4702007890101 Minor Irrigation	28.70		414.00	240.00	180.00	Programme Implementation Investment Technology and Infrastructure		
3	50-4702007960103 Minor Irrigation			26.00	15.00	11.25			
Total		175.65		2587.00	1500.00	1125.00			
Total Green Contribution of 90-75% Significance		11222.85		35479.00	24715.49	19002.00			

Budget Estimates - FY 2023-24

Sl.	Budget Code and Identified Schemes					Scheme Objective	Environment Relevance	Rs. In Lakh				
		FY 2021-22	FY 2022-23	FY 2023-24	Green Budget Estimate							
Category 'C' - Green Budget Estimate 75-50% (High)												
Rural Development Department												
1	42-2505021010201 National Rural Employment Guarantee Scheme (MNREGS)	174586.5501	143000.00	338200.00	253650.00	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 Green Economy Green Infrastructure SDG 6 SDG 8 SDG 15					
2	42-2505021010301 National Rural Employment Guarantee Scheme (MNREGS)	54176.90	19500.00	45000.00	33750.00		Programme Implementation Subsidies Technology and Infrastructure Training and Capacity Building					
	Total	228763.45	162500.00	383200.00	287400.00							
Agriculture Department												
1	01-2401007890323 National Food Security Mission					To increase the production and productivity of food crops, expand the area under cultivation, and strengthen the economic condition of farmers	Natural Resource Management Sustainable Land Use Green Economy SDG 2 Subsidies Programme Implementation Education and Awareness					
2	01-2401007960359 National Food Security Mission											
3	01-2401001050106 Organic Farming Promotion	2843.23	5939.00	5031.74	3522.00	Enhancing the health and fertility of the soil by promoting the use of bio and organic fertilizers among the farmers and encouraging the farmers for organic farming.	Climate Change Mitigation and Adaptation Sustainable Land Use SDG 2 Subsidies Programme Implementation Education and Awareness Training and Capacity Building					
4	01-2401007890126 Organic Farming Promotion	534.01	1145.00	880.34	660.26							
5	01-2401007960148 Organic Farming Promotion	25.43	72.00	89.62	63.00							

Budget Estimates - FY 2023-24

Category 'C' - Green Budget Estimate 75-50% (High)									
Sl.	Budget Code and Identified Schemes	FY 2021-22			FY 2022-23		Scheme Objective	Environment Sustainability Relevance	Rs. In Lakh
		Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	FY 2023-24	Green Budget Estimate			
Agriculture Department									
6	01-2401007890241 Traditional Farming Development Scheme	111.93	799.00				Under this scheme, promotion of natural resource based efficient sustainable agriculture system which ensures maintenance of soil fertility and natural resource conservation, recycling of nutrients on farm and reducing the dependence of farmers on external inputs.	SDG 2 Programme Implementation Education and Awareness Investment Training and Capacity Building	100.00
7	01-2401007960263 Traditional Farming Development Scheme	7.25	50.00						
8	01-2401001040305 Traditional Farming Development Scheme	385.01							
9	01-2401007890341 Traditional Farming Development Scheme	74.62	443.00						
10	01-2401001050207 National Mission For Sustainable Agriculture	305.01	3137.00						
11	01-2401007890238 National Mission For Sustainable Agriculture	61.07	605.00						
12	01-2401007960258 National Mission For Sustainable Agriculture	3.57	38.00				To encourage integrated farming system in the rainfed district of the state.	SDG 2 Programme Implementation Education and Awareness Subsidies	100.00
13	01-2401001050307 National Mission For Sustainable Agriculture	384.00							
14	01-2401007890338 National Mission For Sustainable Agriculture	73.18	199.00						
15	01-2401007960358 National Mission For Sustainable Agriculture	4.36	12.00						

Budget Estimates - FY 2023-24

Sl.	Budget Code and Identified Schemes	Rs. In Lakh					
		FY 2021-22	FY 2022-23	FY 2023-24	FY 2023-24 Green Budget Estimate	Scheme Objective	Environment Sustainability Relevance
Agriculture Department							
Category 'C' - Green Budget Estimate 75-50% (High)							
16	01-2401001090216 National Agricultural Development Scheme (RKBY) (ACA)			31264.04	23448.00		
17	01-2401007890203 National Agricultural Development Scheme (RKBY) (ACA)	1174.73	1920.00	8000.00	6000.00	Under this, P.G.S. Certification and organic farming are to be promoted so that the objectives of organic farming can be achieved.	
18	01-2401001090316 National Agricultural Development Scheme (RKBY) (ACA)	2732.43					
19	01-2401007890303 National Agricultural Development Scheme (RKBY) (ACA)	782.70	800.00	4139.73	3105.00		
20	01-2401007960331 National Agricultural Development Scheme (RKBY) (ACA)	60.41	50.00	218.96	164.00		
21	01-2401007890335 National Horticulture Mission					Sustainable Land Use	
22	01-2402001020112 Land Conservation Work	2417.61	2672.00	4716.00	3301.00	To enhance the availability of rainfall for irrigation, prevent soil erosion, improve soil health, increase moisture retention in the soil, promote water conservation, recharge groundwater, boost crop production, and livelihoods, and restore and develop natural resources.	
23	01-2402007890101 Land Conservation Work	452.45	515.00	1200.00	840.00	Natural Resource Management Green Infrastructure	
24	01-2402007960108 Land Conservation Work	32.65	32.00	84.00	59.00	SDG 6 SDG 15	
25	01-2402001020213 Integrated Watershed Management Programme (IWMP)	952.94	6513.00	6227.49	4359.00	Concrete check dam, silt check dam, renovation of Ahar, embankment, statuqard trench and plantation etc.	

Sl.	Budget Code and Identified Schemes	Rs. In Lakh			
		FY 2021-22	FY 2022-23	FY 2023-24	FY 2023-24 Green Budget Estimate
Agriculture Department					
26	01-2402007890202 Integrated Watershed Management Programme (IWMP)	199.96	1256.00	1584.60	1109.00
27	01-2402007960209 Integrated Watershed Management Programme (IWMP)	53.00	78.00	110.91	78.00
28	01-2402007890302 Integrated Watershed Management Programme (IWMP)	133.31		498.34	374.00
29	01-2402007960309 Integrated Watershed Management Programme (IWMP)			34.88	26.00
30	01-2401001190324 National Horticulture Mission	398.40	663.00	1964.69	982.35
31	01-2401007890335 National Horticulture Mission	76.80	128.00	499.92	250.00
32	01-2401007960357 National Horticulture Mission	4.80	8.00	34.99	17.50
33	01-2401001190224 National Horticulture Mission	597.60	2241.00	4716.00	2358.00
34	01-2401007890235 National Horticulture Mission	115.20	432.00	1200.00	600.00
35	01-2401007960257 National Horticulture Mission	7.20	27.00	84.00	42.00
Total		15004.86	29774.00	72580.25	51358.10

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

Budget Estimates - FY 2023-24

Budget Estimates - FY 2023-24							Rs. In Lakh		
Sl.	Budget Code and Identified Schemes	FY 2021-22		FY 2022-23	FY 2023-24	FY 2023-24	Environment Sustainability Relevance		
		Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate	Scheme Objective			
Category 'C' - Green Budget Estimate 75-50% (High)									
Animal and Fisheries Resources Department									
1	02-2405001010104 Development and Rejuvenation of Pond Fisheries	2158.79	5775.12	7448.28	5586.20		Green Infrastructure SDG 2 SDG 6 SDG 14 Programme Implementation Technology and Infrastructure		
2	02-2405001010117 Fisheries Resources	147.48	4668.75	7494.50	5620.88		Natural Resource Management Sustainable Land Use SDG 2 SDG 6 SDG 14 Subsidies Programme Implementation Education and Awareness Training and Capacity Building Research & Development		
3	02-2405007890102 Fisheries Resources		900.00	2000.00	1500.00				
4	02-2405007960110 Fisheries Resources		56.25	505.50	379.13				
5	02-2405007890101 Chief Minister Pond Statistics Development Assistance to fishermen			2737.00	2052.75		Green Economy SDG 2 SDG 6 SDG 14 Subsidies Programme Implementation Education and Awareness Training and Capacity Building		
6	02-2405007960109 Chief Minister Pond Statistics Development Assistance to fishermen				691.73	518.80			
Total		2306.27	11400.12	20877.01	15657.75				

Budget Estimates - FY 2023-24							Rs. In Lakh		
Sl.	Budget Code and Identified Schemes	FY 2021-22		FY 2022-23	FY 2023-24	FY 2023-24	Environment Sustainability Relevance		
		Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate	Scheme Objective			
Category 'C' - Green Budget Estimate 75-50% (High)									
Education Department									
1	21-4202012010106 Jal-Jeevan-Hariyali			7.50	100.00	75.00	Water harvesting has been constructed in the identified schools under primary and middle schools of the state at the rate of Rs.80,000/- (eighty thousand rupees) only per school. Along with this, there is a plan for construction work for water harvesting and others. SDG 6		
2	21-4202012020115 Jal-Jeevan-Hariyali	158.40	1560.75	300.00	225.00		Water harvesting has been constructed in identified schools under Higher Secondary School at the rate of Rs.80,000/- (Eighty thousand only) per school. Along with this, there is a plan for construction work for water harvesting and others. SDG 6 Programme Implementation Technology and Infrastructure		
Total		158.40	1568.25	400.00	300.00				
Transport Department									
1	47-3055001900102 Bihar Rajya Path Parivahan Nigam	1141.50	2000.00	7000.00	4000.00		Grant for purchase of new CNG buses by Bihar State Road Transport Corporation SDG 11 SDG 13 Subsidies Investment Programme Implementation Technology and Infrastructure		
Total		1141.50	2000.00	7000.00	4000.00				
Total green contribution of 75-50% significance		247374.48	207242.37	484057.26	358715.85				

Budget Estimates - FY 2023-24

Sl.	Budget Code and Identified Schemes					Scheme Objective	Environment Sustainability Relevance	Rs. In Lakh				
		FY 2021-22	FY 2022-23	FY 2023-24	Green Budget Estimate							
Category 'D' - Green Budget Estimate 50-25% (Marginal)												
Urban Development and Housing Department												
1	48-2215021910102 Sewerage Construction, Sewerage and Other Sanitation Plans	3320.04	118.50	200.00	60.00							
2	48-2215021920102 Sewerage Construction, Sewerage and Other Sanitation Plans	469.14	150.00	200.00	60.00							
3	48-2215021930102 Sewerage Construction, Sewerage and Other Sanitation Plans	483.37	150.00	200.00	60.00							
4	48-2215027890101 Sewerage Construction, Sewerage and Other Sanitation Plans	1168.50	7831.50	18500.00	5550.00							
5	48-2215021070101 Storm Water Drainage System		840.00	9591.96	2877.59							
6	48-2215027890103 Storm Water Drainage System		30.00	15883.03	4764.91							
7	48-2215027960105 Storm Water Drainage System		30.00	2125.01	637.50							
8	48-2217011910109 Civil Amenities Assistance Subsidies in Urban Areas	1666.13	1800.00	3000.00	900.00							
9	48-2217011910116 Civil Amenities Assistance Subsidies in Urban Areas	150.38	450.00	1000.00	300.00							
10	48-2217031920105 Civil Amenities Assistance Subsidies in Urban Areas	158.80	375.00	1000.00	300.00							
11	48-2217031930104 Civil Amenities Assistance Subsidies in Urban Areas	254.42	375.00	1000.00	300.00							

Budget Estimates - FY 2023-24							Rs. In Lakh
Sl.	Budget Code and Identified Schemes	FY 2021-22		FY 2022-23	FY 2023-24	FY 2023-24	Environment Sustainability Relevance
		Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate	Scheme Objective	
Category 'D' - Green Budget Estimate 50-25% (Marginal)							
Urban Development and Housing Department							
12	48-5075601900101 Patna Metro Rail	52879.25	47950.00	10000.00	5000.00	After the implementation of Patna Metro Rail Project, there will be reduction in the operation of public vehicles and traffic load will reduce, due to which air pollution and noise pollution will decrease.	Climate Change Mitigation and Adaptation Green Infrastructure SDG 9 SDG 11 SDG 15
13	48-2217010510102 Creation of Moksha Dham			1520.00	0.01	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.	Investment Programme Implementation Technology and Infrastructure]
14	48-2217030510102 Creation of Moksha Dham			2880.00	11999.99	4800.00	Waste Management Air and Water Pollution Abatement SDG 11
	Total	60550.03	64500.00	74700.00	25610.00		Programme Implementation Technology and Infrastructure
Rural Work Department							
1	37-4515001030316 Pradhan Mantri Gram Sadak Vojana	2499.92	1815.95			Road construction is to be done using roadside plantation, plastic waste and other green technologies.	Green Infrastructure SDG 12 SDG 13 SDG 15
	Total	2499.92	1815.95	0.00	0.00		Programme Implementation Technology and Infrastructure

Budget Estimates - FY 2023-24

Sl.	Budget Code and Identified Schemes					Scheme Objective	Environment Relevance	Rs. In Lakh
		FY 2021-22	FY 2022-23	FY 2023-24	Green Budget Estimate			
Agriculture Department								
1	01-2401001040106 Promotion of innovation in Agriculture	4109.00	2801.00	8724.60	3926.00	Sustainable Land Use	Sustainable Land Use	
2	01-2401007890147 Promotion of innovation in Agriculture	792.00	540.00	2220.00	999.00	SDG 2 SDG 6 SDG 15	SDG 2 SDG 6 SDG 15	
3	01-2401007960169 Promotion of innovation in Agriculture	50.00	34.00	155.40	70.00	Programme Implementation Technology and Infrastructure	Programme Implementation Technology and Infrastructure	
4	01-2401001190101 Udhayan Vikas Yojana	6225.00	6450.00	22024.52	11012.00	Area expansion of horticultural fruits, one-year and multi-year, promotion of new vegetable seeds, area development of aromatic plants - mentha and lemongrass, seed distribution of drumstick, area expansion of makhana in Chair, rooftop garden.	Sustainable Land Use	
5	01-2401007890130 Udhayan Vikas Yojana	1200.00	1243.00	5607.89	2804.00	SDG 2 SDG 15	SDG 2 SDG 15	
6	01-2401007960152 Udhayan Vikas Yojana	75.00	78.00	392.64	196.00	Programme Implementation	Programme Implementation	
7	01-2401001020201 Raashreey Khaad Suraksha Mission (NFSM)	1165.75	2457.00	5973.60	2987.00	Sustainable Land Use Green Economy	Sustainable Land Use Green Economy	
8	01-2401007960237 Raashreey Khaad Suraksha Mission (NFSM)	273.74	474.00	1520.00	760.00	SDG 2 SDG 15	SDG 2 SDG 15	
9	01-2401007960259 Raashreey Khaad Suraksha Mission (NFSM)	13.78	30.00	106.40	53.00	To increase the production and productivity of food grain crops, expansion of area under crops, strengthening the economic condition of farmers.	Subsidies Programme Implementation Education and Awareness Training and Capacity Building	
10	01-2401001020301 Raashreey Khaad Suraksha Mission (NFSM)	735.66	967.00	3537.00	1769.00			
11	01-2401007890323 Raashreey Khaad Suraksha Mission (NFSM)	152.49	186.00	900.00	450.00			
12	01-2401007960359 Raashreey Khaad Suraksha Mission (NFSM)	9.19	12.00	63.00	32.00			

Budget Estimates - FY 2023-24

Budget Estimates - FY 2023-24							Rs. In Lakh	
Sl.	Budget Code and Identified Schemes	FY 2021-22		FY 2022-23		FY 2023-24		Environment Sustainability Relevance
		Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate	Scheme Objective		
Category 'D' - Green Budget Estimate 50-25% (Marginal)								
Agriculture Department								
13	01-2401001030218 Seeds & Planting Material Sub-Mission			445.00			Climate Change Mitigation and Adaptation ----- SDG 2	
14	01-2401007960271 Seeds & Planting Material Sub-Mission			5.00		Production of seeds under Beej Gram Yojana	Programme Implementation Training and Capacity Building ----- SDG 15	
15	01-2401007890349 Seeds & Planting Material Sub-Mission			34.00			Subsidies Programme Implementation Training and Capacity Building Technology and Infrastructure ----- SDG 2	
16	01-2401007960356 National Mission on Oilseeds and Oil Palms					Promote the production of oilseed crops	Sustainable Land Use Green Infrastructure Green Economy ----- SDG 2 SDG 6 SDG 15	
17	01-2401001090218 Pradhan Mantri Krishi Sinchaae Yojana			1703.00			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.	
18	01-2401007960261 Pradhan Mantri Krishi Sinchaae Yojana			21.00				
19	01-2401001090318 Pradhan Mantri Krishi Sinchaae Yojana			786.00				
Total		14801.61		18266.00		51225.05	25058.00	

Budget Estimates - FY 2023-24

Budget Estimates - FY 2023-24							Rs. In Lakh	
Sl.	Budget Code and Identified Schemes	FY 2021-22		FY 2022-23		FY 2023-24		Environment Sustainability Relevance
		Actual Green Budget Estimate	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate	Scheme Objective		
Category 'D' - Green Budget Estimate 50-25% (Marginal)								
Animal and Fisheries Resources Department								
1	02-2405001010219 Blue Revolution. Integrated Development and Management of Fisheries	464.43	7480.71	3971.33	1191.40		Green Infrastructure SDG 2 SDG 6 SDG 15	
2	02-2405001010319 Blue Revolution. Integrated Development and Management of Fisheries		697.18				Programme Implementation Technology and Infrastructure Subsidies Training and Capacity Building Research & Development	
3	02-2405007890201 Construction of Repairing Pond, Development of Wetland, Input and Construction of New Pond.		1442.05	1060.00	318.00		Natural Resource Management Green Infrastructure SDG 2 SDG 6 SDG 15	
4	02-2405007960201 Construction of repairing pond, development of wetland, input and construction of new pond.		90.14	268.67	80.60		Subsidies Programme Implementation Technology and Infrastructure Training and Capacity Building Research & Development	
5	02-2405007890301 Construction of Repairing Pond, Development of Wetland, Input and Construction of New Pond.		134.40	400.00	120.00		Green Infrastructure SDG 2 SDG 6 SDG 15	
6	02-2405007960301 Construction of Repairing Pond, Development of Wetland, Input and Construction of New Pond.		8.41	101.10	30.33		Subsidies Programme Implementation Technology and Infrastructure Training and Capacity Building Research & Development	
7	02-2405001010319 Blue Revolution. Integrated Development and Management of Fisheries						Green Infrastructure SDG 2 SDG 6 SDG 15	
Total		775.29	9852.89	7300.00	2190.00		Programme Implementation Technology and Infrastructure Training and Capacity Building Research & Development	

Budget Estimates - FY 2023-24							Rs. In Lakh		
Sl.	Budget Code and Identified Schemes	FY 2021-22		FY 2022-23	FY 2023-24	FY 2023-24	Environment Sustainability Relevance		
		Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate				
Category 'D' - Green Budget Estimate 50-25% (Marginal)									
Industries Department									
1	23-2851001070101 Silk Development Scheme			400.00	175.00	To strengthen their economic condition and create self-employment by planting tasar and Castor plants by regional insect farmers.	Green Economy Sustainable Land Use SDG 2 SDG 6 SDG 15 Subsidies Programme Implementation Technology and Infrastructure Training and Capacity Building		
Total		0.00	0.00	400.00	175.00				
Total green contribution of 50-25% significance		78626.85	94434.84	133625.05	53033.00				
Category 'E' - Green Budget Estimate 25-05% (Low)									
Urban Development and Housing Department									
1	48-2217011910115 Subsidies-in-Aid to Urban Local Bodies of Transport	232.50	50.00				Sustainable Land Use Green Infrastructure SDG 6 SDG 11		
2	48-2217031930103 Subsidies-in-Aid to Urban Local Bodies of Transport	882.01	7.00						
3	48-2217017890102 Subsidies-in-Aid to Urban Local Bodies of Transport	53.26	100.00	1499.98	149.99	Under Mukhyamantri Shahari Nali Gali Pakkaran Nisichay 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 management.			
4	48-2217037890102 Subsidies-in-Aid to Urban Local Bodies of Transport	426.13	450.00	4500.00	450.00				
5	48&2217037890102 Subsidies-in-Aid to Urban Local Bodies of Transport			999.98	99.998				

Budget Estimates - FY 2023-24

Sl.	Budget Code and Identified Schemes					Scheme Objective	Environment Sustainability Relevance	Rs. In Lakh				
		FY 2021-22	FY 2022-23	FY 2023-24	Green Budget Estimate							
Category 'E' - Green Budget Estimate 25-05% (Low)												
Urban Development and Housing Department												
6	48-2217030510202 AMRUT	4.05	4800.00	52400.00	5240.00	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.	Green Infrastructure Waste Management Climate Change Mitigation and Adaptation	SDG 6 SDG 11 SDG 12				
7	48-2217030510302 AMRUT	2895.87	560.00	7999.97	799.997		Programme Implementation Technology and Infrastructure					
8	48-2217800010501 Bihar Urban Development Project			200.00		Under this scheme, the work of sewerage construction etc. is done, which works to keep the environment clean.	Waste Management Air and Water Pollution Abatement	SDG 6 SDG 11				
9	48-2217030510204 Smart City Mission	1360.00	2100.00	18000.00	900.00		Programme Implementation Technology and Infrastructure					
10	48-2217030510304 Smart City Mission	1000.00	1000.00	10000.00	500.00	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 Green Infrastructure	SDG 7 SDG 11 SDG 13				
11	48-3475001080202 Swarna Jubilee City Oriented Scheme (NULM)			206.25			Programme Implementation Technology and Infrastructure					
12	48-3475001080302 Swarna Jubilee City Oriented Scheme (NULM)			69.10			Climate Change Mitigation and Adaptation Green Economy	SDG 11 SDG 13 SDG 15				
13	48-3475007890202 Swarna Jubilee City Oriented Scheme (NULM)			160.00			Education and Awareness					

Budget Estimates - FY 2023-24							Rs. In Lakh				
Sl.	Budget Code and Identified Schemes	FY 2021-22		FY 2022-23		FY 2023-24	Scheme Objective	Environment Sustainability Relevance			
		Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate						
Category 'E' - Green Budget Estimate 25-05% (Low)											
Urban Development and Housing Department											
14	48-3475007890302 Swarna Jubilee City Oriented Scheme (NULM)	18.37	23.40				Climate Change Mitigation and Adaptation Green Infrastructure	SDG 7 SDG 11 SDG 13			
15	48-3475007960202 Swarna Jubilee City Oriented Scheme (NULM)	1.97	8.75	175.00	8.75						
16	48-3475007960302 Swarna Jubilee City Oriented Scheme (NULM)	7.50	7.50								
17	48-2217010510201 Smart City Mission			18000.00	900.00						
18	48-2217010510301 Smart City Mission			10000.00	500.00						
19	48-2217030510206 Smart City Mission			18000.00	900.00						
20	48-2217030510306 Smart City Mission			10000.00	500.00						
21	48-2217030510207 Smart City Mission			18000.00	900.00						
22	48-2217030510307 Smart City Mission			10000.00	500.00						
Total		6881.66	9742.00	179574.93	12348.74						

Budget Estimates - FY 2023-24

Sl.	Budget Code and Identified Schemes					Scheme Objective	Environment Sustainability Relevance	Rs. In Lakh				
		FY 2021-22	FY 2022-23	FY 2023-24	Green Budget Estimate							
Rural Works Department												
Category 'E' - Green Budget Estimate 25-05% (Low)												
1	37-4515007890201 Capital outlay on other rural development Programmes					Roads construction using waste plastic materials and other green technologies	Green Infrastructure SDG 12 SDG 15 Programme Implementation Technology and Infrastructure					
1	37-4515001030316 Pradhan Mantri Gram Sadak Yojana					8685.97 Road construction is to be done using roadside plantation, plastic waste and other green technologies.	Green Infrastructure SDG 12 SDG 13 SDG 15 Programme Implementation Technology and Infrastructure					
Total		0.00	0.00	40000.00	8685.97							
Agriculture Department												
1	01-2401001030109 Expansion of Seed Multiplication Farms Expenditure on Cultivation	2324.00	2857.00	10218.00	2554.50		Climate Change Mitigation and Adaptation SDG 2					
2	01-2401007890117 Expansion of Seed Multiplication Farms Expenditure on Cultivation	448.00	551.00	2600.00	520.00	Foundation/Certified Seed Production Program	Programme Implementation Education and Awareness Training and Capacity Building					
3	01-240100107960140 Expansion of Seed Multiplication Farms Expenditure on Cultivation	28.00	34.00	182.00	36.40							
4	01-2401001030218 Seeds & Planting Material Sub-Mission	623.00	445.00	880.32	220.00							
5	01-2401007890249 Seeds & Planting Material Sub-Mission	120.00	86.00	224.00	56.00	Seed production under Beej Gram Yojana	Climate Change Mitigation and Adaptation SDG 2 Programme Implementation Training and Capacity Building					
6	01-2401007960271 Seeds & Planting Material Sub-Mission	8.00	5.00	15.68	4.00							

Sl.	Budget Code and Identified Schemes	Rs. In Lakh					
		FY 2021-22	FY 2022-23	FY 2023-24	FY 2023-24 Green Budget Estimate	Scheme Objective	Environment Sustainability Relevance
Category 'E' - Green Budget Estimate 25-05% (Low)							
Agriculture Department							
7	01-2401001030318 Seeds & Planting Material Sub-Mission	269.00	152.00	419.04	105.00		
8	01-2401007890349 Seeds & Planting Material Sub-Mission	52.00	2.00	106.62	26.66		
9	01-2401007960371 Seeds & Planting Material Sub-Mission	3.00	2.00	7.46	1.87		
10	01-2401001080220 National Mission on Oilseeds and Oil Palms	114.00	100.00	817.44	163.00		
11	01-2401007890234 National Mission on Oilseeds and Oil Palms	22.00	19.00	208.00	42.00		
12	01-2401007960256 National Mission on Oilseeds and Oil Palms	1.00	1.00	14.56	3.00		
13	01-2401001080320 National Mission on Oilseeds and Oil Palms	49.00	52.00	447.29	89.00	Promotion of production of oilseed crops	
14	01-2401007890334 National Mission on Oilseeds and Oil Palms	10.00	10.00	113.81	23.00	Programme Implementation Education and Awareness Training and Capacity Building	
15	01-2401007960356 National Mission on Oilseeds and Oil Palms	1.00	1.00	7.97	2.00		

Budget Estimates - FY 2023-24

Sl.	Budget Code and Identified Schemes					Scheme Objective	Environment Relevance	Rs. In Lakh				
		FY 2021-22	FY 2022-23	FY 2023-24	Green Budget Estimate							
Category 'E' - Green Budget Estimate 25-05% (Low)												
Agriculture Department												
16	01-2401001090218 Pradhan Mantri Krishi Sinchaae Yojana	1577.00	1703.00				Sustainable Land Use Green Infrastructure Green Economy					
17	01-2401007890239 Pradhan Mantri Krishi Sinchaae Yojana	304.00	328.00				SDG 2 SDG 6 SDG 15					
18	01-2401007960261 Pradhan Mantri Krishi Sinchaae Yojana	19.00	21.00			Construction of various types of structures related to land and water conservation, plantation, training, formation of self-help groups, Programme for landless farmers and production system sprinkler/drip irrigation scheme etc.	Subsidies Programme Implementation Training and Capacity Building Technology and Infrastructure					
19	01-2401001090318 Pradhan Mantri Krishi Sinchaae Yojana	682.00	786.00									
20	01-2401007890339 Pradhan Mantri Krishi Sinchaae Yojana	131.00	152.00									
21	01-2401007960361 Pradhan Mantri Krishi Sinchaae Yojana	8.00	9.00									
Total		6793.00	7316.00	16262.19	3846.42							
Animal and Fisheries Resources Department												
1	02-2404007960101 Training and Extension					Subsidy is to be provided to the beneficiaries of scheduled tribes on establishment of 83 dairy units of 02 milch cattle in all districts of the state and 285 male members of scheduled tribes are to be provided training related to animal management and nutrition in DNS Patna.	Sustainable Land Use Green Infrastructure Green Economy					
							SDG 2 SDG 15					
							Subsidies Programme Implementation Training and Capacity Building					

Budget Estimates - FY 2023-24

Budget Estimates - FY 2023-24							
Sl.	Budget Code and Identified Schemes	Rs. In Lakh					
		FY 2021-22	FY 2022-23	FY 2023-24	Green Budget Estimate	Scheme Objective	
Category 'E' - Green Budget Estimate 25-05% (Low)							
Animal and Fisheries Resources Department							
2	02-2404007960102 Milk Production and Culture Project by Modern Techniques				<p>Sustainable Land Use Green Infrastructure Green Economy</p> <p>SDG 2 SDG 9 SDG 15</p> <p>Technology and Infrastructure Training and Capacity Building Research & Development</p>		
		0.00	0.00	0.00	0.00	0.00	
Building Construction Department							
1	03-4059010510101 Building Construction	685.65	1134.00	17950.00	1253.00	<p>Green Infrastructure Climate Change Mitigation and Adaptation</p> <p>SDG 6 SDG 7 SDG 11 SDG 12 SDG 13</p> <p>Programme Implementation Technology and Infrastructure</p>	
2	03-4216017000101 Other Accommodation	2212.91	3080.00	43000.00	3010.00		
3	03-4059800510110 Judicial Building						
4	03-4216017000102 Judicial Residential Building						
Total		2898.56	4214.00	60950.00	4263.00		

Budget Estimates - FY 2023-24							Rs. In Lakh		
Sl.	Budget Code and Identified Schemes	FY 2021-22		FY 2022-23	FY 2023-24	FY 2023-24	Environment Sustainability Relevance		
		Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate	Scheme Objective			
Category 'E' - Green Budget Estimate 25-05% (Low)									
Water Resources Department									
1	49-270500010204 Pradhan Mantri Krishi Sinchaae Yojana			100.00	500.00	100.00	Sustainable Land Use Green Infrastructure Green Economy		
2	49-270500010304 Pradhan Mantri Krishi Sinchaae Yojana			683.00	2822.00	564.40	Implementation of approved irrigation schemes (Duravati Reservoir Scheme and Purna Barrage Scheme) under Pradhan Mantri Krishi Sinchaa Yojana.		
3	49-4700800510207 Pradhan Mantri Krishi Sinchaae Yojana	631.39	812.60	6582.00	1316.40	1316.40	SDG 2 SDG 6		
4	49-4700800510309 Pradhan Mantri Krishi Sinchaae Yojana	259.79	1333.80	3405.00	681.00	681.00	Programme Implementation Technology and Infrastructure		
5	49-4700800050101 Survey and Investigation	120.00	100.00	700.00	140.00	140.00	Under this bill code, the work of preparing the PPR (Preliminary Project Report) of the Kosi-Mechi link project is being done.		
6	49-4700800510102 Plan to Connect River Basins	11.96	100.00	300.00	60.00	60.00	Under this bill code, the work of preparing DPR (Detailed Project Report) of Kosi-Mechi link project is being done.		

Budget Estimates - FY 2023-24

Sl.	Budget Code and Identified Schemes	Rs. In Lakh				
		FY 2021-22	FY 2022-23	FY 2023-24	FY 2023-24	
	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate	Scheme Objective	Environment Sustainability Relevance
Category 'E' - Green Budget Estimate 25-05% (Low)						
Water Resources Department						
7	49-4700800510104 Irrigation Generation Projects (work) NABARD Loan Schemes	148570.12	18600.00	8000.00	2000.00	The main purpose of the expenditure is to create/rehabilitate irrigation facility and ensure availability of drinking water, which will naturally help in environmental protection. Green Infrastructure Natural Resource Management ----- SDG 2 SDG 6
8	49-4700800510105 Irrigation Generation Projects (Work)	14602.86	11586.25	72957.00	18239.25	
9	49-4700807890102 Irrigation Generation Projects (Work)	6315.89	6705.50	38994.00	9748.50	
10	49-4700800510310 North Koel Reservoir Project			300.00	6791.00	This scheme is a joint project of Bihar-Jharkhand. In this scheme, there is provision for construction of dam near Kuktu village in Jharkhand state on North Koel river and construction of pick-up barrage near Muhammaganj 96 km down and construction of right and left canal system emerging from it. With this scheme, irrigation facility is to be made available to the farmers in Aurangabad district of Bihar state.
11	49-4711010510110 Flood Control Projects (Works)	3768.02	840.00	10850.00	1085.00	
12	49-4711017890104 Flood Control Projects (Works)	2108.32	2330.00	23329.00	2332.90	
13	49-4711017960101 Flood Control Projects (Works)	253.30	313.30	3821.00	382.10	
14	49-4711010510111 Flood Control Projects (Works) NABARD Loan Schemes	260.70	600.00	2000.00	200.00	The main purpose of the expenditure is to construct roads on dams and embankments of canals, which will be helpful in running all programs of environmental protection.

Budget Estimates - FY 2023-24

Sl.	Budget Code and Identified Schemes					Scheme Objective	Environment Sustainability Relevance	Rs. In Lakh				
		FY 2021-22	FY 2022-23	FY 2023-24	Green Budget Estimate							
Water Resources Department												
Category 'E' - Green Budget Estimate 25-05% (Low)												
15	49-4711010510209 Accelerated Irrigation Benefit and Flood Management Programme and Other Water Resource Programmes	4552.82	7280.00	80080.00	8008.00	The main objective of the expenditure is to protect against floods and erosion, which will naturally contribute to environmental protection.	Natural Resource Management Sustainable Land Use ----- SDG 2 SDG 6					
16	49-4711010510309 Accelerated Irrigation Benefit and Flood Management Programme and Other Water Resource Programmes			1841.60	21982.00		Programme Implementation Technology and Infrastructure					
17	49-4711010510212 River Management Activity and Works in Border Area	1380.12	1650.00	18150.00	1815.00	Under this bill code, anti-erosion works are being implemented in Nepal part.	Green Infrastructure Natural Resource Management ----- SDG 2 SDG 6					
18	49-4700807890103 Har Khet Tak Sinchaae ka Pani		400.00	4000.00	1000.00							
19	49-4700807960101 Har Khet Tak Sinchaae ka Pani		25.00	500.00	125.00	Under Sat nishchay- 2, the main purpose of the expenditure is to create/rehabilitate the irrigation facility, which will naturally help in environmental protection.	Programme Implementation Technology and Infrastructure					
20	49-4700800510106 Har Khet Tak Sinchaae ka Pani		2075.00	15500.00	3875.00							
Total		182835.29	57676.05	321263.00	55228.95							
Information & Public Relations Department												
Category 'E' - Green Budget Estimate 25-05% (Low)												
1	24-2220601060101 Regional Publicity Plan			411.00		Wide publicity of Jal-Jeevan Hariyali Abhiyan.	Climate Change Mitigation and Adaptation ----- SDG 6 SDG 13 SDG 15 Education and Awareness					
Total		0.00	411.00		0.00	0.00						

Budget Estimates - FY 2023-24

Budget Estimates - FY 2023-24							Rs. In Lakh
Sl.	Budget Code and Identified Schemes	FY 2021-22	FY 2022-23	FY 2023-24	Green Budget Estimate	Scheme Objective	Environment Sustainability Relevance
Category 'E' - Green Budget Estimate 25-05% (Low)							
Transport Department							
1	47-3055001990101 Mukhya Mantri Gramin Parivahan Yojana	508.07	225.00	900.00	45.00	In anticipation of the possible Chief Minister's Village Transport Scheme in the financial year 2023-34, grant will also be given on the purchase of E- rickshaws in addition to other vehicles.	Climate Change Mitigation and Adaptation SDG 13 SDG 15
2	47-3055007890101 Mukhya Mantri Gramin Parivahan Yojana		275.00	2000.00	100.00		Subsidies
	47-3055007960101 Mukhya Mantri Gramin Parivahan Yojana		25.00	200.00	10.00		Programme Implementation Technology and Infrastructure
Total		508.07	525.00	3100.00	155.00		
Tourism Department							
1	46-5452011010104 Development of tourist infrastructure				24500.00	2699.40	Providing water supply and protection in the pond. Water supply in Abhishek Pushpakami Sarovar near Vishwa Shanti Stupa under Vaishali district. Development and beautification of Raigir ropeway and its surrounding areas keeping in view the environmental situation. Beautification of Raigir ropeway and its surrounding areas under Nalanda district. Development and beautification of Raigir's Ghoda-Katora keeping in view the environmental situation. Development of tourist structures in Ghoda-Katora of Raigir under Nalanda district. Keeping in mind the environmental situation, development and beautification should be done on Gurpa mountain under Gaya district. Development of tourist structures on Gurpa mountain under Gaya district.
Total		0.00	0.00	24500.00	2699.40		
Total green contribution of 25-5%	199916.58	79884.05	645650.12	87227.48			significance

Budget Estimates - FY 2023-24

Sl.	Budget Code and Identified Schemes					Scheme Objective	Environment Sustainability Relevance	Rs. In Lakh				
		FY 2021-22	FY 2022-23	FY 2023-24	Green Budget Estimate							
Category 'F' - Green Budget Estimate 05% or Less (Marginal)												
Urban Development and Housing Department												
1	48-3475001080202 Swarna Jayanti Shahari Rojgar Yojana (NULLM)			4125.00	206.25							
2	48-3475001080302 Swarna Jayanti Shahari Rojgar Yojana (NULLM)			0.01								
3	48-3475007890202 Swarna Jayanti Shahari Rojgar Yojana (NULLM)			3200.00	160.00							
4	48-3475007890302 Swarna Jayanti Shahari Rojgar Yojana (NULLM)	18.37		0.01								
5	48-3475007960202 Swarna Jayanti Shahari Rojgar Yojana (NULLM)	1.97		175.00	8.75							
6	48-3475007960302 Swarna Jayanti Shahari Rojgar Yojana (NULLM)	7.50		0.01								
Total		27.84	0.00	7500.03	375.00							
Rural Development Department												
1	42-2215027890204 Swachh Bharat Mission (Rural)		800.00									
2	42-2215027890304 Swachh Bharat Mission (Rural)		150.00									
3	42-2215027960206 Swachh Bharat Mission (Rural)		40.00									
4	42-2215027960306 Swachh Bharat Mission (Rural)		7.50									
Total												
Waste Management Air and Water Pollution Abatement												
1	42-2215027890204 Swachh Bharat Mission (Rural)											
2	42-2215027890304 Swachh Bharat Mission (Rural)											
3	42-2215027960206 Swachh Bharat Mission (Rural)											
4	42-2215027960306 Swachh Bharat Mission (Rural)											
Total												
SDG 6												
Programme Implementation Education and Awareness												
Under this scheme, wide publicity is done in urban areas in the interest of environment.												
SDG 11												
SDG 13												
SDG 15												

Budget Estimates - FY 2023-24

Sl.	Budget Code and Identified Schemes	Category 'F' - Green Budget Estimate 05% or Less (Marginal)				Rs. In Lakh
		FY 2021-22	FY 2022-23	FY 2023-24	FY 2023-24	
	Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate	Scheme Objective	Environment Sustainability Relevance
Rural Development Department						
5	42-2501061010202 Rashtriya Gramin Aajeevika Mission (NRLM)	3031.31	3286.50	59219.00	2960.95	
6	42-2501061010302 Rashtriya Gramin Aajeevika Mission (NRLM)	2010.14	541.80	14655.00	732.75	
7	42-2501067890202 Rashtriya Gramin Aajeevika Mission (NRLM)	2543.11	2660.50	60846.00	3042.30	
8	42-2501067890302 Rashtriya Gramin Aajeevika Mission (NRLM)	1689.18	438.60	15057.00	752.85	
9	42-2501067960202 Rashtriya Gramin Aajeevika Mission (NRLM)	1768.28	1878.00	27835.00	1391.75	
10	42-2501067960302 Rashtriya Gramin Aajeevika Mission (NRLM)	1174.34	309.60	6888.00	344.40	
11	42-2501061010204 National Rural Livelihoods Mission		252.00			
12	42-2501061010304 National Rural Livelihoods Mission		31.50			
13	42-2501061010205 National Rural Livelihoods Mission		12.60	1000.00	50.00	
14	42-2501061010305 National Rural Livelihoods Mission		2.10	400.00	20.00	
Green Economy						
				SDG 5		
				SDG 8		
				Subsidies Programme Implementation Education and Awareness Training and Capacity Building		
				This scheme is working for the development for women, empowerment and eradication of rural poverty. Under this, continuous work is being done by Jeevika for financial support, accounting management and other points for earning livelihood by creating institutional organizations for women from poor families. Along with the development of community-based organization, Jeevika also selected community professionals from among the community to assist in various works and their capacity was enhanced. These community professionals are selected by the community organization and work as Jeevika Mitra, Accountant, Community Resource Worker, Village Resource Worker, Bank Mitra, Pashu Sakhi, Employment Resource Worker under the supervision and supervision of the community organization. Technical support is provided from time to time.		

Budget Estimates - FY 2023-24

Sl.	Budget Code and Identified Schemes	Budget Estimates - FY 2023-24				Environment Sustainability Relevance	Rs. In Lakh
		FY 2021-22	FY 2022-23	FY 2023-24	Green Budget Estimate		
Category 'F' - Green Budget Estimate 05% or Less (Marginal)							
						Rural Development Department	
15	42-2501061010206 National Rural Livelihoods Mission			2.10	4620.00	231.00	
16	42-2501061010306 National Rural Livelihoods Mission			2.10	660.00	33.00	
17	42-2501067890203 National Rural Livelihoods Mission			204.00			
18	42-2501067890303 National Rural Livelihoods Mission			25.50			
19	42-2501067890204 National Rural Livelihoods Mission			10.20			
20	42-2501067890304 National Rural Livelihoods Mission			1.70			
21	42-2501067890205 National Rural Livelihoods Mission			1.70	2170.00	108.50	
22	42-2501067890305 National Rural Livelihoods Mission			1.70	310.00	15.50	
23	42-2501067960203 National Rural Livelihoods Mission			144.00			
24	42-2501067960303 National Rural Livelihoods Mission			18.00			

Budget Estimates - FY 2023-24

Budget Estimates - FY 2023-24

Sl.	Budget Code and Identified Schemes	Rs. In Lakh				
		FY 2021-22	FY 2022-23	FY 2023-24	FY 2023-24	
	Actual Green Budget Estimate	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate	Scheme Objective	Environment Sustainability Relevance
Category 'F' - Green Budget Estimate 0% or Less (Marginal)						
Rural Work Department						
1	37-3054041050001 Road and Bridge	3436.00	8964.00	350000.00	14400.00	
2	37-4515001030113 Mukhya Mantri Gram Sampark Yojana	586.65	137.00	44198.00	202.04	
3	37-4515007960109 Mukhya Mantri Gram Sampark Yojana	106.81	36.34	10000.00	45.71	Roadside tree plantation
4	37-4515007890104 Mukhya Mantri Gram Sampark Yojana	1759.58	160.21	100000.00	457.14	
5	37-4515001030216 Pradhan Mantri Gram Sampark Yojana	17371.00	2643.87	321029.00	8713.47	
Total		23260.04	11941.42	825227.00	23818.36	
Animal and Fisheries Resources Department						
Natural Resource Management						
1	02-2404001020115 Gavya Farm Yojana					Green Economy
2	02-2404007890101 Gramin Dairy Rojgar Yojana					SDG 2
3	02-2404001020116 Milk production and processing project by modern techniques					Under sat nischay project, milk production is to be promoted through modern techniques.
4	02-2404007890103 Milk production and processing project by modern techniques					Programme Implementation Technology and Infrastructure Training and Capacity Building Research & Development
5	02-2405001090102 Fish Breeding	40.93	81.00	1397.42	69.87	Awareness among fish farmers.
Total		40.93	81.00	1397.42	69.87	
Natural Resource Management						
Green Economy						
1	02-2404001020115 Gavya Farm Yojana					SDG 14
2	02-2404007890101 Gramin Dairy Rojgar Yojana					Education and Awareness

Budget Estimates - FY 2023-24							Rs. In Lakh		
Sl.	Budget Code and Identified Schemes	FY 2021-22		FY 2022-23	FY 2023-24	FY 2023-24	Environment Sustainability Relevance		
		Actual Green Budget	Revised Green Budget Estimate	Budget Estimate	Green Budget Estimate	Scheme Objective			
Category F' - Green Budget Estimate 05% or Less (Marginal)									
Road Construction Department									
1	41-5054033370508 Road	101.47	170.14	162300.00	3993.38		Biodiversity and Ecology		
2	41-5054033370102 Large Road	194.26	150.26	35000.00	133.71	There is a provision for compulsory plantation, conservation of biodiversity and ecological balance in all the projects.	SDG 13		
3	41-5054037890101 Large Road			10000.00			SDG 15		
4	41-5054031010103 NABARD			120000.00	672.15		Programme Implementation Technology and Infrastructure		
Total		295.73	320.40	327300.00	4799.24				
Tourism Department									
Providing water supply and protection in the Pond. Water supply in Abhishek Pushpakarni Sarovar near Vishwa Shanti Stupa under Vaishali district Development and beautification of Rajgir ropeway and its surrounding areas keeping in view the environmental situation. Beautification of Rajgir ropeway and its surrounding areas under Nalanda district. Development and beautification of Rajgir's Ghoda-Katora keeping in view the environmental situation. Development of tourist structures in Ghoda-Katora of Rajgir under Nalanda district. Keeping in mind the environmental situation, development and beautification should be done on Gurpa mountain under Gaya district. Development of tourist structures on Gurpa mountain under Gaya district.									
1	46-5452011010104 Development of Tourist Infrastructure	207.42	1356.50				Sustainable Land Use Green Infrastructure Green Economy		
Total		207.42	1356.50	0.00	0.00				

Budget Estimates - FY 2023-24

Sl.	Budget Code and Identified Schemes					Scheme Objective	Environment Sustainability Relevance	Rs. In Lakh
		FY 2021-22	FY 2022-23	FY 2023-24	Green Budget Estimate			
Category F' - Green Budget Estimate 05% or Less (Marginal)								
						Education Department		
1	21-2202010010105 Educational Seminars, Workshops and Various Educational Events and Festivals	8.00	15.00	1000.00	15.00	Under primary education, there is a provision for workshops and various seminars to make students aware and sensitive towards tree plantation in primary and middle schools.	Natural Resource Management Climate Change Mitigation and Adaptation	
2	21-2202011090103 Middle School Student Tour		0.50	2000.00	100.00	Under this scheme, children studying in primary, middle, secondary and higher secondary schools are taken on a tour of Bihar's major biological parks and tourist places, so that the students are committed to make the environment clean and beautiful by being aware of the environment.	SDG 4 SDG 13	
3	21-2202010010107 Subsidies to Bihar Bal Bhawan	25.00	50.00	1500.00	75.00	To encourage the operation of solar power plates, computers and others on Kilkari buildings with solar energy and not to light unnecessary lights. Painting competition is organized to create awareness on endangered species like owl, sparrow conservation etc.	Programme Implementation Education and Awareness Training and Capacity Building	
4	21-2202021090110 Mukhya Mantri Bihar Darshan Yojana		5.00	1200.00	60.00	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.	Natural Resource Management Climate Change Mitigation and Adaptation	
5	21-4202012010105 Primary School Building Construction	1.25	250.00	15002.00	250.00	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.	SDG 7 SDG 9 SDG 13	
6	21-4202012020103 Middle School Building Construction	1999.92	1820.00	17401.00	820.00		Programme Implementation Education and Awareness Training and Capacity Building	

Budget Estimates - FY 2023-24						
Sl.	Budget Code and Identified Schemes	Rs. In Lakh				
		FY 2021-22	FY 2022-23	FY 2023-24	Green Budget Estimate	Scheme Objective
		Actual Green Budget	Revised Green Budget Estimate	Budget Estimate		Environment Sustainability Relevance
Category 'F' - Green Budget Estimate 05% or Less (Marginal)						
Education Department						
7	21-2202010010002 Encourage for Social Festival		1.00	10.00	0.50	Natural Resource Management Climate Change Mitigation and Adaptation SDG 4
8	21-2202011090004 Encouragement for Social festival in schools		0.25	5.00	0.25	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 15
Total		2034.17	2141.75	38118.00	1320.75	
Information & Public Relations Department						
1	24-2220601060101 Regional Publicity Scheme	399.51		8198.00	410.00	Wide publicity of Jal-Jeevan Hariyali Abhiyan. SDG 13
Total		399.51	0.00	8198.00	410.00	
Building Construction Department						
1	03-2059800530001 Maintenance and Repair	1554.25	1700.00	42500.00	2125.00	Rain water harvesting work for ground water conservation SDG 9
Total		1554.25	1700.00	42500.00	2125.00	
Total green contribution of 5 -0%	significance	43061.48	30773.57	1460139.45	43413.17	
Total Green Budget		676729.16	799649.01	3178873.01	992077.13	



बिहार सरकार

Government of Bihar Finance Department