Grant No. 42

145 - Ministry of Environment, Forest and Climate Change

Medium Term Expenditure

	-		(Taka in Thousands)			
Description	Budget	Projection				
Description	2023-24	2024-25	2025-26			
Operating Expenditure	788,23,00	867,06,00	953,76,00			
Development Expenditure	851,32,00	936,45,00	1030,10,00			
Total	1639,55,00	1803,51,00	1983,86,00			
·	·	·				
Recurrent	1042,90,90	1375,13,52	1698,64,69			
Capital	500,96,95	427,87,48	284,71,31			
Financial Asset	95,67,15	50,00	50,00			
Liability	0	0	0			
Total	1639,55,00	1803,51,00	1983,86,00			

1.0 Mission Statement and Major Functions

1.1 Mission Statement

Ensuring a sustainable and livable environment for the present and future generations of the country through the conservation of ecosystems and the environment, as well as addressing the impacts of climate change.

1.2 Major Functions

- 1.2.1 Plantation of trees and afforestation in newly formed landmasses, known as accreted chars, as well as the implementation of social forest initiatives.
- 1.2.2 Conservation, expansion, and sustainable development of forest resources, along with the compilation of comprehensive lists of flora.
- 1.2.3 Extraction of forest resources, the establishment of forest resource-based industries, and effective marketing of their products.
- 1.2.4 Conservation and improvement of the environment, including the control of environmental pollution.
- 1.2.5 Undertaking research and providing training on environmental, forestry, and climate change issues.
- 1.2.6 Incorporating and implementing relevant clauses from regional and international conventions, agreements, and protocols pertaining to the environment, forestry, climate change, and wildlife.
- 1.2.7 Preserving wildlife and promoting biodiversity conservation, while also expanding eco-tourism opportunities and protected areas.
- 1.2.8 Ensuring the maintenance of botanical gardens, preserving the genetic diversity of plant species, and conducting surveys to identify different plant varieties.
- 1.2.9 Taking proactive measures to manage the environment, and ecosystems, and mitigate the impacts of climate change.

Medium-Term Strategic Objectives	Activities	Implementing Departments/Agencies
1	2	3
 Mitigating the adverse effects of climate change 	 Implementation of Clean Development Mechanism program (CDM) in sadar upazilas of 6 districts to reduce carbon emission from organic waste. Undertake awareness-raising activities to enhance the adaptation and mitigation 	Department of Environment
	 capacity of the people to face the challenges of climate change and conduct research/studies in these areas. Increase the use of improved technologies for 	
	brick kilns to reduce carbon emission	
	 Stabilize new chars raised at sea and river estuaries through coastal afforestation activities and create green belts to combat marine cyclones. 	Department of Forest
	Undertake CDM activities and install renewable power plants to implement mitigation and carbon emission reduction	Secretariat
	• Develop stress and salt-tolerant rice and other crop varieties and supply safe drinking water for maintaining food and health security as well as social safety,	
	Undertake programs for building environment- friendly infrastructures;	
	Undertake activities under research and knowledge	
	Update of Bangladesh Climate Change Strategy and Action Plan (BCCSAP)	
2. Conservation and sustainable management of forest resources	 Creation and management of block garden and strip plantation, restoration of the forest through Assisted Natural Regeneration / Enrichment plantation in degraded forest. 	Department of Forest
	Sale and distribution of seedlings for afforestation.	
	Distribute benefits among the local people engaged in social forestry program.	
	• Strengthen afforestation and forest management by restoring government- occupied forest lands to increase afforestation, prevent degradation, conserve biodiversity and increase the removal of carbon from the atmosphere.	
	Conduct Forest inventory to determine the forest and tree coverage status in the country.	
	Creation of gardens of different forest tree species for research	 Bangladesh Forest Research Institute
	Production of improved quality bamboo and	

2.0 Medium-Term Strategic Objectives and Activities

Medium-Term Strategic Objectives	Activities	Implementing Departments/Agencies
1	2	3
	 medicinal plants by tissue culture. Organize training/workshops/ seminars to transfer BFRI invented technologies, and conduct field research. 	
3. Control of Pollution	 Conduct mobile courts against the production and use of harmful polythene. Reduce the emission of motor vehicles, reduce/control noise pollution, reduce air pollution, and prevent industrial pollution by ensuring the use of modern technology and through enforcement activities in necessary cases. 	Department of Environment
4. Conservation of eco- system and bio-diversity	Increase people's awareness of the conservation of biodiversity	Department of Environment
	 Expand protected areas to conserve biodiversity. Raise and plant seedlings for the expansion of endangered plant species Raise awareness among local people for protecting wildlife 	Department of Forest
	Undertake programs on the botanical survey, plant identification and preservation of plant specimens, research on plant taxonomy and floristic publication	Bangladesh National Herbarium

3.0 Poverty, Gender and Climate Change Reporting

3.1 Impact of Medium Term Strategic Objectives on Poverty Reduction, Women's Advancement and Climate Change

3.1.1 Mitigating the adverse effects of climate change

Impact on Poverty Reduction: Due to the adaption of various adaptation actions to combat the adverse effects of climate change, there will be increased tolerance against natural disasters, which will indirectly help in reducing the risk of poverty, and the adoption of various mitigation activities will lead to the introduction of new green technologies, which will create employment opportunities along with contributing to human resources development. On the other hand, the training of technicians on the reduction of emissions from ozone-depleting substances is contributing to their employment. People's participation in the activities of coastal garden creation will create scope for employment and increase the quality of life and livelihood

Impact on women's advancement: Climate change poses a significant threat to water and agriculture, with the potential for adverse effects. In such scenarios, women are disproportionately affected. Adaptation and mitigation measures are crucial in reducing risks and protecting women's health and financial stability. Women have been actively included in training programs aimed at reducing emissions of ozone-depleting gases in the refrigeration sector, creating employment opportunities and increasing their income. By ensuring a 50% participation rate of women in cooperative plantation activities, their income can be enhanced. This will contribute to meeting their basic needs, including food security, safe housing, employment, and healthcare to some extent.

Impact on Climate Change Adaptation and Mitigation: Implementation of climate change-related riskreducing activities regarding adaptation and mitigation will help combat the adverse effects of climate change.

3.1.2 Conservation and sustainable management of forest resources

Impact on Poverty Reduction: Involve local people as a beneficiary for conservation, sustainable management and expansion of forest and the creation of participatory block, strip and fruit plantations under the social forestry program; they will receive intermediate crops and benefits. Alternative livelihood will create through collaborative forest management. Alternative livelihood and received benefits will have a direct impact on increasing the income of the poor. Local people involved in social forestry program will increase their role in the production of forest resources through training along with increasing social awareness.

Impact on Women's Advancement: Women will get opportunities for self-employment and incomegenerating activities by involving themselves in participatory plantation and training, raising and distribution of different fruits, wood, and medicinal plants in the homestead. This will contribute to uplifting social status and empowerment of women.

Impact on Climate Change Adaptation and Mitigation: The involvement of local people as a beneficiary in the conservation, sustainable management and expansion of forests and the creation of participatory block and strip forest and fruit plantations; will play an effective role in mitigating and adapting adverse effects of climate change.

3.1.3 Control of Pollution

Impact on Poverty Reduction: Control of environmental pollution has a positive impact on reducing the adverse effects on public health, and therefore, health expenditures are decreasing. Thus control of environmental pollution is indirectly impacting poverty reduction. Reduction in waste production is indirectly impacting poverty reduction and treating waste as resources by producing organic fertilizers and recycled goods has financial benefits. Waste management programs are helping to improve public health and creating employment opportunities for the poor by engaging them in waste management activities.

Impact on Women's Advancement: Controlling pollution plays a significant role in the protection of women's health, especially reproductive health, as half of the country's population is female. Indoor air pollution is being reduced by the installation of Improved Cook Stoves. As a result, women's and child health is being protected from indoor air pollution. Moreover, women and mass people are being benefited as water and air pollution are being reduced by using effluent treatment plants and air treatment plants in industry and factories.

Impact on Climate Change Adaptation and Mitigation: Reduction in air pollution is contributing to decreasing the emission of carbon dioxide along with greenhouse gases, which will prevent the adverse effect of climate change.

3.1.4 Conservation of Ecology and Biodiversity

Impact on Poverty Reduction: An opportunity has been created to involve local people through Comanagement activities in established and expanded protected areas for biodiversity conservation. The development of ecotourism in protected areas has significantly increased local economic activity. As a result, there will be an opportunity of increasing the income of a large number of people in the country and it will play an important role in poverty alleviation

Impact on Women's Advancement: Keeping opportunity for 50% of the destitute and poor women in participatory plantation and wildlife conservation activities as well as the Involvement of 30% as women representatives in Village Conservation Forum will create scope for increasing income of women that will indirectly uplift their social status

Impact on Climate Change Adaptation and Mitigation: Climate change adversely affects human life as well as biodiversity. Through the conservation of biodiversity, particularly through the conservation of plants, the negative impacts of climate change can be tackled. In this context, biodiversity conservation will play a role in reducing the adverse effects of climate change, risks for forest-dependent people will be reduced and climate-resilient livelihoods will be strengthened through Co-management activities in protected areas

	(Taka in Thousand)		
Description	Budget	Proje	ection
Description	2023-24	2024-25	2025-26
Poverty Reduction	1261,76,32	1383,84,19	1565,50,96
Gender	1224,58,40	1231,83,58	1307,55,42
Climate Change	769,20,00	846,12,00	930,73,20

4.1 Priority Spending Areas/Programmes

	Priority Spending Areas/Programmes	Related Strategic Objectives
1.	Tackling the risks arising from climate change Bangladesh is one of the most affected countries in the world by climate change. Therefore, activities related to coping with the adverse effects of climate change, building people's awareness and adapting to the changing situation have been given the highest priority	Mitigating the adverse effects of climate change
2.	Conservation and sustainable management of forest resources Considering the importance of the prevention of soil erosion and degeneration of forest land, increasing the sustainability of newly created Chars, improvement of the quality of soil, protection of properties and lives from the adverse effects of climate change, improvement of biodiversity of plants and animals, reduction of poverty through increasing the area of forest land, restoration of environmental balance by reducing carbon emission under REED+ Program, Eco-system services, recovery of forest and carbon sequestration have been given the second priority.	Conservation and sustainable management of forest resources
3.	Control of pollution Considering the importance of environmental protection through the control of water and air pollution and management of all kinds of hazardous wastes including solid waste management under the Environment Protection Act 1995 (Amended 2010) and this area has been given the third priority	Control of pollution
4.	Conservation of ecology and biodiversity Growing population, climate change and demands for livelihood are taking a heavy toll on biodiversity. Biodiversity is needed for environmental protection. This sector is given priority considering the importance of the expansion and development of protected forest areas, protection of near-extinct plants and animals, protection of existing flora and fauna, development of ecological systems, the undertaking of surveys on forest and wild animals, eco-tourism, restoration of balance in the Food Chain, reducing the pressures on the exploitation of endangered plants and animals by creating alternative means of earning a livelihood. This area has been given the fourth priority	Conservation of ecology and biodiversity

4.2 Medium Term Expenditure Estimates and Projection (2023-24 to 2025-26)

4.2.1 Expenditure by Department/Agencies/Institutional Units

(Taka in Thousan									
Description	Budget Revised		Budget	Projection					
Description	2022-23		2023-24	2024-25	2025-26				
Secretariat, Ministry of Environment, Forest and Climate Change	266,84,00	123,99,91	147,85,00	354,92,00	529,07,00				
Chief Conservator of Forest, Bangladesh Forest Department	541,13,50	558,58,34	715,12,79	401,35,12	232,55,87				

Description	Budget	Revised	Budget	Projection		
Description	2022-23		2023-24	2024-25	2025-26	
Conservators of Forest, Bangladesh Forest Department	14,73,75	15,94,20	14,59,55	18,52,28	18,88,43	
Divisional Forest Offices, Bangladesh Forest Department	467,56,34	446,87,31	480,39,64	501,06,83	558,75,75	
Botanical Gardens, Bangladesh Forest Department	9,14,47	8,70,37	11,15,54	10,56,27	10,67,95	
Forest Training Institutes, Bangladesh Forest Department	9,19,94	9,09,33	10,13,48	10,70,50	11,35,00	
Head Office, Department of Environment	95,47,41	85,39,16	150,14,52	394,34,25	489,52,82	
Divisional Offices, Department of Environment	10,94,27	9,70,61	11,13,01	13,74,02	14,98,58	
Regional Offices, Department of Environment	1,86,56	1,73,73	1,86,60	2,52,37	3,06,66	
Metropolitan Offices, Department of Environment	4,07,02	3,50,16	3,77,25	4,68,46	5,40,56	
District Offices, Department of Environment	21,14,78	20,94,50	26,56,47	30,87,95	35,58,75	
Labratories, Department of Environment	4,05,48	3,77,46	3,93,15	5,97,95	7,55,63	
Bangladesh Forest Research Institute	48,46,00	63,24,58	50,08,00	46,23,00	60,43,00	
Bangladesh National Herbarium	6,62,48	6,44,57	12,80,00	8,00,00	6,00,00	
Grand Total :	1501,26,00	1357,94,23	1639,55,00	1803,51,00	1983,86,00	

4.2.2 Expenditure by Economic Group Wise

Economic		Budget	Revised	Budget	Projection		
Group	Description	2022	-23	2023-24	2024-25	2025-26	
	Recurrent Expenditure						
3111	Wages and salaries in cash	356,63,45	334,46,39	363,69,17	392,08,48	406,19,90	
3211	Administrative expenses	65,76,90	71,71,72	82,76,16	79,73,87	74,43,51	
3221	Fees, charges and commissions	3,33,70	3,02,57	4,59,80	3,18,76	2,64,15	
3231	Training	17,74,18	12,31,94	35,03,88	14,90,68	6,06,18	
3243	Petrol, oil and lubricants	11,71,63	11,54,97	14,52,87	15,12,24	15,10,75	
3244	Travel and Transfer	12,65,83	7,62,81	15,26,94	13,94,28	13,41,04	
3251	Agriculture supplies	10,81,46	11,69,72	11,97,50	12,28,37	12,71,50	
3252	Medical and surgical supplies	24,12	21,12	71,39	65,89	32,04	
3253	Public order and safety supplies	10,36,15	12,76,30	38,13,70	6,14,66	3,75,25	
3254	Food supplies	1,20	1,20	0	60	(
3255	Printing and stationery	8,03,48	7,34,97	9,16,53	6,87,45	5,74,80	
3256	General supplies and materials	6,23,13	5,18,79	6,21,42	5,89,09	6,32,52	
3257	Professional services, honorariums and special expenses	91,03,11	105,62,76	132,32,78	59,53,85	46,23,46	
3258	Repairs and maintenance	42,28,56	37,54,73	50,85,11	46,34,54	39,56,14	
3631	Current grants	6,20,95	5,65,57	6,17,75	9,79,00	10,33,00	
3632	Capital grants	114,85,35	113,22,53	112,14,83	127,06,01	121,37,00	
3821	Current transfers not elsewhere classified	110,61,90	111,73,11	115,24,17	107,77,01	139,73,51	
3911	Reserve	134,99,60	45,20	44,06,90	473,78,74	794,69,94	
	Total : - Recurrent Expenditure	1003,54,70	852,16,40	1042,90,90	1375,13,52	1698,64,69	
	Capital Expenditure						
4111	Buildings and structures	164,73,36	137,57,64	257,82,28	177,56,98	114,83,76	
4112	Machinery and equipment	65,15,83	70,97,91	69,66,33	47,03,80	32,25,24	
4113	Other fixed assets	227,28,00	218,55,34	150,43,53	154,22,38	93,33,7	
4114	Weapons systems	0	0	58,00	0	(
4124	Goods for resale	0	0	70,00	0	(
4131	Valuables	1,20,00	0	0	0	(
4141	Land	1,10,35	2,39,00	5,36,00	0	(
4911	Reserve	0	0	16,40,81	49,04,32	44,28,60	
	Total : - Capital Expenditure	459,47,54	429,49,89	500,96,95	427,87,48	284,71,31	

Economic		Description	Budget	Revised	Budget	Projection		
Group		Description	202	2-23	2023-24	2024-25	2025-26	
	Assets							
7215	Loans		38,23,76	76,27,94	95,67,15	50,00	50,00	
		Total : - Assets	38,23,76	76,27,94	95,67,15	50,00	50,00	
		Grand Total :	1501,26,00	1357,94,23	1639,55,00	1803,51,00	1983,86,00	

5.0 Key Performance Indicators (KPIs)

Indicator	Related Strategic	Unit	Revised Target	Actual	Target	Revised Target	Med	lium Term Ta	rgets
	Objectives		202	1-22	202	2-23	2023-24	2024-25	2025-26
1	2	3	4	5	6	7	8	9	10
1. Expansion of Tree Coverage	2	%	22.37	22.37	22.37	22.37	22.37	24	24
2. Pollution Control									
a. Coverage of the Effluent Treatment Plant (ETP) at the industries	4.0	<i>a</i> /m2)*	83	83.98	84	85	85	86	87
 b. Presence of particulate matter (Pm10/Pm2.5) in City Air Pollution 	1.3	g/m3* -	-	<u>126.81</u> 68.62	<u>130</u> 78	<u>130</u> 78	<u>125</u> 75	<u>120</u> 73	<u>118</u> 71
3. Use of ozone Protecting Substance-HCFC (ODP)	1.3	ODP*Ton	47.22	47.20	30.50	47.20	47.20	35.10	23.61

* g/m3=Micro Gram per meter Cube

* ODP= Ozone depletion Potential

6.0 Recent Achievements, Activities, Output Indicators, Targets and Expenditure Estimates of the Departments/Agencies

6.1 Secretariat

6.1.1 Recent Achievements: To enhance the adaptability of the affected people due to climate change and to improve their living standard, Tk 500 crore has been allocated in the last three years under Bangladesh Climate Change Trust Fund (BCCTF). Trustee Board has approved 192 projects with an estimated cost of about 469.16725 Crore Taka, undertaken by 66% of the allocated fund and interest of the fund. Among them, 115 projects have been completed. With a view to the sustainable development of natural rubber, Bangladesh Rubber Board has taken Membership in the Association of Natural Rubber Producing Countries (ANRPC) and International Rubber Research and Development Board (IRRDB)

6.1.2 Activities, Output Indicators and Targets

	Activities	Output	Indicator Strategic Ui		Strategic Unit		Revised Target	Actual	Target	Revised Target	Mediu	ım Term T	argets
		mulcator	Objectives		202	1-22	202	2-23	2023-24	2024-25	2025-26		
	1	2	3	4	5	6	7	8	9	10	11		
1.	Undertake CDM activities and install renewable power plants with a view to implementing mitigation and carbon emission reduction	Project	1	Number	9	33	8	20	10	12	13		
2.	Develop stress and salt-tolerant rice and other crop varieties and supply safe drinking water for maintaining food and health security as well as social safety	Project	1	Number	9)	11	8)	8	10	12	13		
3.	Undertake programs for building environment-friendly infrastructures	Project	1	Number	12	4	10	10	11	12	12		
4.	Undertake activities under research and knowledge	Project	1	Number	14	7	13	13	14	15	16		
5.	Update of Bangladesh Climate Change Strategy and Action Plan (BCCSAP)	Document	1	Number	1 (Final)	-	-	1 (Draft)	1 (Final)	-	-		

	Related	Actual	Budget	Revised	Medium Te	rm Expenditure	e Estimates
Name of the Institutional Unit/Scheme/ Project	Activity	2021-22	2022	2-23	2023-24	2024-25	2025-26
1	2	3	4	5	6	7	8
Operating Activities							
General Activity							
1450101 - Secretariat, Ministry of Environment, Forest and Climate Change	1-3	11,40,04	25,02,00	16,53,04	23,41,00	35,83,00	39,33,0
Total : General Activity		11,40,04	25,02,00	16,53,04	23,41,00	35,83,00	39,33,0
Special Activity							
120000801 - Loans to Government Employees	1-3	0	28,80	28,80	30,00	50,00	50,0
127003101 - CITES	1-3	51	4,00	4,00	4,00	6,20	9,4
127005001 - Convention on the Conservation of Migratory species of wild Animals (C.M.S)	2	0	1,30	3,00	3,30	5,50	9,7
127006101 - General Trust Fund for the Stockholm Convention on the Persistent Organic Plooutants	1	0	80	80	1,10	2,20	5,3
127006401 - Global Tiger Forum	3	85	2,30	2,50	2,75	3,95	6,0
127007801 - International Union for Conservation of Nature (IUCN).	2	0	16,50	42,00	39,00	47,00	55,0
127009201 - International Network for Bamboo and Rattan (INBAR)	1	4,24	4,70	4,70	5,00	9,90	10,7
127013401 - RAMSAR Convention	2	95	4,85	4,85	5,20	8,30	10,5
127015301 - Trust Fund for the Basel on the Control of Transboundry Movements of Hazardous Wastes and Their Disposal of the United Nations Environment Programme (UNEP)	2	0	3,90	3,90	4,15	8,25	10,4
127016801 - UNCCD (United Nation Convention to Combat Desertification)	2	0	1,80	1,80	2,00	3,10	4,3
127018301 - United Nations Framework Convention on Climate Change	1	3,03	6,30	7,00	7,55	10,50	13,2
127019701 - Male Declaration on Control and Prevention of Air Pollution and its Likely Trans boundary Effects for South Asia	2	0	7,60	7,60	8,20	12,50	15,8
127021001 - Trust Fund for Convention of Biological Diversity	1-2	0	4,50	4,50	4,80	6,90	8,1
127021101 - South Asian Seas Programme (SASP)	1	11,73	25,00	30,00	30,00	39,00	42,5
127021801 - South Asia Co-oparative envairment program	1-3	56,88	39,80	39,80	35,00	40,65	45,8
127022401 - International Rubber Research and Development Board (IRRDB)	1-3	19,68	35,85	35,85	35,85	40,85	45,8
127023501 - South Asia Wildlife Enforcement Network (SAWEN)	1-3	0	2,00	2,00	2,10	5,20	7,3
Total : Special Activity		97,87	1,90,00	2,23,10	2,20,00	3,00,00	3,50,0
Support Activity							
131019000 - Bangladesh Rubber Board	1-3	85,33	7,24,00	5,23,77	7,24,00	9,50,00	10,00,0
132011200 - Risk Management Fund on Climate Change	1-3	67,34,00	100,00,00	100,00,00	100,00,00	120,00,00	120,00,0
Total : Support Activity		68,19,33	107,24,00	105,23,77	107,24,00	129,50,00	130,00,0
Total : Operating Activities		80,57,24	134,16,00	123,99,91	132,85,00	168,33,00	172,83,0
Development Activities							
Annual Development Program							
221000145 - Reserve for unapproved project Ministry of Environment and Forest	1-2	0	132,68,00	0	15,00,00	186,59,00	356,24,0
Total : Annual Development Program		0	132,68,00	0	15,00,00	186,59,00	356,24,0
Total : Development Activities		0	132,68,00	0	15,00,00	186,59,00	356,24,

6.1.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

6.2 Department of Environment

Total :

6.2.1 Recent Achievements Bangladesh has received a certificate of appreciation in recognition of its significant contribution to the protection of the ozone layer. The tannery industry of Hazaribagh has been shifted to Harindhara in Savar to protect river pollution on all sides of Dhaka. Hazardous waste (E-waste) management rules, 2021, Solid waste management rules, 2021 and Air pollution (control) rules, 2022 have

80,57,24

266,84,00

123,99,91

147,85,00

354,92,00

529,07,00

been formulated to control environmental pollution and protect the environment. During the last three fiscal years, legal measures have been taken by conducting enforcement activities against 4793 industrial establishments including collecting compensation of tk 49.8 crore from the polluters. Online application processes and 'Digital environment clearance' have been introduced to simplify and digitize the environmental clearance process.

	Activities	Output Indicator	Related Strategic	Unit	Revised Target	Actual	Target	Revised Target	Mediu	ım Term T	argets
		indicator	Objectives		2021-22		2022-23		2023-24	2024-25	2025-26
	1	2	3	4	5	6	7	8	9	10	11
1.	Implementation of Clean Development Mechanism program (CDM) in 6 districts to reduce carbon emissions from organic waste.	Pourashavas under CDM implementation	1	Number	6	6	8	6	6	7	8
2.	 Undertake awareness-raising activities to enhance the adaptation and mitigation capacity of the people to face the challenges of climate change and conduct research/studies in these areas 	Distributed books, leaflets, directives			1	1	2	2	2	2	1
		Research/ Study	1	Number	1	1	1	1	1	1	1
3.	Increase the use of improved technologies for brick kilns to reduce carbon emission	Brick kilns with improved technology	1.3	Number (in thousand	6.5	6.508	6.5	6.5	6.5	6.5	6.5
4.	Conduct mobile courts against the production and use of harmful polythene.	Mobile Court	3	Number	500	377	780	450	500	550	600
5.	Reduce the emission of the motor vehicle, reduce/control noise pollution, reduce air pollution, and prevent industrial	Enforcement to reduce pollution from Motor vehicles		Number of vehicles (enforcement)	400	138	450	150	150	150	150
	pollution by ensuring the use of modern technology and taking enforcement activities in necessary case	Enforcement to reduce sound pollution	3	Enforcement Number of place	100	96	150	150	200	225	250
		Enforcement to reduce pollution from industries		Number of Enforcement	1570	2157	1745	2000	2100	2200	2300
		Enforcement/M obile Court against polluting Brick Kilns		Number	200	278	210	250	275	300	300
6.	Increase people's awareness of the conservation of biodiversity	Aware/Trained people	4	Person (in thousands)	4200	4200	4300	4300	4350	4400	4450

6.2.2 Activities, Output Indicators and Targets

6.2.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

	Sumate	s by mount		, ocnemes	and roje	013	
						(Taka	a in Thousands)
	Related	Actual	Budget	Revised	Medium Te	e Estimates	
Name of the Institutional Unit/Scheme/ Project	Activity	2021-22	2023	2-23	2023-24	2024-25	2025-26
1	2	3	4	5	6	7	8
Operating Activities							
General Activity							
1450301 - Head Office, Department of Environment	1-6	15,85,29	27,17,41	24,37,16	27,34,52	32,84,25	38,87,82
1450302 - Divisional Offices, Department of Environment	1-6	6,19,43	10,94,27	9,70,61	11,13,01	13,74,02	14,98,58
1450303 - Regional Offices, Department of Environment	1-6	1,37,88	1,86,56	1,73,73	1,86,60	2,52,37	3,06,66
1450304 - Metropolitan Offices, Department of Environment	1-6	2,51,02	4,07,02	3,50,16	3,77,25	4,68,46	5,40,56

Name of the Institutional Unit/Scheme/ Project	Related	Actual	Budget	Revised	Medium Te	rm Expenditur	e Estimates
Name of the institutional Unit/Scheme/ Project	Activity	2021-22	202	2-23	2023-24	2024-25	2025-26
1	2	3	4	5	6	7	8
1450305 - District Offices, Department of Environment	1-6	12,89,89	21,14,78	20,94,50	26,56,47	30,87,95	35,58,75
1450306 - Labratories, Department of Environment	2	2,42,31	4,05,48	3,77,46	3,93,15	5,97,95	7,55,63
Total : General Activity		41,25,82	69,25,52	64,03,62	74,61,00	90,65,00	105,48,00
Total : Operating Activities		41,25,82	69,25,52	64,03,62	74,61,00	90,65,00	105,48,00
Development Activities							
Annual Development Program							
222009600 - *Assessment of coastal and marine biodiversity resources and ecosystems to implement the Blue Economy Action plan (01/01/2020 - 31/12/2021) Approved.	2,6	39,08	50,00	0	0	0	0
223035300 - * Environmentally sound development of the power sector with the final disposal of Poly Chlorinated Bi-phenyls (PCBs) (01/01/2018- 31/12/2022) Approved	2	0	6,47,00	6,47,00	7,00,00	0	0
223040600 - *Strengthening Capacity for Monitoring Environmental Emissions under the Paris Agreement in Bangladesh (01/01/2020-31/01/2023) Approved	4,6	0	2,74,00	2,17,00	1,44,00	0	0
223040700 - *Feasibility Study & Preparation of DPP for Bangladesh Environmental Sustainability and Transformation (BEST) Project (1st Revised) (01/07/2020-31/12/2022) Approved	1,7,8	0	4,92,00	4,40,00	0	0	0
223040900 - *Renewal of Institutional Strengthening for the Phase-out of ODS (Phase-IX) (01/07/2020- 30/06/2022) Approved	4	0	26,00	26,00	0	0	0
223041000 - &Bangladesh: First Biennial Update Report to the UNFCCC (01/07/2020-30/06/2022) Approved	2	0	1,81,00	1,95,00	0	0	0
223044200 - HCFC Phaseout Management Plan (HPMP Stage II) (01/01/2021-30/06/2025) Approved	5	0	15,00,00	14,00,00	12,00,00	8,32,26	0
223044300 - Pesticide Risk Reduction in Bangladesh (01/03/2021-31/12/2023) Approved	5	0	9,60,00	5,64,00	32,38,00	285,38,74	419,74,00
223046800 - HCFC Phase-out Management Plan (Stage-II) - UNEP Component (01/07/2021- 30/06/2026) Approved	5	0	0	80,00	1,60,00	1,50,00	65,00
223047700 - Integrated approach towards sustainable plastics use and Marine litter prevention in Bangladesh (01/11/2022-31/10/2025) Approved	2	0	0	0	14,00,00	10,00,00	10,26,00
223047800 - Adaptation Initiative for Climate Vulnerable Offshore Small Island and Riverine Charland in Bangladesh (01/01/2023-31/12/2027) Approved	2	0	0	0	22,00,00	22,00,00	20,00,00
224285400 - * Development of Institutional Infrastructure Setting up Laboratories and Enhancement Capacity of the Department of Environment (Phase-01) (01/07/2018-30/06/2023) Approved	2	1,75,31	8,00,00	4,51,00	5,00,00	13,67,00	C
224310900 - Integrated and participatory in noise pollution control Project (1st Revised) (01/01/2020 - 31/12/2023) Approved	5	1,07,72	9,00,00	12,82,00	12,38,00	5,62,00	C
224311000 - * Ecosystem-based Approaches to Adaptation (EbA) in the Drought-Prone Barind Tract and Haor "Wetland" Area (01/07/2019-30/06/2022) Approved	2,6	0	10,00,00	8,00,00	15,00,00	15,00,00	C
Total : Annual Development Program		3,22,11	68,30,00	61,02,00	122,80,00	361,50,00	450,65,00
Total : Development Activities		3,22,11	68,30,00	61,02,00	122,80,00	361,50,00	450,65,00
Total :		44,47,93	137,55,52	125,05,62	197,41,00	452,15,00	556,13,00

6.3 Department of Forest

6.3.1 Recent Achievements: During the last three years, the Forest Department have created 48,155 hectares of block plantation, 33,360 hectares of mangrove plantation and 5,539 km of strip plantation in order to increase the forest cover and prevent deforestation in order to address economic development and mitigation of climate change risk in the country. To inspire afforestation, 1, 00,00,000 saplings have been distributed across the country on the occasion of the birth centenary of Father of the Nation Bangabandhu Sheikh Mujibur Rahman. Intending to identify the conditions of carbon emissions and carbon conservation in the forest sector, the Forest Department has prepared Forest Reference Emission Level (FREL) and

REDD + Strategy has been approved by the Ministry to take action accordingly. To ensure the participation of the rural poor people in government resources and to build self-reliance through social forestry programs, Forest Department has distributed an amount of TK. 55, 07, 32000 among 42,748 beneficiaries from the sale of the harvested trees. Besides, 6 areas have been declared as protected areas for wildlife and biodiversity conservation.

	Activities	Output Indicator	Related Strategic	Unit	Revised Target	Actual	Target	Revised Target	Mediu	um Term T	argets
		indicator	Objectives		202	1-22	202	2-23	2023-24	2024-25	2025-26
	1	2	3	4	5	6	7	8	9	10	11
1.	Stabilize new chars raised at sea and river estuaries through coastal afforestation activities and create green belts to combat marine cyclones.	Created mangrove gardens	1	Hectare (in thousands)	10.27	12.29	6.7	4.6	3.25	3.0	2.5
2.	Create and manage participatory block gardens and strip gardens and restoration of the forest through Assisted Natural	Created Block gardens	2	Hectare (in thousands)	7.5	17.78	7.9	8.9	1.8	1.5	1.2
	Regeneration / Enrichment plantation in degraded forest	Created strip gardens		Km (in thousands)	1.0	2.09	1.1	0.8	0.7	0.45	0.4
3.	Sale and distribution of seedlings to people for afforestation in private lands	Sold and distributed seedlings	2	Number (in lakh)	23	27.12	24	14	16	18	20
4.	Distribution of dividends to the beneficiaries of social forestry.	Amount of the dividends distributed	2	Crore Tk	24	44.991	25	35	37	38	40
5.	Strengthening afforestation and forest management by reclaiming government- encroached forest land to reduce deforestation, prevent degradation, conserve biodiversity and increase carbon dioxide removal from the atmosphere.	Recovery of encroached forests	2	Hector	900	2031.64	650	850	900	950	1000
6.	Expansion of protected areas to conserve biodiversity	Extended protected area	4	Hector	-	-	-	2200	1000	1000	700
7.	Raising and planting seedlings for the expansion of endangered plant species.	Listed species for preservation	4	Number	4000	5510	4500	4000	4500	5000	5500
8.	Building awareness among local people for wildlife conservation.	Training	4	Number	250	-	-	-	300	350	400
9.	Conducting a survey to know the status of forest and tree coverage	Survey Report	2	Number	-	-	01	01	01	01	-

6.3.2 Activities, Output Indicators and Targets

6.3.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

		•		,			a in Thousands)	
	Related	Actual	Budget	Revised	Medium Te	erm Expenditure Estimates		
Name of the Institutional Unit/Scheme/ Project	Activity	2021-22	2022	2-23	2023-24	2024-25	2025-26	
1	2	3	4	4 5		7	8	
Operating Activities								
General Activity								
1450201 - Chief Conservator of Forest, Bangladesh Forest Department	1-7	14,36,11	17,65,50	15,96,34	25,60,79	19,62,12	21,17,87	
1450202 - Conservators of Forest, Bangladesh Forest Department	1-7	12,24,44	14,73,75	15,94,20	14,59,55	18,52,28	18,88,43	
1450203 - Divisional Forest Offices, Bangladesh Forest Department	1-7	365,37,34	467,56,34	446,87,31	480,39,64	501,06,83	558,75,75	
1450204 - Botanical Gardens, Bangladesh Forest Department	3,7	8,39,58	9,14,47	8,70,37	11,15,54	10,56,27	10,67,95	

Name of the Institutional Unit/Calance/ Protect	Related	Actual	Budget	Revised	Medium Te	rm Expenditur	e Estimates
Name of the Institutional Unit/Scheme/ Project	Activity	2021-22	202	2-23	2023-24	2024-25	2025-26
1	2	3	4	5	6	7	8
1450205 - Forest Training Institutes, Bangladesh Forest Department	8	7,34,62	9,19,94	9,09,33	10,13,48	10,70,50	11,35,00
Total : General Activity		407,72,09	518,30,00	496,57,55	541,89,00	560,48,00	620,85,00
Total : Operating Activities		407,72,09	518,30,00	496,57,55	541,89,00	560,48,00	620,85,00
Development Activities							
Annual Development Program							
222012500 - Feasibility study for infrastructural development and renovation works of existing structure of Forest Department (01/07/2021- 31/12/2022) Approved	1-9	0	1,24,00	1,24,00	0	0	0
222016300 - Feasibility study for Forest Ecosystem Conservation and Ecotourism Development of Greater Dinajpur and Rangpur region. (01/01/2023- 30/06/2024) Approved	1-9	0	0	0	3,21,00	0	0
223043700 - * Support to the Management of the Sundarbans Reserved Forest (SMP-II) (1st Revised) (01/05/2019-30/06/2023) Approved	1	0	8,50,00	4,25,00	4,88,00	0	0
224073300 - *Widening of Approach Road and Development of Other Essential Infrastructure of Bangabandhu Sheikh Mujib Safari Park,Gazipur (1st Revised) (01/01/2017 - 31/12/2022) Approved	2,7	47,73,43	28,00,00	27,99,00	0	0	0
224124800 - *Afforestation in Coastal Region including the Newly Accreted Chars of Bay of Bengle (1st Revised) (01/01/2018-31/12/2022) Approved	1,2	24,01,50	10,13,00	10,13,00	0	0	0
224125700 - *Wildlife Conservation and Habitat Development in Bangladesh (1st Revised) (01/10/2017-20/06/2022) Approved	7,8	4,36,27	6,01,00	1,96,00	0	0	0
224125800 - Sheikh Rasel Aviary and Eco-Park, Rangunia, Chattogram (2nd Phase) (1st Revised) (01/07/2017 - 30/06/2021) Approved (০১/০৭/২০১৭ - ০০/০৬/২০২৪)	6	2,01,80	9,00,00	8,16,00	20,00,00	38,00,00	30,53,00
224269700 - * Sustainable Forest and Livelihoods (SUFAL) Project (01/07/2018-30/06/2023) Approved Approved	2,6	171,07,87	350,00,00	377,00,00	511,78,00	240,59,00	140,85,00
224297800 - * Development and Expansion of the Bangabandhu Sheikh Mujib Safari Park, Cox's Bazar (2nd Phase) (1st Revised) (01/07/2019-30/06/2023) Approved	2,7	28,56,38	19,00,00	18,87,00	30,00,00	27,88,00	0
224298900 - Biodiversity Conservation and Eco- system Development of Mahamaya Eco-park Project. (01/01/2020-31/12/2024) Approved	2,6	1,75,81	4,12,00	4,12,00	8,60,00	49,00	0
224300200 - Establishment of Greenbelt, Eco- restoration and Eco-tourism Development in Cox's Bazar District. (01/07/2019-30/06/2025) Approved	1,6	5,02,76	15,00,00	14,25,00	10,00,00	3,55,00	0
224301500 - Reforestation and Infrastructure Development in Sylhet Forest Division to Mitigate Adverse Effect of Climate Change. (1st Revised) (01/07/2019-30/06/2025) Approved	5,6	7,77,77	19,24,00	19,00,00	20,00,00	8,18,00	0
224311200 - * Modernization project of existing Charmuguria Eco-Park of Madaripur District(01/01/2020 - 31/12/2022) Approved	2,6	2,65,77	5,00,00	5,00,00	13,00,00	11,76,00	0
224317500 - Extension and Development of Ecotourism Facilities in Sundarbans (1st Revised) (01/01/2020-31/12/2023) Approved	4	1,94,08	9,90,00	10,23,00	4,39,00	0	0
224326700 - Char Development and Settlement Project - Bridging (CDSP-B) (Forest Department Part)(CDSP-Additional Financing) (1st Revised) (01/07/2020 - 30/06/2023) Approved	4-6	2,67	2,78,00	2,78,00	0	0	0
224333800 - Environment Protection Through Social Forestry in the Rajshahi Barind Tract Region (01/11/2020-30/06/2025) Approved	2	0	14,09,00	14,09,00	9,81,00	1,54,00	0
224336800 - Protection of Sundarban Reserve Forests (01/01/2021-31/12/2024) Approved	1	0	21,47,00	20,83,00	33,59,00	45,00,00	40,00,00
224354500 - Sundarban Tiger Conservation Project (01/04/2022-31/03/2025) Approved	7	0	0	2,72,00	20,26,00	4,74,00	0
Total : Annual Development Program		296,96,11	523,48,00	542,62,00	689,52,00	381,73,00	211,38,00
Total : Development Activities		296,96,11	523,48,00	542,62,00	689,52,00	381,73,00	211,38,00
Total :		704,68,20	1041,78,00	1039,19,55	1231,41,00	942,21,00	832,23,00

6.4 Bangladesh Forest Research Institute

6.4.1 Recent Achievements: Bangladesh Forest Research Institute has developed 12 technologies through the implementation of research programs in the last three years. Germplasm collection and conservation of 24 medicinal plants, 5 host plants viz., Aarhar, Jhau, Nishinda, Kalokadai and Bakul have been identified as suitable for development of nursery and orchard cultivation techniques of white sandalwood. The technique of raising seedlings of the forest tree Nalita or Jigni (Trema orientalis) has been developed. 3 new lines of high-yielding bamboos have been developed and expanded in the field. 7 fungi and 2 insects associated with neem blight have been identified. A book titled "Research Achievement of Bangladesh Forest Research Institute" which contains a summary of total of 1137 research articles and 66 technologies of Bangladesh Forest Research Institute, published in the country and abroad, was unveiled by the Honorable Prime Minister which will play an important role in the field of research

6.4.2 Activities, Output Indicators and Tar

	Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Mediu	ım Term T	argets
		indicator			202	1-22	202	2-23	2023-24	2024-25	2025-26
	1	2	3	4	5	6	7	8	9	10	11
1.	Create research gardens of different species of forest trees.	Created research/laborat ory Garden	2	Hectare	19.50	24.38	19.80	21.96	22.00	22.05	22.10
2.	Production of improved quality bamboo and medicinal plants by tissue culture.	Produced saplings	2	Lakh	.0.90	1.62	0.92	1.83	1.84	1.86	1.88
3.	Organize training/workshops/ seminars to transfer invented technologies and to inform about services, as well as conduct field	Conducted training- workshops- seminars	2	Number	35	41	36	42	43	45	46
	research.	Transferred Technology	2	Number	10	17	12	18	18	19	20
		Conducted Field study			63	63	68	71	72	72	72

6.4.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

	1	1				,	
Name of the Institutional Unit/Scheme/ Project		Actual	Budget	Revised	Medium Te	rm Expenditur	e Estimates
Name of the institutional only Scheme/ Project	Activity	2021-22	2022-23		2023-24	2024-25	2025-26
1	2	3	4	5	6	7	8
Operating Activities							
General Activity							
1450401 - Bangladesh Forest Research Institute	1-3	28,62,61	37,23,00	32,49,58	35,08,00	42,60,00	48,60,00
Total : General Activity		28,62,61	37,23,00	32,49,58	35,08,00	42,60,00	48,60,00
Total : Operating Activities		28,62,61	37,23,00	32,49,58	35,08,00	42,60,00	48,60,00
Development Activities							
Annual Development Program							
224350400 - Development of an Improved Agarwood Inoculation Technique (01/07/2021- 30/06/2026) Approved	1-3	0	11,23,00	30,75,00	15,00,00	3,63,00	11,83,00
Total : Annual Development Program		0	11,23,00	30,75,00	15,00,00	3,63,00	11,83,00
Total : Development Activities		0	11,23,00	30,75,00	15,00,00	3,63,00	11,83,00
Total :		28,62,61	48,46,00	63,24,58	50,08,00	46,23,00	60,43,00

(Taka in Thousands)

6.5 Bangladesh National Herbarium

6.5.1 Recent Achievements: Bangladesh National Herbarium (BNH) has collected 4478 plant specimens with up-to-date information and photographs by conducting plant survey activities in different forest areas and areas of the country in the past three fiscal years to strengthen scientific research activities and enrich the collection. Through plant taxonomic research, the scientific officers of the institute have identified a total of 3861 plant samples collected under their regular plant survey program and including samples of students and researchers of different institutions and published new records by discovering 05 plant species that are new to Bangladesh. A computer database has been prepared to contain information on 4585 preserved

plant specimens. In recent years the institution has published 09 issues of the 'Flora of Bangladesh series and 2 issues of 'The Bulletin of Bangladesh National Herbarium'. In order to achieve the target of SDG (15.5.1 index), with the technical assistance of IUCN, under Sufal project national red list has been prepared by assessing the status of 370 plant species and 17 Invasive Alien Species (IAS) has been identified in five selected protected forest areas and their management strategy paper has been developed.

56.5.2 Activ	ities, Output	Indicators	and Targets	\$
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	Activities	Output Indicator	Related Strategic	gic Unit	Revised Target	Actual	Target	Revised Target	Mediu	ım Term T	argets
		maloutor	Objectives		202 ⁻	2021-22		2-23	2023-24	2024-25	2025-26
	1	2	3	4	5	6	7	8	9	10	11
botar	ement programs on the nical survey, plant tification and preservation of	Collected and preserved plant specimen			1500	1806	10000	10000	40,000	20,000	1600
plant	plant specimens, research on plant taxonomy and floristic publication	Identified plant specimens		Number	1200	1398	1200	5000	25000	30000	1300
publi		Floristic Publications	4		3	4	3	3	5	6	3
		Preparing a database of herbarium specimens			1500	2460	1500	6000	8000	9000	10000

6.5.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and	Projects
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6.5.5 Medium Term Expenditure E	Sumate	s by mont		, ochemes	and Projec		
						(Taka	a in Thousands
Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2021-22	Budget	Revised	Medium Te	rm Expenditure Estimates	
			2022-23		2023-24	2024-25	2025-26
1	2	3	4	5	6	7	8
Operating Activities							
General Activity							
1450501 - Bangladesh National Herbarium	1	2,88,06	3,62,48	3,52,57	3,80,00	5,00,00	6,00,00
Total : General Activity		2,88,06	3,62,48	3,52,57	3,80,00	5,00,00	6,00,00
Total : Operating Activities		2,88,06	3,62,48	3,52,57	3,80,00	5,00,00	6,00,00
Development Activities							
Annual Development Program							
224348200 - Survey of Vascular Flora of Barishal and Sylhet Division (SVFBS) (01/07/2021- 30/06/2024) Approved	1	0	3,00,00	2,92,00	9,00,00	3,00,00	C
Total : Annual Development Program		0	3,00,00	2,92,00	9,00,00	3,00,00	0
Total : Development Activities		0	3,00,00	2,92,00	9,00,00	3,00,00	0
Total :		2,88,06	6,62,48	6,44,57	12,80,00	8,00,00	6,00,00