

# MEDIUM-TERM EXPENDITURE FRAMEWORK (MTEF) FOR 2025-2028



**MINISTRY OF  
ENVIRONMENT,  
SCIENCE AND  
TECHNOLOGY**



**PROGRAMME BASED  
BUDGET ESTIMATES  
FOR 2025**

**THEME:** Resetting The Economy For The Ghana We Want

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# MINISTRY OF ENVIRONMENT, SCIENCE AND TECHNOLOGY

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The MEST MTEF PBB Estimates for 2025 is also available on the internet at: [www.mofep.gov.gh](http://www.mofep.gov.gh)

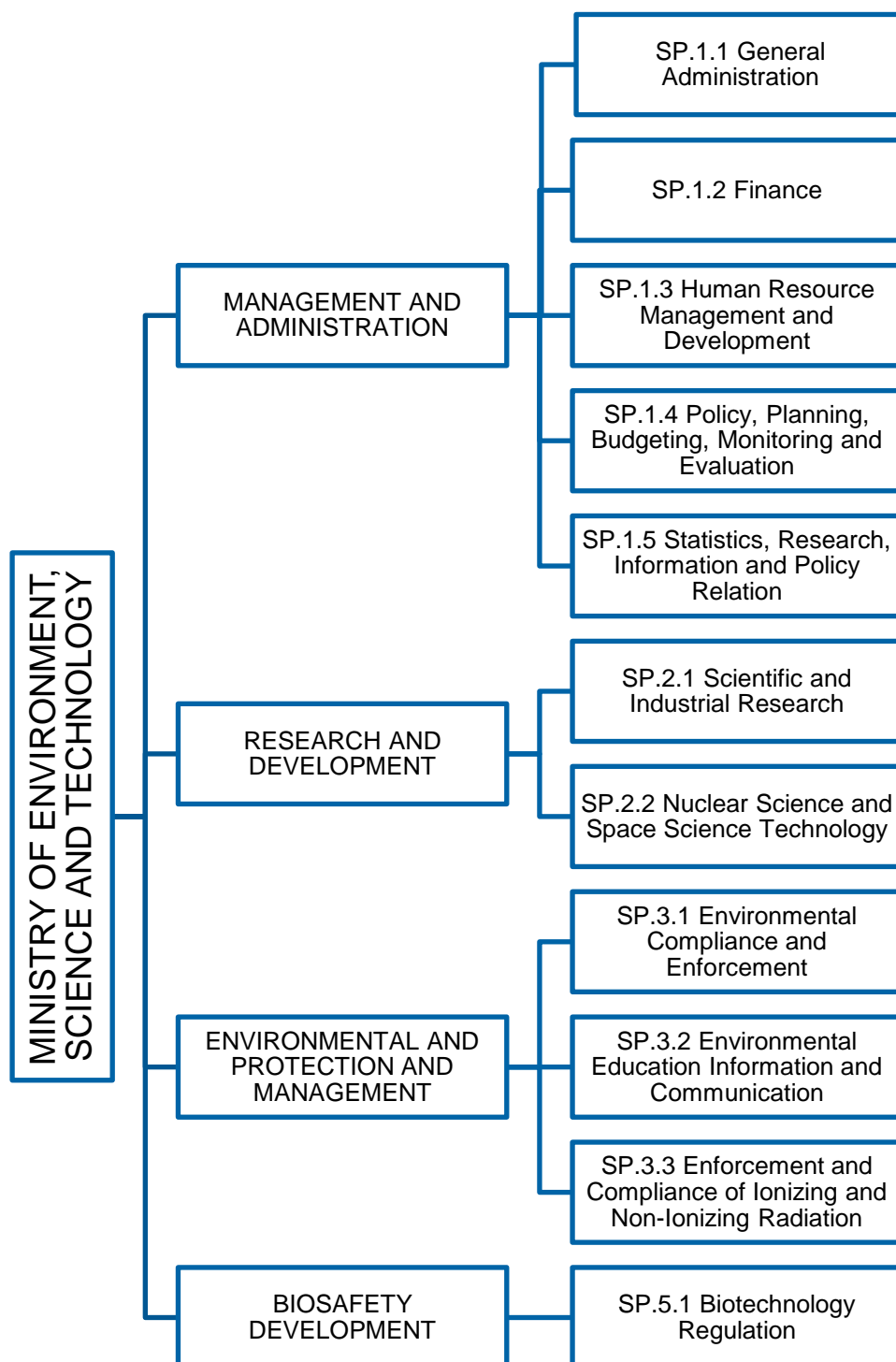
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## PROGRAMME STRUCTURE – MINISTRY OF ENVIRONMENT, SCIENCE AND TECHNOLOGY





# 1.5. Appropriation Bill

Summary of Expenditure by Sub-Programme, Economic Item and Funding

Entity: 017 - Ministry of Environment Science and Technology  
Year: 2025 | Currency: Ghana Cedi (GHS)  
Full Year Budget

	GoG				IGF				Funds / Others			Donors			Grand Total
	Compensation of employees	Goods and Services	31 - Non financial assets	Total	Compensation of employees	Goods and Services	31 - Non financial assets	Total	Statutory	ABFA	Others	Goods and Services	31 - Non financial assets	Total	
01701 - Management and Administration	139,864,517	2,425,638	110,000,000	252,290,155	29,348,678	4,031,385	1,589,991	34,970,054				25,102,000	24,450,000	49,552,000	336,812,209
01701001 - General Administration	139,864,517	2,243,643		142,108,160	29,348,678	4,031,385	1,589,991	34,970,054				25,102,000	24,450,000	49,552,000	226,630,214
01701002 - Finance		44,389		44,389											44,389
01701003 - Human Resource		44,389		44,389											44,389
01701004 - Policy, Planning, Budgeting, Monitoring and Evaluation		57,706	110,000,000	110,057,706											110,057,706
01701005 - Statistics; Research; Information and Public Relations		35,511		35,511											35,511
01702 - Research And Development	303,472,605	9,997,527		313,470,132		64,795,084	20,431,915	85,226,999							398,697,131
01702001 - Scientific And Industrial Research	274,055,678	2,251,881		276,307,559		42,978,742	10,744,686	53,723,427							330,030,987
01702002 - Nuclear Science And Space Science Technology	29,416,927	7,745,646		37,162,573		21,816,342	9,687,230	31,503,572							68,666,145
01703 - Environmental Protection and Management	8,890,345	255,616		9,145,961	109,702,108	80,420,038	49,180,412	239,302,558							248,448,519
01703001 - Environmental Compliance And Enforcement		76,460		76,460	109,702,108	74,170,421	46,350,262	230,222,792							230,299,252
01703003 - Enforcement and Compliance of ionizing and non-ionizing radiation	8,890,345	179,156		9,069,501		6,249,617	2,830,149	9,079,766							18,149,267
01705 - Biosafety Development	217,753	143,964		361,717		744,664	186,166	930,829							1,292,546
01705001 - Biotechnology Regulation	217,753	143,964		361,717		744,664	186,166	930,829							1,292,546
Grand Total	452,445,220	12,822,745	110,000,000	575,267,965	139,050,786	149,991,171	71,388,484	360,430,441				25,102,000	24,450,000	49,552,000	985,250,406

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## **PART A: STRATEGIC OVERVIEW OF THE MINISTRY OF ENVIRONMENT, SCIENCE AND TECHNOLOGY (MEST)**

### **1. POLICY OBJECTIVES**

The Ministry of Environment, Science and Technology has adopted fourteen (14) Policy Objectives out of the numerous contained in the Medium-Term National Development Policy Framework (MTNDPF) for the period 2022-2025,

These are as follows:

- Enhance environmental protection services
- Improve forest and protected areas
- Enhance institutional capacity and coordination for effective climate action
- Enhance climate change resilience
- Reduce greenhouse gases
- Reduce Environmental Pollution
- Reduce coastal and marine erosion
- Minimize potential environmental impact of the oil and gas industry
- Promote sustainable extraction of mineral resources
- Combat deforestation, desertification, and soil erosion
- Mainstream science, technology, and innovation in all socio-economic activities
- Ensure availability of clean, affordable and accessible energy
- Improve research and development (R&D), innovation, and sustainable financing for industrial development
- Enhance the application of science, technology and innovation

### **2. GOAL**

The Ministry of Environment, Science and Technology (MEST) seeks to ensure accelerated socio-economic development of the nation through the formulation of sound policies and a regulatory framework to promote the use of appropriate environmentally friendly, scientific and technological practices.

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### 3. CORE FUNCTIONS

The core functions of the Environment, Science and Technology Sector are:

- Provide leadership and guidance for Environment, Science, Technology, and Innovation within the broad sector of the economy through sound policy formulation and implementation;
- Ensure the establishment of the regulatory framework and setting of standards to govern the activities of science and technology and the management of the environment for sustainable development;
- Promote activities needed to underpin the standards and policies required for planning and implementation of sound scientific and technological development activities;
- Ensure the coordination, supervision, monitoring and evaluation of activities of Environment, Science, Technology, and Innovation while fulfilling national benefits-sharing commitments;
- Set out the parameters required for programmes on environment, science, technology, and human settlement in consultation with the National Development Planning Commission (NDPC) in guiding the Districts Assemblies as the planning authorities at the local level;
- Analyse and coordinate all planned programmes as well as budgets in the environment, science, technology, and innovation sector of the economy for purposes of achieving a single integrated management system;
- Initiate, simulate, and coordinate research including the continuous development and review of policies, laws, rules and regulations in the environment, science, technology and innovation sector of the economy; and
- Ensure effective environmental management and governance, in line with the functions of the Act 490, with the EPA as the main implementing agency and the MEST playing an oversight, coordination and facilitating role.



#### 4. POLICY OUTCOME INDICATORS AND TARGETS

Output Indicator Description	Unit of Measurement	Baseline		Latest Status		Target	
		Year	Value	Year	Value	Year	Value
Reduction in climate change vulnerability: Number of sectors with climate change mitigation and adaptable strategy priorities integrated	Number of sectors with climate change mitigation and adaptation strategy priorities integrated	2023	13	2024	14	2025	17
Amount of Green House Gases in the atmosphere	Metric Tonnes	2023	53.4MT	2024	58.5MT	2025	65.4MT
Proportion of companies compliant with EA and EMP permit conditions (to be considered an appropriate programme)	Number of companies issued with EA and EMP permit	2023	14,497	2024	15,459	2025	15,994
Research adaptation by industries (SDG Target 9.b)	Number of research findings adopted by industry	2023	200	2024	250	2025	400
	Number of businesses /industries assisted to adopt R&D in production	2023	38	2024	50	2025	100
	Rate of adoption of improved locally-packaged technologies my MSMEs (%)	2023	70%	2024	95%	2025	95%

## 5. EXPENDITURE TREND FOR THE MEDIUM-TERM

For the fiscal year **2024**, the Ministry received an approved budget allocation of **GH¢1,173,985,818.34** from the Government of Ghana (GoG). An amount of **GH¢403,586,615.34** was allocated for Compensation, **GH¢21,789,114** for Goods and Services, **GH¢152,339,971** for Capital Expenditure (CAPEX), **GH¢337,634,225** as allocations for IGF and Donor (DP) allocation of **GH¢258,635,893**.

As of December 2024, total releases for the Environment, Science, Technology and Innovation Sector amounted to **GH¢1,153,632,842.34** out of which an amount of **GH¢1,020,425,477.32** was expended.

The releases for GoG Compensation of Employee was **GH¢399,083,606.00**, the same amount was utilized. For Goods and Services, the release was **GH¢20,497,143.96** and the expenditure was **GH¢11,869,989.05**. CAPEX on the other hand, had a release of **GH¢97,229,246.08**, out of which an amount of **GH¢25,780,363.39** was spent.

Additionally, releases for IGF Goods and Services was **GH¢172,554,660.98**, with an amount of **GH¢170,232,589.96** spent. The release for IGF-CAPEX was **GH¢85,032,184.69** while the expenditure was **GH¢28,785,453.51**. Releases for both DPs - Goods & Services and DPs-CAPEX was **GH¢265,721,428.74** and **GH¢7,852,309.89** respectively, the expenditure on the other hand stood at **GH¢270,860,901.66** and **GH¢8,232,422.85** respectively.



## 6. 2024 BUDGET EXPENDITURE PERFORMANCE -JANUARY TO DECEMBER

ECONOMIC CLASSIFICATION	APPROVED BUDGET (A)	AMOUNT RELEASED AS AT SEP. 2022 (B)	PAYMENTS	VARIANCE	PERCENTAGE UTILISATION
			(C)	(A-B)	
GOG					
Compensation	403,586,615.34	399,083,606.00	399,083,606.00	4,503,009.34	99%
Goods & Services	21,789,114.00	20,497,143.96	11,869,989.05	1,291,970.04	54%
CAPEX	152,339,971.00	95,229,246.08	25,780,363.39	57,110,724.92	12%
Sub-total GOG	577,715,700.34	514,809,996.04	436,733,958.44	62,905,704.30	74%
RETAINED IGF					
Compensation	107,662,262.00	107,662,262.00	105,580,150.90	0.00	98%
Goods & Services	169,511,002.00	172,554,660.98	170,232,589.96	-3,043,658.98	100%
CAPEX	60,460,961.00	85,032,184.69	28,785,453.51	-24,571,223.69	48%
Sub-total IGF	337,634,225.00	365,249,107.67	304,598,194.37	-27,614,882.67	90%
DEVELOPMENT PARTNERS					
Goods & Services	258,635,893.00	265,721,428.74	270,860,901.66	-7,085,535.74	105%
CAPEX	0	7852309.89	8,232,422.85	-7852309.89	0
Sub-total DP	258,635,893.00	273,573,738.63	279,093,324.51	-14,937,845.63	108%
GOG Total	1,173,985,818.34	1,146,104,820.20	1,012,897,455.18	27,880,998.14	86%
Grand-Total	1,173,985,818.34	1,153,632,842.34	1,020,425,477.32	20,352,976.00	87%

### Compensation of Employees

The Ministry was allocated **GH¢511,248,877.34** for Compensation of Employees, out of which a total sum of **GH¢506,745,868.00**, representing **99%**, has been released and expended **GH¢504,663,756.90** as of the end of December 2024.

### Goods and Services

The total approved Goods & Services budget was **GH¢449,936,009.00**. The component of the total approved budget for MESTI Headquarters and its Agencies was **GH¢191,300,116.00**, out of which **GH¢193,051,804.94**, representing **100%**, has been utilized.



## CAPEX

The total approved allocation for CAPEX was **GH¢212,800,932.00**, out of which **GH¢180,517,718.52**, representing **25%**, has been released and **GH¢55,270,217.61** has been utilized.

## 7. SUMMARY OF KEY ACHIEVEMENTS IN 2024

### Management and Administration Programme

The Ministry, as part of its efforts to in its effort to promote sound recycling and disposal of waste of electrical and electronic equipment, broadened the pilot incentive payment system for e-waste collection beyond the Old Fadama (Agbogbloshie) area to include additional communities in the Eastern, Ashanti, and Northern Regions. This initiative aims to mitigate the indiscriminate disposal and open burning practices associated with e-waste management and its negative impact on human health and environmental sustainability.

MEST so far over electronic waste has been retrieved from June 2020-December 2024. These consisted of 530.60 tons of cables, 115.20 tons of mixed batteries, 63.20 tons of thermoplastics and 240 sets of CRTs. 100 tons of the collected e-waste cables have been tendered to qualified formal recyclers for environmentally sound recycling and disposal, thereby reducing soil and air pollution and safeguarding public health. The remaining 609 tons of e-waste cables will subsequently be tendered to formal recyclers for environmentally sound recycling and disposal.

Additionally, Construction of Handover Centre for collection of electrical and electronic waste completed and commissioned in July and October 2024 respectively. The facility is now in operation. Over 250 tons of e-waste materials have been received by the Operator and are in storage.

The implementation of the incentive payment system for the collection and recycling of electrical and electronic waste enhanced to encourage the collection and establishment of other centers for E-Waste.



*E-waste Handover Centre (HoC), GAEC, Haatso-Atomic*





*E-waste Collected*

Under the Establishing a Circular Economy Framework for the Plastics Sector (CEF-PS) in Ghana Project, eleven (11) Small and Medium Scale Enterprises (SMEs) operating within the plastics value chain have been selected to receive technical and financial support to undertake selected activities. These pilots focused on producing biodegradable plastics, food-grade recycling, and construction material-grade recycling. Eight (8) out of the eleven (11) SMEs have signed agreements with MEST to commence implementation. This initiative strengthens Ghana's transition to a sustainable and circular plastics economy.

The implementation of the Establishing Circular Economy Framework for the Plastic Sector Project will continue to ensure that the necessary legal frameworks are established for the management of plastics.



A visit to some of the SMEs operating under the CEF-PS.

The Ministry prepared and submitted Ghana's national target to the Convention of Biological Diversity in August 2024, which is aligned to Kunming-Montreal Global Biodiversity Framework (KM-GBF) which will guide biodiversity conservation, restoration, mainstreaming, and financing from 2024 to 2030. The draft National Biodiversity Strategy and Action Plan (NBSAP) has been developed.

To ensure that technologies are transferred to Industry for commercialisation, the Ministry under the Ghana Jobs and Skills Project organised an Industry-University-Research matchmaking to identify and transfer technologies to SMEs and startups for jobs.





Consequently, climate change remains a critical concern for Ghana. To achieve our climate mitigation targets, Ghana allocated 24million metric tonnes of carbon dioxide of its carbon budget of 64million metric tonnes for authorisation under Article 6.2 of the Paris Agreement which states that “Parties shall, where engaging on a voluntary basis in cooperative approaches that involve the use of internationally transferred mitigation outcomes towards nationally determined contributions, promote sustainable development and ensure environmental integrity and transparency, including in governance, and shall apply robust accounting to ensure, inter alia, the avoidance of double counting, consistent with guidance adopted by the Conference of the Parties serving as the meeting of the Parties to this Agreement.” Three projects have received authorisation with the potential of reducing 5.2 million tonnes of carbon credits.

Ghana, through the Ministry, developed a Carbon Trading Framework and increased the number of bilateral cooperation agreements for carbon trading to five (5) i.e Switzerland, Sweden, Singapore, South Korea and Liechtenstein. Sixty-Eight (68) projects have been approved and are at different stages of implementation. These projects are 26 cookstoves, 3 Electric Vehicles, 2 biochar, 2 biogas, Nature based Solution covering 422,500 hectares. The new EPA Act of 2025 (Act 1124) has legislated the carbon trading framework by establishing institutional arrangements and procedures to support Ghana’s participation in Article 6.2 markets. The Carbon Market Office (CMO) has been set up and has delivered administrative and technical services to forty-three (43) project applications and eight (8) entity applications. The Draft agreement between the Government of Ghana and the Government of the Republic of South Korea has been reviewed by the AG and sent to Cabinet for approval.

Ghana through MEST in 2024 developed a carbon trading framework and increased the number of bilateral cooperation agreements for carbon trading to five i.e Switzerland, Sweden, Singapore, South Korea and Liechtenstein. Sixty-Eight (68) projects have been approved and are at different stages of implementation. These projects are 26 cookstoves, 3 Electric Vehicles, 2 biochar, 2 biogas, Nature based Solution covering 422,500 hectares. The new EPA Act of 2025 (Act 1124) has legislated the carbon trading framework by establishing institutional arrangements and procedures to support Ghana’s participation in Article 6.2 markets. It aims to catalyse the achievement of Nationally Determined Contribution goals, attract investment opportunities for businesses, and drive low-carbon growth and a green transition in Ghana. The Ministry of Environment, Science and Technology will develop further regulations to operationalize full implementation of the Act.



*Improved cookstoves with chimneys, Steamers and clarification tanks to replace traditional cooking stoves*



The Ministry of Environment, Science and Technology (MEST) through the GhanaCARES “Obaatanpa” programme is putting up a state-of-the-art jobbing Foundry and Machine Tooling Centre based on Computer Numerical Control (CNC) technology. Successful completion of the project will significantly enhance and transform Ghana’s economy, improve national capabilities in engineering and machine tooling, reduce reliance on imports, create jobs and improve productivity.

The Foundry and CNC Machine Tooling Centre (MTC) will manufacture key products which include agricultural machinery parts like shafts, pulleys, and pump casings; petroleum industry components such as valves, pipes, and bearings; and automotive parts including engine blocks, brake discs, and gearboxes. Additionally, the Centre will produce construction fittings, ceramic and refractory moulds and manufacturing tools, that will support Ghana’s industrial growth and technological advancement.

Phase One of the project focuses on the construction of the Main Foundry Building along with ancillary works. Phases Two and Three involve the construction of the Machine Tooling Centre, Pattern Shop, Canteen, and additional ancillary infrastructure, including a scrap yard, weighbridge, gatehouse, powerhouse, external power supply, access roads, water systems, and administration block. The physical construction is currently 76% complete whilst all the equipment needed for the Foundry (Phase One) has been procured, delivered to the site and the Phase Two equipment has been ordered awaiting delivery.



*Mezzanine floor*



*Main Foundry*



*CNC Machine Tooling Centre*

## Research and Development Programme

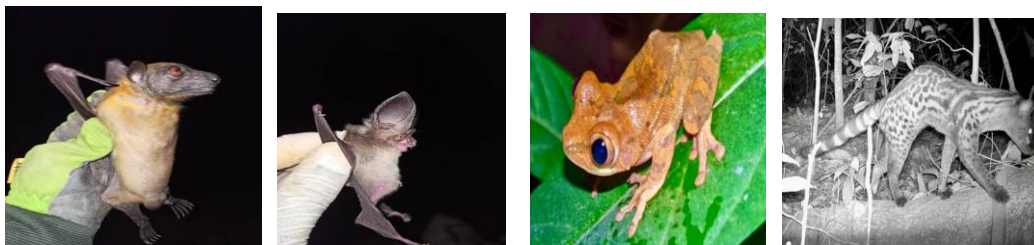
The Ministry through the Council for Scientific and Industrial Research (CSIR) developed a high yielding oil palm cultivars with slow height increment, high precocity (fruiting at 2-3 years after planting), fresh fruit bunch yield of 26-28 tons/ha/year, oil yield of 6.8 - 7.8 tons/ha, oil extraction rate (OER) of 26-28%, high olein content and high tolerance to Ganoderma and Fusarium wilt diseases and other attributes, to increase oil palm production in the country. To support food security and reduce poverty in the country, 3 improved varieties of *Xanthosoma Sp.* (CRI-Ma ye yie, CRI-Gye me di and CRI-Akyede) established for conservation and planting material production at Fumesua were maintained. Again, 1402 accessions collected and conserved whereas 820 accessions distributed. Additionally, marketable technologies (Fonio-dawadawa cookies, Ginger juice, Pumpkin soup base, Instant cereal, Ginger-honey drink and Honey yogurt) have been developed.





***Six (6) new CSIR products introduced unto the Ghanaian Market***

For issues on climate change, environmental management and green technology, the Ministry through CSIR on the Akyem Biodiversity Monitoring Project recently spotted a mammal called *Genetta pardina* in both the remnant forest and reforested plantation within the mining concession area. This is an indication that the forest health is improving, as it is now attracting larger mammals. Two bat species of interest have been recorded (*Eidolon helvum*; and *Hipposideros jonesi*). However, both bat species, the African Straw-coloured Fruit Bat (*Eidolon helvum*) and Jones's Roundleaf Bat (*Hipposideros jonesi*) are listed as Near Threatened in the IUCN Red List of Threatened Species. Additionally, a survey in the remnant forest recorded 33 amphibians belonging to 9 species, 6 genera, and 4 families. Among the amphibians, the Tai Forest Treefrog (*Leptopelis occidentalis*) is a specie of conservation concern identified at the site, classified as Near Threatened on the IUCN Red List.



*The African Straw-coloured bat (Eidolon helvum)   The Jones's Roundleaf Bat (Hipposideros jonesi)   The Tai Forest Treefrog Leptopelis occidentalis   The Pardine genet (Genetta pardina)*

The Ministry through the Ghana Atomic Energy Commission (GAEC) has developed Protocols for production of broilers, layers, quail and pigs with Black Soldier Fly (BSF)-based feed and the use of BSF-based organic fertilizer for vegetable production. Additionally, six (6) thousand disease free plantain plantlets produced to support food security. In efforts to reduce postharvest losses in tomatoes, training modules have been developed on tomato processing and about 18 farmers and processors have been trained on the technology. Also, training manual for black soldier fly (BSF) technologies have been developed with over twenty (20) farmers trained in using the BSF for bioconversion of organic waste into high quality protein for feed.







Again, GAEC has developed 4 new yellow fleshed cassava varieties with high beta carotene content, high yield and resistant to cassava mosaic virus. These varieties are useful for improved vitamin A intake for better eyesight and immune system.



Additionally, as part of the process to introduce nuclear energy into Ghana's energy mix, GAEC is working on the evaluation report of the 5 proposals received from vendors to aid the Government's decision for a potential partner for the first nuclear project in Ghana.

The following environmental safety activities were carried out. 53 Conditional compliance certificates issued; 869 Base Stations were monitored; 943 occupationally exposed workers were monitored; and 8 disused radioactive sources collected and decommissioned for further management at the Radioactive Waste Management Centre of GAEC.



The Ministry through the Environmental Protection Authority (EPA) issued 11,558 environmental assessment permits to ensure compliance with L.I. 1652 and issued 38,130 chemical licenses to ensure compliance. Additionally, EPA monitored 132 industries to analyse the level of pollution for effluent quality. 1 offshore Floating Production Storage and Offloading (FPSO) & 4 Service Companies permitted facilities in the oil and gas industry were



audited to ensure compliance with permit conditions. A total of 88 small-scale mining undertakings were also monitored.



*Offshore oil and Gas audit & Monitoring of Fuel filling station and Ghana Gas Atuabo Plant*



*Air & Effluent Quality Monitoring*

Air quality was undertaken at 8 regulatory and 12 non-regulatory sites across the country. The Draft Environmental Protection Authority Bill which is to strengthen environmental governance is currently on the floor of Parliament and at the consideration stage.

The Agency carried out environmental education programmes for 86 communities and 370 schools. 128 commercial pest controllers and 168 agro-input dealers were trained on safe handling of chemicals and pesticides. Also, 60 Customs officers were trained on the chemical conventions (Basel, Rotterdam & Stockholm Conventions).

The Nuclear Regulatory Authority (NRA) conducted inspections of 358 radioactive sources and devices, which were authorized for use in the country. Additionally, 224 permits were issued for the import, export, design approval, transport, and storage of radioactive sources and devices. Seven technical support organizations were authorized and seven enforcement notices were issued for non-compliance. Furthermore, eight draft regulations were submitted to the Attorney General's Office.







*Inspections at Industrial and Medical facilities*



*NRA inspector conducting inspection for transport authorisation of radioactive sources.*

The National Biosafety Authority received 14 product registrations, and two facility certifications were granted. NBA staff were also trained on genome editing science communication, agricultural biotechnology, and seed systems. Four monitoring and inspection exercises were conducted at the Confined Field Trial (CFT) site for cowpea at the Savanna Agricultural Research Institute (SARI) in Tamale, as well as at GAEC-BNARI and WACCI.





## 2.6 Budget by Chart of Account

### 6.0- Programme, Sub-Programme and Natural Account Summary

Entity: 017 - Ministry of Environment Science and Technology

Funding: All Source of Funding

Year: 2025 | Currency: Ghana Cedi (GHS)

Full Year Budget

	2025	2026	2027	2028
<b>Programmes - Ministry of Environment Science and</b>	<b>985,250,406</b>	<b>1,419,848,779</b>	<b>1,419,848,779</b>	<b>1,419,848,779</b>
<b>01701 - Management and Administration</b>	<b>336,812,209</b>	<b>389,527,160</b>	<b>389,527,160</b>	<b>389,527,160</b>
<b>01701001 - General Administration</b>	<b>226,630,214</b>	<b>298,799,180</b>	<b>298,799,180</b>	<b>298,799,180</b>
21 - Compensation of Employees [GFS]	169,213,195	214,511,039	214,511,039	214,511,039
22 - Use of Goods and Services	31,377,028	36,872,070	36,872,070	36,872,070
27 - Social benefits [GFS]		42,000	42,000	42,000
28 - Other Expense		225,000	225,000	225,000
31 - Non financial assets	26,039,991	47,149,071	47,149,071	47,149,071
<b>01701002 - Finance</b>	<b>44,389</b>	<b>177,556</b>	<b>177,556</b>	<b>177,556</b>
22 - Use of Goods and Services	44,389	177,556	177,556	177,556
<b>01701003 - Human Resource</b>	<b>44,389</b>	<b>177,556</b>	<b>177,556</b>	<b>177,556</b>
22 - Use of Goods and Services	44,389	177,556	177,556	177,556
<b>01701004 - Policy, Planning, Budgeting, Monitoring and Evalu</b>	<b>110,057,706</b>	<b>90,230,824</b>	<b>90,230,824</b>	<b>90,230,824</b>
22 - Use of Goods and Services	57,706	230,824	230,824	230,824
31 - Non financial assets	110,000,000	90,000,000	90,000,000	90,000,000
<b>01701005 - Statistics; Research; Information and Public Relati</b>	<b>35,511</b>	<b>142,045</b>	<b>142,045</b>	<b>142,045</b>
22 - Use of Goods and Services	35,511	142,045	142,045	142,045
<b>01702 - Research And Development</b>	<b>398,697,131</b>	<b>635,149,998</b>	<b>635,149,998</b>	<b>635,149,998</b>
<b>01702001 - Scientific And Industrial Research</b>	<b>330,030,987</b>	<b>538,502,884</b>	<b>538,502,884</b>	<b>538,502,884</b>
21 - Compensation of Employees [GFS]	274,055,678	377,035,546	377,035,546	377,035,546
22 - Use of Goods and Services	45,230,623	129,223,552	129,223,552	129,223,552
31 - Non financial assets	10,744,686	32,243,786	32,243,786	32,243,786
<b>01702002 - Nuclear Science And Space Science Technology</b>	<b>68,666,145</b>	<b>96,647,115</b>	<b>96,647,115</b>	<b>96,647,115</b>
21 - Compensation of Employees [GFS]	29,416,927	29,043,115	29,043,115	29,043,115
22 - Use of Goods and Services	25,664,629	40,832,601	40,832,601	40,832,601



## 2.6 Budget by Chart of Account

### 6.0- Programme, Sub-Programme and Natural Account Summary

**Entity:** 017 - Ministry of Environment Science and Technology

**Funding:** All Source of Funding

**Year:** 2025 | **Currency:** Ghana Cedi (GHS)

**Full Year Budget**

	2025	2026	2027	2028
27 - Social benefits [GFS]	1,273,526	2,580,481	2,580,481	2,580,481
28 - Other Expense	2,623,833	7,228,177	7,228,177	7,228,177
31 - Non financial assets	9,687,230	16,962,740	16,962,740	16,962,740
<b>01703 - Environmental Protection and Management</b>	<b>248,448,519</b>	<b>393,009,390</b>	<b>393,009,390</b>	<b>393,009,390</b>
<b>01703001 - Environmental Compliance And Enforcement</b>	<b>230,299,252</b>	<b>359,912,429</b>	<b>359,912,429</b>	<b>359,912,429</b>
21 - Compensation of Employees [GFS]	109,702,108	109,702,108	109,702,108	109,702,108
22 - Use of Goods and Services	69,371,283	138,258,745	138,258,745	138,258,745
27 - Social benefits [GFS]	4,694,726	7,319,726	7,319,726	7,319,726
28 - Other Expense	180,872	4,671,754	4,671,754	4,671,754
31 - Non financial assets	46,350,262	99,960,095	99,960,095	99,960,095
<b>01703003 - Enforcement and Compliance of ionizing and non-</b>	<b>18,149,267</b>	<b>33,096,961</b>	<b>33,096,961</b>	<b>33,096,961</b>
21 - Compensation of Employees [GFS]	8,890,345	16,986,034	16,986,034	16,986,034
22 - Use of Goods and Services	5,952,623	9,906,680	9,906,680	9,906,680
27 - Social benefits [GFS]	476,149	791,976	791,976	791,976
31 - Non financial assets	2,830,149	5,412,271	5,412,271	5,412,271
<b>01705 - Biosafety Development</b>	<b>1,292,546</b>	<b>2,162,230</b>	<b>2,162,230</b>	<b>2,162,230</b>
<b>01705001 - Biotechnology Regulation</b>	<b>1,292,546</b>	<b>2,162,230</b>	<b>2,162,230</b>	<b>2,162,230</b>
21 - Compensation of Employees [GFS]	217,753	226,192	226,192	226,192
22 - Use of Goods and Services	863,628	1,639,002	1,639,002	1,639,002
27 - Social benefits [GFS]	25,000	25,000	25,000	25,000
31 - Non financial assets	186,166	272,036	272,036	272,036

## **PART B: BUDGET PROGRAMME SUMMARY**

### **PROGRAMME 1: MANAGEMENT AND ADMINISTRATION**

#### **1. Budget Programme Objectives**

- To formulate policies and legislations that would facilitate the sustainable development of the country through the application of science, technology and innovation and the adoption of international standards/protocols and conventions that relate to the Environment, Science and Technology Sector of the country.
- To strengthen the coordination of activities of the Ministry, its Agencies/Department, and other stakeholders (MDAs, MMDAs, CSOs, DPs, Private Sector) on the issues that relate to the Environment, Science and Technology Sector.
- To strengthen policy planning, monitoring and evaluation within the Ministry and to ensure the effective implementation of sector policies programmes and projects.

#### **2. Budget Programme Description**

The Management and Administration programme delivers essential cross-functional services to ensure the success of other sector programs in attaining their goals.

This programme is responsible for:

- Formulating, coordinating, monitoring and evaluation of environmental policies and legislations that will ensure and promote sustainable environmental development;
- Formulating, coordinating, monitoring and evaluation of science, technology, and innovation policies to promote the development and application of research to enhance sustainable development of the country;
- Strengthening human capacities to adequately deal with environmental management, science, technology and innovation issues; and
- Preparing the sector budget and pursuing the interest of the Ministry in all financial transactions.





## 2.6 Budget by Chart of Account

### 6.0- Programme, Sub-Programme and Natural Account Summary

**Entity:** 017 - Ministry of Environment Science and Technology

**Funding:** All Source of Funding

**Year:** 2025 | **Currency:** Ghana Cedi (GHS)

**Full Year Budget**

	2025	2026	2027	2028
<b>01701 - Management and Administration</b>	<b>336,812,209</b>	<b>389,527,160</b>	<b>389,527,160</b>	<b>389,527,160</b>
<b>01701001 - General Administration</b>	<b>226,630,214</b>	<b>298,799,180</b>	<b>298,799,180</b>	<b>298,799,180</b>
21 - Compensation of Employees [GFS]	169,213,195	214,511,039	214,511,039	214,511,039
22 - Use of Goods and Services	31,377,028	36,872,070	36,872,070	36,872,070
27 - Social benefits [GFS]		42,000	42,000	42,000
28 - Other Expense		225,000	225,000	225,000
31 - Non financial assets	26,039,991	47,149,071	47,149,071	47,149,071
<b>01701002 - Finance</b>	<b>44,389</b>	<b>177,556</b>	<b>177,556</b>	<b>177,556</b>
22 - Use of Goods and Services	44,389	177,556	177,556	177,556
<b>01701003 - Human Resource</b>	<b>44,389</b>	<b>177,556</b>	<b>177,556</b>	<b>177,556</b>
22 - Use of Goods and Services	44,389	177,556	177,556	177,556
<b>01701004 - Policy, Planning, Budgeting, Monitoring and Evalu</b>	<b>110,057,706</b>	<b>90,230,824</b>	<b>90,230,824</b>	<b>90,230,824</b>
22 - Use of Goods and Services	57,706	230,824	230,824	230,824
31 - Non financial assets	110,000,000	90,000,000	90,000,000	90,000,000
<b>01701005 - Statistics; Research; Information and Public Relati</b>	<b>35,511</b>	<b>142,045</b>	<b>142,045</b>	<b>142,045</b>
22 - Use of Goods and Services	35,511	142,045	142,045	142,045



# **BUDGET SUB-PROGRAMME SUMMARY**

## **PROGRAMME 1: MANAGEMENT AND ADMINISTRATION**

### **SUB-PROGRAMME 1.1: General Administration**

#### **1. Budget Sub-Programme Objectives**

- To effectively coordinate the activities of the various Directorates of the Ministry and its Agencies;
- To ensure the provision of adequate resources/logistics for the smooth operations of the Ministry;
- To promote the application of Science, Technology and Innovation in all Sectors of the economy; and
- To promote the integration of environmental issues in all Sectors of the economy.

#### **2. Budget Sub-Programme Description**

This sub-programme looks at coordinating the activities of the Ministry and its Agencies through the office of the Chief Director. It issues directives that are consistent with the policy direction of the Ministry; provides required resources and logistics (e.g., human, transport, stationery, office equipment) for effective running of the Ministry.

The sub-programme is responsible for ensuring that the sector projects and programmes are in line with national development agenda by developing appropriate policies, programmes and projects that relate to the environment and Science, Technology, and Innovation; as well as ensures the successful implementation of all activities that relate to the environment, Science, Technology and Innovation.

Operations undertaken include, to:

- Coordinate the implementation of the National Science, Technology and Innovation (STI) Policy.
- Mainstream STI into National Development Agenda.
- Operationalise the Ghana Innovation and Research Commercialization (GIRC) Centre.
- Develop National Capacity for Space Science and Technologies.
- Implement Climate Change and Green Economy related activities.
- Coordinate the Implementation of the Nationally Determined Contributions (NDCs).
- Implement National Biodiversity Policy and Strategy in line with Post-2020 Global Biodiversity Framework.
- Implement the West Africa Coastal Areas (WACA) Programme.
- Ensure cohesion and successful implementation of the environment and STI-related programmes and projects in the Sector Medium Term Development Plan.
- Manage the properties of the Ministry through procurement and maintenance works.





- Organize biannual Science and technology Forum
- Ensure the timely provision of resources/logistics for the efficient operations of the Ministry.

### 3. Budget Sub-Programme Results Statement

The table indicates the main outputs, its indicators and projections by which the Ministry measures the performance of this sub-programme. The past data indicates Budget performance whilst the projections are the Ministry's estimate of future performance.

Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
GIRC Programme implemented	Activities of programme implemented	Procure Consultants for programme implementation	Consultants procured . Masterplan developed by local Consultant and STEPI of Korea.	Operationalise GIRC	50% Participated in International training programme in Korea. Technical Committee for the development of the Ghana Innovation Agency Bill has been constituted. Processes are ongoing to hire a consultant to develop the Bill.	Operationalise GIRC	Operationalise GIRC	Operationalise GIRC	Operationalise GIRC
National STI Policy developed. Complete and Launch National STI Policy	Draft Policy submitted	Complete and Launch National STI Policy	Technical working Group formed	Completed. To be submitted to cabinet for approval	Cabinet memo on the policy is submitted to Cabinet for approval	Implement Policy	-	-	-
Management Information	% Level of completion	100% STIMIS Complete	80% Technical specific	Operationalise	STIMIS developed and	Data analysis and dissemination	Operationalise STIMIS	Operationalise STIMIS	Operationalise STIMIS



Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
System developed for ST&I		ed and launched	cation and demonstration of the STIMI S	STIMI S	operation alised.	ination on the platform			
Oil and Gas environment policy implemented	Level of implementation	Conduct a capacity needs assessment	A draft capacity needs assessment report developed	Organise 2 workshops to create awareness of the EMPOG I and implement the policy	Capacity Needs Assessment on Sustainable Ocean Plan (SOP) carried out. Validation of the Capacity Needs Assessment report undertaken  Assessment report undertaken	Implement policy	Implement policy	-	-
2016 National Biodiversity Policy and National Biodiversity Strategy and Action Plan (NBSAP) implemented	Level of implementation	NBSAP reviewed	2016 NBSAP under review	Develop biodiversity mainstreaming guidelines for sectors and MMDAs	Draft NBSAP aligned to GBF developed New national targets submitted to the CBD	NBSAP adopted and implemented	NBSAP report developed and submitted (7th National Report)	NBSAP implemented	NBSAP implemented
The West Africa Coastal Areas (WAC	Level of implementation	Secure World Bank Board, Cabinet and	World Bank Board and Cabinet approval	Undertake feasibility studies for 2 sites –	Key project documents developed	Implement two (2) investment	Implement two (2) investment	Implement two (2) investment	Implement two (2) investment



Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
A) Programme implemented		Parliamentary approvals for Programme effectiveness	secured, awaiting Parliamentary approval	Densu and Keta	<ul style="list-style-type: none"> <li>Environment and Social Commitment Plan (ESCP)</li> <li>Project Implementation Manual (PIM)</li> <li>Grievance Redress Mechanism (GRM) Manual</li> </ul> Project website undergoing final phase of review	projects	projects	ment projects	projects
The Ghana National Determined Contribution (GH_NDC) programmer of actions implemented by priorit	Level of implementation of GH_NDC under the Paris Agreement and Low Carbon Development Strategy	Develop monitoring indicators for the GH_NDC programme of action	Monitoring indicators developed	Develop monitoring indicators for the GH_NDC programme of action	Monitoring indicators developed	Prepare National report to feed into the Global Stocktake (GST)	Secure local and international funding to support NDC implementation	Revise and update GH_NDC	Secure local and international funding to support NDC implementation



Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
zed sectors									
Effective National participation in the Carbon Market System	Level of implementation of Article 6 of Paris Agreement	Establish Article 6.2 Secretariat in-country	Draft Implementation manual developed	Establish Article 6.2 Secretariat in-country	Three bilateral agreements on Article 6 signed with the governments of Sweden, Singapore and Switzerland Carbon Market Office established.	Establish Article 2 Secretariat in-country	Train selected Private Sector entities towards implementation of National Framework for market and non-market mechanisms under Article 6	National Framework for market and non-market mechanisms implemented	National Framework for market and non-market mechanisms implemented
National officers' capacity built to contribute to agreement on a set of goals to guide global actions to protect and restore nature at the United Nations Climate Change	Number of National Officers supported to participate in the Conference of Parties on Climate Change and Biodiversity	5 officers sponsored to participate in COP28 on Climate Change	5 officers and 3 officers to be supported to participate in COP28 on Climate Change and the Biodiversity COP16, respectively	5 officers sponsored to participate in COP29 on Climate Change	5 officers and 3 officers sponsored to participate in COP29 on Climate Change and the Biodiversity COP16, respectively	5 officers sponsored to participate in COP30 on Climate Change	5 officers and 3 officers supported to participate in COP31 on Climate Change and the Biodiversity COP17, respectively	5 officers and 3 officers supported to participate in COP32 on Climate Change and the Biodiversity COP17, respectively	5 officers and 3 officers supported to participate in COP33 on Climate Change and the Biodiversity COP17, respectively



Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicativ e Year 2026	Indicativ e Year 2027	Indicativ e Year 2028
		Target	Actual	Target	Actual				
Confer ence and the Confer ence of Parties of the Conve ntion on Biolog ical Diversi ty									



#### 4. Budget Sub-Programme Operations and Projects

The table lists the main Operations and projects to be undertaken by the sub-programme.

Operations	Projects
<b>Internal management of the organisation</b>	<b>Acquisition of Movable and Immovable Assets</b>
Office supplies and consumables	
<b>Environmental policy integration and management</b>	
Implement and create awareness on the Global Biodiversity Framework (GBF).	
Mainstream Environmental Management policy for the Oil and Gas Industry (EMPOGI) into selected MMDAs development plans.	
Ratify 4 Additional Protocols under the Abidjan Convention.	
<b>Climate change policy and programmes</b>	
Implementation of the Ghana-Swiss Bilateral Cooperation Agreement.	
Implement Revised Nationally Determined Contributions (GH_NDCs).	
Development of Draft Coastal Resilience Policy and Implementation Plan.	
Implement West Africa Coastal Areas (WACA) programme.	
<b>Development and promotion of the application of science and technology</b>	
Support Operationalisation of GIRC Center.	
Launch the Revised National STI Policy.	
Implement the National Space Science Policy.	
<b>Other priority programs</b>	
Implement the One Tree Per Child (Celebration of “Arbor Day”)	
Implement the Blue Water Initiative	
Organize biannual Science and technology Forum	





## 2.8. Budget by Chart of Account

### 8 - Sub-Programme and Natural Account

**Entity:** 017 - Ministry of Environment Science and Technology

**Funding:** All Source of Funding

**Year:** 2025 | **Currency:** Ghana Cedi (GHS)

**Full Year Budget**

	2025	2026	2027	2028
<b>01701001 - General Administration</b>	<b>226,630,214</b>	<b>298,799,180</b>	<b>298,799,180</b>	<b>298,799,180</b>
21 - Compensation of Employees [GFS]	169,213,195	214,511,039	214,511,039	214,511,039
22 - Use of Goods and Services	31,377,028	36,872,070	36,872,070	36,872,070
27 - Social benefits [GFS]		42,000	42,000	42,000
28 - Other Expense		225,000	225,000	225,000
31 - Non financial assets	26,039,991	47,149,071	47,149,071	47,149,071

# **BUDGET SUB-PROGRAMME SUMMARY**

## **PROGRAMME 1: MANAGEMENT AND ADMINISTRATION**

### **SUB-PROGRAMME 1.2: Finance**

#### **1. Budget Sub-Programme Objective**

To improve resource mobilisation, financial management and reporting (financial reports/statements) and the judicious use of financial resources as per the budgetary provisions.

#### **2. Budget Sub-Programme Description**

This sub-programme concentrates on ensuring that the Ministry's financial management practices align with established procedures and adhere to relevant laws. The Finance and Internal Audit Units of the Ministry are responsible for implementing this sub-programme.

This sub-programme seeks to safeguard the interest of the Ministry in all financial transactions relating to revenue and expenditure management and ensure proper allocation and use of the Ministry's budget. It also ensures effective financial transactions relating to revenue and expenditure management and reporting of the Ministry and its project accounts. It also ensures the provision of an effective and efficient system of internal controls (checks and balances) and the practice of proper and accountable administration.

Activities undertaken include, to:

- Identify other revenue streams apart from GoG;
- Strengthen revenue generation machinery;
- Ensure compliance with accounting/auditing procedures and timely reporting; and
- Ensure budgetary control and management of assets, liabilities, revenue and expenditures.
- Ensures that internal control systems are in place;
- Ensures accountable records are accurate including purchases and payments;
- Identifies any accounting errors, cases of fraud and initiate investigations;
- Reviews and recommends strengthening of internal systems.
- Financial, managerial and operating information reported internally and externally is accurate, reliable and timely;
- Ensuring that the financial activities of the Ministry are in compliance with applicable laws, regulations, policies, Laws, standards and procedures;





### 3. Budget Sub-Programme Results Statement

The table indicates the main outputs, their corresponding indicators and projections used by the Ministry to assess the performance of this sub-programme. The past data indicates budget performance whilst the projections are the Ministry's estimate of future performance.

Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
Internal Audit reports	Number of audit reports submitted per year	4	9	6	6	6	6	6	6
	Number of Audit committee meetings held	4	3	4	4	4	4	4	4
Financial reports/statement	Monthly financial reports submitted by	15th of the ensuing month	15th of the ensuing month	15th of the ensuing month	15th of the ensuing month	15th of the ensuing month	15th of the ensuing month	15th of the ensuing month	15th of the ensuing month
	Number of financial statements prepared	4	4	4	4	4	4	4	4

### 4. Budget Sub-Programme Operations and Projects

The table lists the main operations and projects to be undertaken by the sub-programme

Operations	Projects
Internal Audit operations	No Projects
External audit operations	
Special Audit assignments	
Treasury and Accounting activities	
Preparation of Financial Reports	





## 2.8. Budget by Chart of Account

### 8 - Sub-Programme and Natural Account

**Entity:** 017 - Ministry of Environment Science and Technology

**Funding:** All Source of Funding

**Year:** 2025 | **Currency:** Ghana Cedi (GHS)

**Full Year Budget**

	2025	2026	2027	2028
01701002 - Finance	44,389	177,556	177,556	177,556
22 - Use of Goods and Services	44,389	177,556	177,556	177,556

# **BUDGET SUB-PROGRAMME SUMMARY**

## **PROGRAMME 1: MANAGEMENT AND ADMINISTRATION**

### **SUB-PROGRAMME 1.3: Human Resource Management and Development**

#### **1. Budget Sub-Programme Objective**

To facilitate the recruitment, replacement, placement, retention and improvement in the capacity and welfare of employees.

#### **2. Budget Sub-Programme Description**

The Human Resource sub-programme identifies human resource needs of the Ministry and provides the requisite personnel by recruiting, training and building the capacity of staff as well as other sector-related MDAs and relevant stakeholders (such as the private sector) to enhance productivity. This sub-programme is delivered by the HRMD Directorate of the Ministry.

This sub-programme develops sector-wide policy on HR Planning, Succession Planning, Training and Development and Performance Management. It also ensures that there is in place an effective and stable management framework consistent with the overall manpower needs of the Sector.

It also facilitates the process of recruitment and placement, employee orientation and induction, retraining, motivation and staff development on a continuing basis for the efficient discharge of their duties. Moreover, it ensures that there is in place an effective and stable HR policy and management framework consistent with the overall manpower needs of the Sector.



### 3. Budget Sub-Programme Results Statement

The table indicates the main outputs, its indicators and projections by which the Ministry measures the performance of this sub-programme. The past data indicates Budget performance whilst the projections are the Ministry's estimate of future performance.

Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
Organize a workshop on Civil Service Rules and Regulations	Number of Workshops	4	0	4	0	4	4	4	4
Scheme of Service Training programmes for all categories of staff	Number of staff trained, and reports produced	20	18	20	23	20	20	20	20
Organize Training/workshop on Performance Management for Staff of the Ministry	Workshop undertaken and report available	1	4	1	2	1	1	1	1
Promotion interviews organized	Promotions interview reports are available	20	13	20	23	20	20	20	20
Annual Staff Performance Appraisal Report	Report submitted to OHCS by end of December 2020	15 <sup>th</sup> Jan.	13 <sup>th</sup> Jan.	15 <sup>th</sup> Jan.	15 <sup>th</sup> Jan.	15 <sup>th</sup> Jan.	15 <sup>th</sup> Jan.	15 <sup>th</sup> Jan.	15 <sup>th</sup> Jan.
Staff trained and capacity developed	Number of officers trained	40	72	60	98	60	60	60	60



Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
Participation in Local and International training/conference	No. of officers who attended various training/conferences	30	35	30	78	30	30	30	30
Organize Health Awareness exercise for Staff	No. of Health awareness exercise organized	1	2	2	1	2	2	2	2



#### 4. Budget Sub-Programme Operations and Projects

The table lists the main Operations and projects to be undertaken by the sub-programme.

Operations		Projects
Staff audit		No Project
Human Resource database		
Scheme of service training		
Recruitment, placement, and promotions		
Personnel and staff management		





## 2.8. Budget by Chart of Account

### 8 - Sub-Programme and Natural Account

**Entity:** 017 - Ministry of Environment Science and Technology

**Funding:** All Source of Funding

**Year:** 2025 | **Currency:** Ghana Cedi (GHS)

**Full Year Budget**

	2025	2026	2027	2028
01701003 - Human Resource	44,389	177,556	177,556	177,556
22 - Use of Goods and Services	44,389	177,556	177,556	177,556

# **BUDGET SUB-PROGRAMME SUMMARY**

## **PROGRAMME 1: MANAGEMENT AND ADMINISTRATION**

### **SUB-PROGRAMME 1.4: Policy, Planning, Budgeting, Monitoring and Evaluation**

#### **1. Budget Sub-Programme Objective**

To strengthen the capacity for planning, policy analysis, budgeting, monitoring and evaluation, data collection and analysis for the sector.

#### **2. Budget Sub-Programme Description**

This sub-programme ensures that the sector projects and programmes are in line with the national development agenda by developing appropriate policies, programmes, and projects. Policy, Planning, Budgeting, Monitoring and Evaluation (PPBME) ensures internal information dissemination, the compilation of the sector budget as well as monitoring and evaluating the effective implementation of policies, programmes and projects of the Sector.

It is responsible for the development of comprehensive and sustainable policies, legislations, plans, programmes and resource flow to the sector in collaboration with relevant stakeholders.

It caters for the design and application of monitoring and evaluation systems for purposes of assessing the operational effectiveness of the Ministry, its implementing department and agencies as well as the activities of other key stakeholders in meeting the Sector's short, medium and long-term objectives and targets.

The sub-programme activities include:

- Strengthen capacity for effective policy planning, budgeting, monitoring and evaluation of the sector activities.
- Ensure effective implementation of the sector programmes and projects in the Sector Medium Term Development Plan (SMTDP).
- Prepare, coordinate and manage the approved Sector budget.
- Prepare the sector strategic, medium term and action plans.
- Ensure cohesion and successful implementation of all projects and programmes.
- Implement E-waste and Plastics-related Projects.
- Implement the GEF-funded "Circular Economy for Plastics Management in Ghana" Projects.
- Implement National Plastics Management Policy.
- Monitoring of Galamsey activities.
- Establishment of Foundry and Machine Tooling Centre.





### 3. Budget Sub-Programme Results Statement

The table indicates the main outputs, its indicators and projections by which the Ministry measures the performance of this sub-programme. The past data indicates Budget performance whilst the projections are the Ministry's estimate of future performance.

Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
Establishment of Foundry and Machine Tooling Centre	Completion Status of Construction Phases	Complete the Construction of Phase II & III of the Machine Tooling Centre	25%	100%	76%	100%	100%	Operationalise Center	Operationalise Center
	Equipment procured and installed	Procure equipment Phase II & III	0%	50%	0%	100%	-	-	-
Establishing Circular Economy Framework for the Plastics Sector (CEF-PS)" Project	Provide technical and financial support To 11 SMEs in the plastics value chain	0	0	12	0	11	4	-	-
MDA Annual Action Plan	Annual MEST Sector plan prepared by	Jan.	Jan.	Jan.	Jan.	Jan.	Jan.	Jan.	Jan.



Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
Performance Reviewed	Prepare Annual Performance Report to OHCS by	15 <sup>th</sup> Jan.	13 <sup>th</sup> Jan.	15 <sup>th</sup> Jan.	13 <sup>th</sup> Jan.	15 <sup>th</sup> Jan.	15 <sup>th</sup> Jan.	15 <sup>th</sup> Jan.	15 <sup>th</sup> Jan.
	Number of quarterly progress reports produced	4	4	4	4	4	4	4	4
Sector budget Prepared	Sector budget prepared, presented and approved by	Dec.	Dec.	Dec.	Dec.	Dec.	Dec	Dec	Dec
Annual Budget Performance Report	Report submitted by	31 <sup>st</sup> March	28 <sup>th</sup> March	31 <sup>st</sup> March	28 <sup>th</sup> March	31 <sup>st</sup> March	31 <sup>st</sup> March	31 <sup>st</sup> March	31 <sup>st</sup> March
Handover Centre for e-waste constructed	% Level of completion	100%	100%	100%	100%	-	-	-	-
Incentive payment system for e-waste at Agbogbloshie	Tonnes of e-waste purchased	200	437.88	400	709	500	600	700	700
Implement National Anti-Corruption Action Plan (NACAP)	NACAP report submitted to CHRAJ by	15th Jan.	15th Jan.	15th Jan.	15th Jan.	15th Jan.	15th Jan.	15th Jan.	15th Jan.



#### 4. Budget Sub-Programme Operations and Projects

The table lists the main Operations and projects to be undertaken by the sub-programme

Operations	Projects
Planning and Policy Formulation	Complete the Construction of Phase II & III of the Machine Tooling Centre
Monitoring and Evaluation of Policies, Programmes and Projects	Procurement of Foundry and CNC Machine Tolling centre equipment - Phase II and III
Budget Preparation	
Budget Performance Reporting	
Implement National Plastic Management Policy	
Develop National policy on E-waste Management.	
Continue with the implementation of the incentive payment system for e-waste	
Implement the GEF-funded “Circular Economy for Plastics Management in Ghana” Projects	
Monitoring of Galamsey activities	





## 2.8. Budget by Chart of Account

### 8 - Sub-Programme and Natural Account

**Entity:** 017 - Ministry of Environment Science and Technology

**Funding:** All Source of Funding

**Year:** 2025 | **Currency:** Ghana Cedi (GHS)

**Full Year Budget**

	2025	2026	2027	2028
01701004 - Policy, Planning, Budgeting, Monitoring an	110,057,706	90,230,824	90,230,824	90,230,824
22 - Use of Goods and Services	57,706	230,824	230,824	230,824
31 - Non financial assets	110,000,000	90,000,000	90,000,000	90,000,000

# **BUDGET SUB-PROGRAMME SUMMARY**

## **PROGRAMME 1: MANAGEMENT AND ADMINISTRATION**

### **SUB-PROGRAMME 1.5: Statistics, Research, Information and Public Relations**

#### **1. Budget Sub-Programme Objective**

To support the promotion of sectoral policies, programmes and projects through evidence-based research and statistics and to strengthen the application of Information Communication Technology (ICT) as well as protect and promote the good image of the sector through the dissemination of sector-relevant information to stakeholders and the public.

#### **2. Budget Sub-Programme Description**

This sub-programme undertakes research relevant to the sector to inform policy formulation and disseminates research findings on environment, science and technology research and to act as liaison between the Ministry and its partners/collaborators.

It is responsible for the design, use, maintenance and development of research and statistics as input into a central database for service-wide use. It also strengthens the application of Information Communication Technology (ICT) and coordinates all activities relating to information gathering, processing and dissemination for all the Ministry's organizations and stakeholders. Its main functions include the following:

- To create a conducive atmosphere for the effective and efficient functioning of the sector by promoting and maintaining cordial working relationships with the other directorates in the sector and with its clients and stakeholders.
- To undertake research, collection of data and statistics to aid decision-making relevant to the achievement of sectoral goals and objectives.
- To create and maintain a database of statistical information on the sector for decision-making.
- To plan, implement, monitor, and evaluate ICT projects and programmes for the sector.
- To ensure the availability of ICT services and advise on standards for application.
- To protect and promote the good image of the sector by disseminating sectoral information on its policies, programmes and projects.



### 3. Budget Sub-Programme Results Statement

The table indicates the main outputs, its indicators and projections by which the Ministry measures the performance of this sub-programme. The past data indicates Budget performance whilst the projections are the Ministry's estimate of future performance.

Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
Sector information disseminated to the public	Number of activities publicised	20	30	25	48	25	25	30	30
Response to petitions from the general public	Response provided within	14 days	14 days	14days	14days	14days	14 days	14 days	14 days
MEST Website updated	Number of news items posted on MEST's website	40	30	30	62	30	30	30	30

### 4. Budget Sub-Programme Operations and Projects

The table lists the main Operations and projects to be undertaken by the sub-programme.

Operations		Projects
Development and management of database		
Acquisition and Management of ICT Infrastructure		
Monitoring of ICT processes		
Media Relations		
Information, Education and Communication		
Research & Development (R&D) to inform policy initiatives		
Impact Studies on sector policies, programmes and projects.		





## 2.8. Budget by Chart of Account

### 8 - Sub-Programme and Natural Account

**Entity:** 017 - Ministry of Environment Science and Technology

**Funding:** All Source of Funding

**Year:** 2025 | **Currency:** Ghana Cedi (GHS)

**Full Year Budget**

	2025	2026	2027	2028
01701005 - Statistics; Research; Information and Public	35,511	142,045	142,045	142,045
22 - Use of Goods and Services	35,511	142,045	142,045	142,045

# **BUDGET PROGRAMME SUMMARY**

## **PROGRAMME 2: RESEARCH AND DEVELOPMENT**

### **1. Budget Programme Objective**

To promote and develop Science, Technology, and Innovation in all sectors of the economy for socio-economic development.

### **2. Budget Programme Description**

This programme involves the promotion of nuclear technology, scientific and industrial research. The Council for Scientific and Industrial Research (CSIR) and the Ghana Atomic Energy Commission (GAEC) harness science and technology expertise for sustainable agricultural production, meat and fish preservation, irrigation, good water supply, environmental management, housing, road construction, information packaging and dissemination. The programme also involves the application of space science technology.

Moreover, science and technology are crucial in promoting the peaceful use of nuclear science and technology research. This includes areas such as healthcare and medical research, education and skill development, and the regulation of radioactive materials and facilities.







## 2.6 Budget by Chart of Account

### 6.0- Programme, Sub-Programme and Natural Account Summary

**Entity:** 017 - Ministry of Environment Science and Technology

**Funding:** All Source of Funding

**Year:** 2025 | **Currency:** Ghana Cedi (GHS)

**Full Year Budget**

	2025	2026	2027	2028
<b>01702 - Research And Development</b>	<b>398,697,131</b>	<b>635,149,998</b>	<b>635,149,998</b>	<b>635,149,998</b>
<b>01702001 - Scientific And Industrial Research</b>	<b>330,030,987</b>	<b>538,502,884</b>	<b>538,502,884</b>	<b>538,502,884</b>
21 - Compensation of Employees [GFS]	274,055,678	377,035,546	377,035,546	377,035,546
22 - Use of Goods and Services	45,230,623	129,223,552	129,223,552	129,223,552
31 - Non financial assets	10,744,686	32,243,786	32,243,786	32,243,786
<b>01702002 - Nuclear Science And Space Science Technology</b>	<b>68,666,145</b>	<b>96,647,115</b>	<b>96,647,115</b>	<b>96,647,115</b>
21 - Compensation of Employees [GFS]	29,416,927	29,043,115	29,043,115	29,043,115
22 - Use of Goods and Services	25,664,629	40,832,601	40,832,601	40,832,601
27 - Social benefits [GFS]	1,273,526	2,580,481	2,580,481	2,580,481
28 - Other Expense	2,623,833	7,228,177	7,228,177	7,228,177
31 - Non financial assets	9,687,230	16,962,740	16,962,740	16,962,740

# **BUDGET SUB-PROGRAMME SUMMARY**

## **PROGRAMME 2: RESEARCH AND DEVELOPMENT**

### **SUB-PROGRAMME 2.1: Scientific and Industrial Research**

#### **1. Budget Sub-Programme Objective**

Promote the application of Science, Technology and Innovation in all Sectors of the economy.

#### **2. Budget Sub-Programme Description**

This Sub-Programme involves the promotion of research and application of science, technology, and innovation in development, as well as coordinating and promoting the commercialisation of research and development (R&D) outputs.

It is responsible for the implementation of government policies on scientific research and development. It also advises the Minister on Scientific and technological advances likely to be of importance to National Development.

The core functions of this Sub-Programme are as follows;

- To pursue the implementation of government policies on scientific research and development.
- To encourage and promote the commercialisation of results.
- To encourage in the national interest, scientific and industrial research of importance for development of agriculture, health, medicine, environment, technology, and any other service sectors and to this end to encourage close linkages with the productive sectors of the economy.
- To encourage coordinated employment of scientific research for the management, utilisation, and conservation of the natural resources of the Republic in the interest of development.

This Programme is implemented by the Council for Scientific and Industrial Research (CSIR) and its Thirteen (13) Institutes across the country with the following seven (7) Thematic Areas;

- Food Security and Poverty Reduction
- Climate Change, Environmental Management & Green Technology
- Biomedical and Public Health
- Material Science and Manufacturing
- Energy and Petroleum
- Electronics and ICT
- Science and People



### 3. Budget Sub-Programme Results Statement

The table provides an overview of the primary outcomes, their corresponding indicators, and the future expectations against which the Ministry assesses the performance of this sub-program. Past data serves as a reference for budget performance, while the projections represent the Ministry's estimations of future performance.

Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
Biotechnology: - Germplasm collection, characterization, conservation, and distribution nationwide	Number of Plant Accessions collected and conserved	2600	2471	2800	1602	3000	3500	3700	3900
	Number. of Plant Accessions distributed nation-wide	1000	1804	1100	820	1200	1300	1400	1500
Development and transfer of improved crop varieties	Number. of improved crop varieties of crops developed and disseminated	18	4	20	4	20	25	25	25
Postharvest losses of food commodities reduced.	Number of postharvest technologies developed and transferred/promoted.	16	29	18	48	20	24	30	34
Improved breeds of livestock/poultry/fishes developed	Number. of improved breeds of livestock/poultry/fishes developed	10	0	10	0	12	15	17	19
Application of Nanotechnology in economic social and industrial development energy production	No. sectors applying Nanotechnologies in their operations	2	0	3	0	3	4	5	6
Level of private sector investment in R&D	% contribution of Private sector investing in R&D	15%	5%	15%	20%	20%	22%	24%	25%
R&D % of GDP increased	Research and Development as % of GDP	0.65%	0.05%	0.85%	0.38%	0.90%	1.0%	1.1%	1.2%



Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
ICT Centre for the provision of electronics and computer engineering services established	Number of ICT software applications developed	4	2	4	1	5	6	6	6
	Number of training sessions organized	7	4	8	1	8	9	9	9
Foundation seeds on improved crop varieties produced for certified seed producers within the seed industry	Quantity of foundation seed produced	15.55 metric tons	16.245 metric tons	14.55 metric tons	34.82 metric tons	14.55 metric tons	14.55 metric tons	14.55 metric tons	14.55 metric tons
Private sector investment in R&D	Percentage increase of private sector investment in R & D	15%	5%	20%	8%	25%	30%	35%	35%
Adoption rate of improved breeds of livestock/ poultry/fishes	% of improved breeds of livestock/ poultry/fishes adopted	50% live birds	55%	55% live birds	60% live birds	60% live birds	65% live birds	70% live birds	70% live birds
		50% Brood stock of Nile tilapia	45% Brood stock of Nile tilapia	55% Brood stock of Nile tilapia	45% Brood stock of Nile tilapia	60% Brood stock of Nile tilapia	65% Brood stock of Nile tilapia	55% Brood stock of Nile tilapia	55% Brood stock of Nile tilapia
Improved planting materials produced and sold	Number and type of planting materials produced	2,000,000 germinated oil palm seed nuts	4,518,530 germinated oil palm seed nuts	2,100,000 germinated oil palm seed nuts	5,046,506 Germinated oil palm seed nuts	2,200,000 germinated oil palm seed nuts	2,300,000	2,400,000	2,500,000
		180,000	1,860 Oil palm FFB	200,000	72,356 Oil palm seedlings	200,000	210,000	220,000	220,000
		10,000 coconut seedlings	14,840 coconut seedlings	12,000	14,313 Coconut seedlings	15,000	20,000	25,000	25,000



#### 4. Budget Sub-Programme Operations and Projects

The table lists the main Operations and projects to be undertaken by the sub-programme

Operations	Projects
Development and promotion of the application of science and technology	Acquisition of Movable and Unmovable Assets
Food Security and Poverty Reduction	Modernizing Agriculture in Ghana (MAG) Project
Climate Change, Environmental Management & Green Technology	Furniture Testing Machine
Biomedical and Public Health	Solar PV Installation
Material Science and Manufacturing	High Performance Computer (HPC)
Energy and Petroleum	Setup of Commercialisation Centre
Electronics and ICT	
Science and People	
Commercialization of Research results	





## 2.8. Budget by Chart of Account

### 8 - Sub-Programme and Natural Account

**Entity:** 017 - Ministry of Environment Science and Technology

**Funding:** All Source of Funding

**Year:** 2025 | **Currency:** Ghana Cedi (GHS)

**Full Year Budget**

	2025	2026	2027	2028
01702001 - Scientific And Industrial Research	330,030,987	538,502,884	538,502,884	538,502,884
21 - Compensation of Employees [GFS]	274,055,678	377,035,546	377,035,546	377,035,546
22 - Use of Goods and Services	45,230,623	129,223,552	129,223,552	129,223,552
31 - Non financial assets	10,744,686	32,243,786	32,243,786	32,243,786

# **BUDGET SUB-PROGRAMME SUMMARY**

## **PROGRAMME 2: RESEARCH AND DEVELOPMENT**

### **SUB-PROGRAMME 2.2: Nuclear and Space Science Technology**

#### **1. Budget Sub-Program Objective**

To develop and promote the utilization of nuclear, biotechnology, space science and other related technologies for socio-economic development through research, training and commercialisation.

#### **2. Budget Sub-Program Description**

This sub-program involves the promotion of science, technology and innovation through research and development in nuclear science and space science technologies in various sectors of the economy. The activities of this sub-program are carried out by the Ghana Atomic Energy Commission through its six (6) institutes and the Graduate school of Nuclear and Allied Sciences (SNAS). The activities of the institutes and the Graduate School are co-ordinated at the Head office.

The core functions of this Sub-Programme are as follows;

- To make proposals to the Government for legislation in the field of nuclear radiation and radio-active waste management;
- To advise the Government on questions relating to nuclear energy, science, and technology;
- To establish, for the purposes of research and in furtherance of its functions, Institutes of the Commission and to exercise control over the boards of management of the Institutes;
- To encourage and promote the commercialisation of research and development results through its Institutes;
- To supervise the carrying out of all requirements designed to secure the safety and health of nuclear radiation workers and the environment;
- To engage in research and development activities, as well as in the publication and determination of research findings and other useful technical information;
- To oversee and facilitate the development of human resources in the fields of nuclear science and technology, and to promote the training of scientific, technical, and non-scientific personnel of the Commission;
- To maintain relations with the International Atomic Energy Agency and other similar international and national organisations, and to collaborate and liaise with those organisations on matters of research and development of nuclear energy and nuclear technology;
- To collaborate with Universities and Research Institutes for the purposes of conducting research into matters connected with the peaceful uses of nuclear energy and technology; and
- To perform any other functions determined by the Government.





### 3. Budget Sub-Programme Results Statement

The table below indicates the main outputs, its indicators and projections by which the performance of this sub-programme is measured. The past data indicates Budget performance whilst the projections are the Agency's estimate of future performance:

Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
Conduct Safety assessment of telecommunication base stations/cell sites (Conditional Compliance assessment)	Number of Base Stations Assessed.	500	13	350	0	350	400	400	400
Telecommunication masts/base stations Monitored	Number of masts/base stations monitored	2500	908	2500	408	3000	3000	3500	3500
Occupational exposures for mine, industrial, medical, educational and research institution workers Monitored	Number of workers involved in the use of ionizing radiation monitored	1600	1318	1800	743	1800	1800	1800	1800
Farmers and other stakeholder groups trained in nuclear-based, smart agriculture technologies for sustainable crop production and reduction of post-harvest losses	Number of farmers trained	100	200	150	20	150	150	150	150
Radiation contamination assessment of Consumables	Number of samples analysed	600	312	650	258	700	800	900	900



Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
Siting and feasibility studies towards introduction of nuclear energy in Ghana	Level of completion  (Phase 2)	Addres s the 19 progra mme infrastr ucture issues	55% of the overall targets have been complete d	Addres s the 19 progra mme infrastr ucture issues	50%	Move into TSO activitie s.	Move into TSO activities.	Move into TSO activities	Move into TSO activities
Training of Welding and NDT professionals.	Number of welders/NDT personnel certified.	7	7 Tuiti on has been compl eted. Practic al Exercis es compl eted and passed . Awa iting certific ation by the Russia ns	7	0	7	7	7	7
Baseline study on knowledge, attitudes and practices of infant and young child feeding recommendat ions in Ga-East District	Completion of data Collections  Data entry and analysis	100%	60%	100%	Data Analys is ongoin g	100	100	100	100
Training and educating professionals	Number of radiation professiona ls trained	7 PhD 45 MPhil	5 PhD 51 MPhil	10 PhD 50MPhil	51	10 PhD 50 MPhil	10 PhD 50 MPhil	12 PhD 55 MPhil	12 PhD 55 MPhil
National quality assurance audit of diagnostic radiology practices.	Number of facilities audited	50	0	50	4	50	50	50	50



#### 4. Sub-Programme Operations and Projects

The table lists the main Operations and projects to be undertaken by the sub-programme

Operations	Projects
Development, promotion and commercialisation of nuclear research and technology	Construction of Fence wall
Health Physics and Instrumentation Research and Development (R&D), and Technical Services provision	Complete the establishment of the Welding and NDT training facility
Environmental Radiation Protection Research and Development (R&D), and Technical Services provision	Renovation of RP Baffuor building
Nuclear Power Programme	
<i>Accreditation of technical and scientific support organization</i>	
Clean Energy	
<i>Establishment of a Clean Energy Training Centre</i>	
Crop Improvement and Multiplication.	
<i>Crop improvement through Mutation breeding and multiplication of disease-free planting materials through tissue culture techniques.</i>	
GAEC International obligation - Subscriptions	
Commercialisation of nuclear agriculture research	
Study to inform research and policy on cervical cancer prevention in Ghana	
Cancer Research and Awareness	
<i>Clinical Training of Medical Physicists in diagnostic radiology and nuclear medicine.</i> <i>Continue conducting research into cervical cancer to inform policy-making and promote Cancer Awareness in Ghana</i>	
Medical Physics audit of diagnostic medical imaging machines in Ghana	





## 2.8. Budget by Chart of Account

### 8 - Sub-Programme and Natural Account

**Entity:** 017 - Ministry of Environment Science and Technology

**Funding:** All Source of Funding

**Year:** 2025 | **Currency:** Ghana Cedi (GHS)

**Full Year Budget**

	2025	2026	2027	2028
01702002 - Nuclear Science And Space Science Technol	68,666,145	96,647,115	96,647,115	96,647,115
21 - Compensation of Employees [GFS]	29,416,927	29,043,115	29,043,115	29,043,115
22 - Use of Goods and Services	25,664,629	40,832,601	40,832,601	40,832,601
27 - Social benefits [GFS]	1,273,526	2,580,481	2,580,481	2,580,481
28 - Other Expense	2,623,833	7,228,177	7,228,177	7,228,177
31 - Non financial assets	9,687,230	16,962,740	16,962,740	16,962,740

# **BUDGET SUB-PROGRAMME SUMMARY**

## **PROGRAMME 2: RESEARCH AND DEVELOPMENT**

### **SUB-PROGRAMME 2.3: Commercialisation of Research**

#### **1. Budget Sub-Programme Objectives**

- To commercialize and transfer research results and technologies to end-users in order to enhance agricultural productivity, health delivery and industrialization.
- To generate revenue, to supplement government of Ghana funds for research.

#### **2. Budget Sub-Programme Description**

The CSIR is mandated by ACT 521 to pursue the implementation of scientific research and development and commercialisation of appropriate technologies in partnership with the Private Sector and other stakeholders for national development. Act 588 (2000) mandates the Ghana Atomic Energy Commission to pursue the commercial application of nuclear research in the areas of health, agriculture, industry and commerce.

This sub-programme promotes the commercialisation and application of scientific research in partnership with the Private Sector and other stakeholders for national development.



### 3. Budget Sub-Programme Results Statement

The table indicates the main outputs, its indicators and projections by which the Ministry measures the performance of this sub-programme. The past data indicates Budget performance whilst the projections are the Ministry's estimate of future performance.

Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
Nuclear Technologies commercialized	Number of technologies developed	3	0	3	0	3	3	3	3
Nuclear products and services including consultancy and training commercialized	Number of products, services offered	50	0	55	0	55	55	55	55

### 4. Budget Sub-Programme Operations and Projects

The table lists the main Operations and projects to be undertaken by the sub-programme

Operations	Projects
Create public awareness for Scientific and Technological products and services	Set up/strengthen commercialization units of CSIR institutes and at CSIR Corporate level
Undertake Science and Technology outreach programmes	Establishment of Grants/Projects offices in all 13 CSIR institutes
Develop contacts with potential users of S&T products and services	
Create awareness about the benefit of nuclear energy and potential hazards of radioactive materials and installations	
Create public awareness for Scientific and Technological products and services	



# BUDGET PROGRAMME SUMMARY

## PROGRAMME 3: ENVIRONMENT PROTECTION AND MANAGEMENT

### 1. Budget Programme Objectives

- To ensure better use of ecosystem services and natural resources, for purposes of poverty reduction and sustainable development; and
- To enhance the application of Act 490 and its regulations, to reduce environmental impacts, control environmental degradation and enhance restoration of degraded resources.
- To enhance the implementation of ACT 895, to provide for the regulation and management of activities and practices for the peaceful use of nuclear material or energy, radioactive material or radiation; to provide for the protection of persons and the environment against the harmful effects of radiation hazards; to ensure the effective implementation of the country's international obligations and for related matters.
- To coordinate the implementation of the Hazardous and Electronic Waste Control and Management Act (Act 917) and the Hazardous and Electronic Waste Control and Management Regulations (LI 2250).

### 2. Budget Programme Description

This programme aims at protecting and improving the environment in Ghana by ensuring that air, land and water are protected by everyone in today's society, so that tomorrow's generation inherit a cleaner and healthier world. In achieving the overall aim of managing and governing the environment this programme outlines activities and programmes that seek to:

- Create awareness of mainstream environment into the development process at the national, regional, district and community levels;
- Ensure that the implementation of environmental policy and planning are integrated and consistent with the country's desire for effective, long-term maintenance of environmental quality;
- Ensure environmentally sound and efficient use of both renewable and non-renewable resources in the process of national development;
- Guide development to prevent, reduce, and as far as possible, eliminate pollution and actions that lower the quality of life;
- Apply the legal processes in a fair and equitable manner to ensure responsible environmental behaviour in the country; and
- Continuously improve EPA's performance to meet changing environmental trends and community aspirations.
- Provide for the protection of persons and the environment against the harmful effects of radiation hazards
- Provide for the control, management and disposal of hazardous waste, electrical and electronic waste and for related purposes





The programme is delivered by the Environmental Protection Agency (EPA), E-waste Fund, and Nuclear Regulatory Authority (NRA) through their Departments and Units in collaboration with various government-funded organizations, Development Partners and the Ministry of Environment, Science, Technology and Innovation.

The programme is funded by the Government of Ghana, Internally Generated Funds and Development Partners.



# Report 2.6



# **BUDGET SUB-PROGRAMME SUMMARY**

## **PROGRAMME 3: ENVIRONMENTAL PROTECTION AND MANAGEMENT**

### **SUB-PROGRAMME 3.1: Environmental Compliance and Enforcement**

#### **1. Budget Sub-Programme Objective**

To undertake environmental assessment and ensure compliance with Act 490 and its regulations in order to avoid pollution and environmental degradation as well as stimulate sustainable development.

#### **2. Budget Sub-Programme Description**

This sub-programme is coordinated and implemented by the Environmental Protection Agency through the Environmental Quality, Manufacturing Industries, Mining, Natural Resources, Environmental Assessment and Audit, Petroleum, Built Environment and legal Departments as well as Chemicals Control and Management Centre.

This sub-programme is undertaken in collaboration with other stakeholders such as MDAs, MMDAs, Civil Society Organizations and the private sector. The Core areas of this sub-programme are:

- Providing technical advice on assessments;
- Compliance monitoring;
- Support identification and dissemination of best practices;
- Coordinating -activities associated with Environmental Assessment, compliance and enforcement;
- Environmental research and monitoring of air and water quality; and
- Management of chemicals, hazardous wastes (chemical and e-waste), pesticides and ozone depletion.



### 3. Budget Sub-Programme Results Statement

The table indicates the main outputs, its indicators and projections by which the Ministry measures the performance of this sub-programme. The past data indicates Budget performance whilst the projections are the Ministry's estimate of future performance.

Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget	Indicative	Indicative	Indicative
		Target	Actual	Target	Actual	Year 2025	Year 2026	Year 2027	Year 2028
Improved compliance with sector specific EA guidelines and standards.	Percentage of sectors covered by EA:								
	- oil and gas exploration,	100%	100%	100%	100%	100%	100%	100%	100%
	- agriculture	88%	72%	90%	74%	95%	96%	98%	98%
Operationalise the National Oil Spill Plan	Number of simulation exercises undertaken	1	1	1	1	1	1	1	1
Give approval (EA and EMP permits) to companies for them to comply with Environmental Assessment (EA) regulations	Number of permits issued	8,500	8,970	9,000	11,558	9,500	11,600	12,000	12,200
Sample and analyse level of pollution of effluent quality from industries	Number of industries monitored for effluent quality	120	131	145	132	165	185	190	195
Undertake annual compliance monitoring	Number of Annual compliance monitoring events:								
	Accra	8	5	9	6	10	10	11	11
	Other Regions	15	42	16	22	18	18	20	20
Monitoring of environmental indicators - air quality	Number of monitoring locations (Accra + regions)	28 sites	23 sites	30 sites	60 sites	35 sites	40 sites	45 sites	50 sites
Develop register on pesticides and industrial and	Copy of a completed Register	1	1	1	1	1	1	1	1



Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year	Indicative Year	Indicative Year	Indicative Year
		Target	Actual	Target	Actual	2025	2026	2027	2028
consumer chemicals for proper handling and labelling									
Carry out pesticides/ industrial chemicals post registration and licensing/compliance monitoring and surveillance	Number of monitoring undertaken	10	26	10	38	10	10	15	15
Monitor industries to ensure the use of bio-oxo degradable additives in the manufacture of flexible Plastics	Number of industries monitored	36	37	37	37	37	37	37	37
Incorporate climate change issues into sector medium term plans	Number of sectors with climate change mitigation and adaptation strategies	13	11	15	11	15	15	15	15



#### 4. Budget Sub-Programme Operations and Projects

The table lists the main Operations and projects to be undertaken by the sub-programme.

Operations	Projects
Environmental Compliance and Enforcement (EIA Administration)	Renovations and purchase of office equipment
Environmental Education and Awareness Creation	Solar equipment at the Head office and Regional offices
Environmental Quality Monitoring (Air Quality, Effluent Quality, Vehicular)	Office equipment & Office supplies
Construction of new Regional and Area offices and Rehabilitation of existing ones	Logistics
Climate Change	Africa Environment Health and Pollution Management Program
Sustainable Land management activities	Ghana Landscape Restoration and Small-Scale Mining Project
Human Resource Development	
Logistics	
Administration	
Ghana Environmental Information Systems (Automation process)	
Land and water management programmes (Work with all stakeholders including traditional Authorities, MMDA's and security agencies to assist in curbing the galamsey menace),	
Ghana Environmental Information Systems (Automation process)	





## 2.8. Budget by Chart of Account

### 8 - Sub-Programme and Natural Account

**Entity:** 017 - Ministry of Environment Science and Technology

**Funding:** All Source of Funding

**Year:** 2025 | **Currency:** Ghana Cedi (GHS)

**Full Year Budget**

	2025	2026	2027	2028
<b>01703001 - Environmental Compliance And Enforceme</b>	<b>230,299,252</b>	<b>359,912,429</b>	<b>359,912,429</b>	<b>359,912,429</b>
21 - Compensation of Employees [GFS]	109,702,108	109,702,108	109,702,108	109,702,108
22 - Use of Goods and Services	69,371,283	138,258,745	138,258,745	138,258,745
27 - Social benefits [GFS]	4,694,726	7,319,726	7,319,726	7,319,726
28 - Other Expense	180,872	4,671,754	4,671,754	4,671,754
31 - Non financial assets	46,350,262	99,960,095	99,960,095	99,960,095



# **BUDGET SUB-PROGRAMME SUMMARY**

## **PROGRAMME 3. ENVIRONMENTAL PROTECTION AND MANAGEMENT**

### **SUB-PROGRAMME 3.2: Environmental Education, Information and Communication**

#### **1. Budget Sub-Programme Objective**

To improve comprehension of environmental concerns through raising awareness in the media and by means of environmental education and community-driven initiatives.

#### **2. Budget Sub-Programme Description**

The EPA as part of its core mandates as stated in Act 490 is enjoined to create awareness on environmental challenges facing the nation thereby ensuring that the environment is mainstreamed into every development process either at the national, regional, and district or community level. This sub-program is aimed at sensitizing citizens to take charge of their environment in order to promote sustainable use of every natural resource. The core areas of this sub-programme are:

- Stimulate environmental education in formal & non-formal education systems;
- Develop supportive materials for educational institutions;
- Stimulate community environmental initiatives and programmes; and
- Ensure effective use of available environmental information and data.

These activities are coordinated under the auspices of the Environmental Protection Agency with the following departments as the key implementers:

- Education Department;
- Environmental Information and Data Management Department;
- Public Affairs Department;
- Chemicals Control and Management Centre; and
- EPA Training School.

The Media, Academic and Research Institutions collaborate with these departments in executing the above activities.



### 3. Budget Sub-Programme Results Statement

The table indicates the main outputs, its indicators and projections by which the Ministry measures the performance of this sub-programme. The past data indicates Budget performance whilst the projections are the Ministry's estimate of future performance.

Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
E-waste recyclers trained on sustainable management of e-waste	Number of trainings undertaken.	8	7	10	4	10	12	14	16
Stakeholders trained on pesticide regulation and safe/judicious use of pesticides.	Number of training exercises undertaken on safe handling of pesticides	10	0	12	22	12	14	16	18

### 4. Budget Sub-Programme Operations and Projects

The table lists the main Operations and projects to be undertaken by the sub-programme.

Operations	Projects
Environmental protection and Education	Computers and accessories
Environmental Education and Awareness Creation	Vehicles
Ghana Environmental Information System (including automation of the Agency's processes and activities)	



# **BUDGET SUB-PROGRAMME SUMMARY**

## **PROGRAMME 3. ENVIRONMENTAL PROTECTION AND MANAGEMENT**

### **SUB-PROGRAMME 3.3 Enforcement and Compliance of Ionizing and Non-Ionizing Radiation**

#### **1. Budget Sub-Programme Objective**

To ensure the protection of humans and the environment from the harmful effects of radiation.

#### **2. Budget Sub-Programme Description**

The NRA Act 895, established the Nuclear Regulatory Authority in 2016 to provide for the regulation and management of activities and practices for the peaceful use of nuclear material or energy, radioactive material or radiation;

This sub-programme seeks to provide for the protection of persons and the environment against the harmful effects of radiation hazards; to ensure the effective implementation of the country's international obligations and for related matters. Core functions include;

- Regulate the introduction of radiation sources, nuclear materials, equipment or practices that expose workers, patients, the public and the environment to radiation.
- Issue, modify, suspend or revoke authorization and determine conditions for authorisation.
- Regulate research on radiation and nuclear safety and security, and of radioactive waste matters.
- Regulate the use of radioactive materials in the exploration, exploitation and extraction of oil and gas, and the mining and milling of radioactive ores and other ores associated with radioactive and nuclear materials.
- Define the detailed obligations to be placed on persons who possess radiation sources and nuclear materials, including financial conditions.
- Establish and maintain a national register of radiation sources and of persons authorised to carry out any activity or practice related to a source of radiation.
- Collect information, documents and views from private and public organisations or persons as may be necessary and appropriate for the discharge of its functions.
- Collaborate with agencies responsible for emergency to establish plans and procedures for coping with any radiological emergency and abnormal occurrence involving a nuclear material, radiation source or any other radioactive source.
- Ensure that the operators provide training, information and guidance on nuclear safety, security and safeguards and radiation protection of the public.



- Educate the public on nuclear and radiation matters.
- Establish regional and other offices as it may consider necessary for the proper performance of its functions.
- Facilitate the conduct of inspections by designated inspectors of the International Atomic Energy Agency to verify design information, inspections and complementary access as provided for in the safeguards agreement and the additional protocols.
- Collect, collate and provide information to the International Atomic Energy Agency in accordance with the safeguards agreement and any additional protocols to the agreement.
- Exchange information and co-operate with regulatory authorities of other countries and relevant international organizations on matters of nuclear safety, nuclear security and safeguards.
- Collaborate with the Environmental Protection Agency to identify activities and practices that may require Environmental Impact Assessment and develop environmental guidelines for those activities and practices.
- Ensure that the polluter pays principle is applied in the management of nuclear and radioactive waste in the country.
- Review nuclear safety assessment and safety analysis reports from authorised persons;



### 3. Budget Sub-Programme Results Statement

The table indicates the main outputs, its indicators and projections by which the Ministry measures the performance of this sub-programme. The past data indicates Budget performance whilst the projections are the Ministry's estimate of future performance.

Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
Users of radiation complying with provisions of the regulations and guidance documents	Number of users of radiation applying the regulations and guidance documents	240	430	300	557	350	400	450	500
Up-to-date National register of radiation sources and of persons authorized to carry out any activity or practice related to a source of radiation.	Number of new equipment added to the register	120	103	120	132	120	120	120	120
Compliance by users of radiation sources and devices to Regulatory Requirements	Number of radioactive sources and devices authorised	950	590	700	553	750	800	850	900
	Number of permits issued	240	357	250	334	260	270	280	290
Non-compliance issues Resolved	Number of enforcement notices issued	39	12	40	4	42	44	48	50



#### 4. Budget Sub-Programme Operations and Projects

The table lists the main Operations and projects to be undertaken by the sub-programme

Operations	Projects
Design Concept for NRA Office Complex	Acquire ICT infrastructure
Train staff in specialised areas (ionizing and non-ionizing radiation, public administration/management, etc.) in local and foreign institution	Acquire office equipment
Development and promulgation of regulations on nuclear materials and facilities, radiation emitting devices, and radioactive materials	Purchase of Laboratory Equipment
Nationwide regulatory inspections to ensure compliance with regulatory requirements	Acquire a cross-country vehicle and a saloon car for regulatory and administrative activities
Administration and payment of utilities	Major renovation of Support Centre building
Media and Public Education	Acquire a comprehensive computer software for the Authority
	Acquisition of motor vehicle





## 2.8. Budget by Chart of Account

### 8 - Sub-Programme and Natural Account

**Entity:** 017 - Ministry of Environment Science and Technology

**Funding:** All Source of Funding

**Year:** 2025 | **Currency:** Ghana Cedi (GHS)

**Full Year Budget**

	2025	2026	2027	2028
<b>01703003 - Enforcement and Compliance of ionizing a</b>	<b>18,149,267</b>	<b>33,096,961</b>	<b>33,096,961</b>	<b>33,096,961</b>
21 - Compensation of Employees [GFS]	8,890,345	16,986,034	16,986,034	16,986,034
22 - Use of Goods and Services	5,952,623	9,906,680	9,906,680	9,906,680
27 - Social benefits [GFS]	476,149	791,976	791,976	791,976
31 - Non financial assets	2,830,149	5,412,271	5,412,271	5,412,271

# **BUDGET PROGRAMME SUMMARY**

## **PROGRAMME 5: BIOTECHNOLOGY DEVELOPMENT**

### **1. Budget Programme Objectives**

- To promote public awareness, participation and education concerning the activities of the Authority.
- To liaise with any other agency or international organisations concerned with biotechnology and biosafety.
- To receive, process, respond to and make decisions on biosafety applications.

### **2. Budget Programme Description**

The Biotechnology Development programme ensures an adequate level of protection in the field of safe development transfer, handling and use of genetically modified organisms resulting from biotechnology that may have an adverse effect on health and the environment. This programme, which is implemented by the National Biosafety Authority (NBA) is responsible for:

- Receiving, processing, responding to and making decisions on biosafety applications;
- Establishing administrative mechanisms to ensure the appropriate handling and storing of documents and data in connection with the processing of applications and any other matters;
- Acting as the national focal point responsible for liaising with any other agency or international organisations concerned with biotechnology and biosafety and
- Promoting public awareness, participation and education concerning the activities of the Authority.







## 2.6 Budget by Chart of Account

### 6.0- Programme, Sub-Programme and Natural Account Summary

**Entity:** 017 - Ministry of Environment Science and Technology

**Funding:** All Source of Funding

**Year:** 2025 | **Currency:** Ghana Cedi (GHS)

**Full Year Budget**

	2025	2026	2027	2028
<b>01705 - Biosafety Development</b>	<b>1,292,546</b>	<b>2,162,230</b>	<b>2,162,230</b>	<b>2,162,230</b>
<b>01705001 - Biotechnology Regulation</b>	<b>1,292,546</b>	<b>2,162,230</b>	<b>2,162,230</b>	<b>2,162,230</b>
21 - Compensation of Employees [GFS]	217,753	226,192	226,192	226,192
22 - Use of Goods and Services	863,628	1,639,002	1,639,002	1,639,002
27 - Social benefits [GFS]	25,000	25,000	25,000	25,000
31 - Non financial assets	186,166	272,036	272,036	272,036

# **BUDGET SUB-PROGRAMME SUMMARY**

## **PROGRAMME 5: BIOTECHNOLOGY DEVELOPMENT**

### **SUB-PROGRAMME 5.1: Biosafety Regulation**

#### **1. Budget Sub-Programme Objectives**

- To effectively regulate the production and transfer of genetically modified organisms (GMOs).
- To educate the general public on biosafety issues.

#### **2. Budget Sub-Programme Description**

This sub-programme looks at regulating the activities of agencies and organisations that apply the principles of biosafety. This sub-programme is also responsible for implementing the Biosafety Act.

Major Operations to be undertaken include, to:

- Regulate the production and transfer of genetically modified organisms and
- Educate the general public on biosafety issues.



### 3. Budget Sub-Programme Results Statement

The table illustrates the main outputs, their associated indicators, and the forecasts used by the Ministry to evaluate the performance of this sub-program. Historical data represents the budgetary performance, while the projections reflect the Ministry's anticipated future performance.

Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
Number of approvals issued for non GMO status	Number of decisions made on non-GMO use	4	1	7	0	10	10	10	10
Monitoring and Inspection of GMOS use activities	Number of monitoring and inspections reports generated	6	2	6	4	8	8	10	10
Application reviewed on GMO use	Number of decisions on GMO use	4	2	8	0	10	10	10	10
Personnel trained in Biosafety	Number of reports submitted on trainings conducted	10	12	10	7	10	10	15	10
Biosafety public education conducted	No. of Reports on public education conducted	10	0	10	9	10	15	10	15
Construction of NBA office completed	Percentage of completion	70%	0%	100%	0%	100%	-	-	-
Number of approvals issued for GMO status	Number of decisions made on GMO use	4	2	2	16	4	6	6	6



#### 4. Budget Sub-Programme Operations and Projects

The table lists the main operations and projects to be undertaken under the programme

Operations	Projects
Receive, review and make decisions on Biosafety applications on GMO use.	Develop Architectural Plans and walling of NBA office land.
Facilitate activities of the Technical Advisory Committee, and the Appeals Tribunal	Complete GMO detection laboratory
Initiate Institutional Biosafety Committee establishment drive	Construction of molecular biology laboratory
Conduct monitoring and inspection of GMO use activities	Acquisition of office equipment
Promote public education, sensitization and participation on biosafety	
Develop and print public educational materials	
Conduct meetings, workshops and conferences on Biosafety	
Training of personnel on emerging issues on Biosafety	
Human Resource Development	
Management and Administration	





## 2.8. Budget by Chart of Account

### 8 - Sub-Programme and Natural Account

**Entity:** 017 - Ministry of Environment Science and Technology

**Funding:** All Source of Funding

**Year:** 2025 | **Currency:** Ghana Cedi (GHS)

**Full Year Budget**

	2025	2026	2027	2028
<b>01705001 - Biotechnology Regulation</b>	<b>1,292,546</b>	<b>2,162,230</b>	<b>2,162,230</b>	<b>2,162,230</b>
21 - Compensation of Employees [GFS]	217,753	226,192	226,192	226,192
22 - Use of Goods and Services	863,628	1,639,002	1,639,002	1,639,002
27 - Social benefits [GFS]	25,000	25,000	25,000	25,000
31 - Non financial assets	186,166	272,036	272,036	272,036



# 1.6. Appropriation Bill

Summary of Expenditure by Cost Center, Economic Item and Funding

Entity: 017 - Ministry of Environment Science and Technology  
Year: 2025 | Currency: Ghana Cedi (GHS)  
Full Year Budget

	GoG				IGF				Funds / Others			Donors			Grand Total
	Compensation of employees	Goods and Services	Capex	Total	Compensation of employees	Goods and Services	Capex	Total	Statutory	ABFA	Others	Goods and Services	Capex	Total	
017 - Ministry of Environment Science and Technology	452,445,220	12,822,745	110,000,000	575,267,965	139,050,786	149,991,171	71,388,484	360,430,441				25,102,000	24,450,000	49,552,000	985,250,406
01701 - Headquarters	1,836,531	4,449,575	110,000,000	116,286,107								25,102,000	24,450,000	49,552,000	165,838,107
0170101 - Finance and Administration	1,836,531	179,755	110,000,000	112,016,286								25,102,000	24,450,000	49,552,000	161,568,286
0170101001 - Admin Office	1,836,531	179,755	110,000,000	112,016,286								25,102,000	24,450,000	49,552,000	161,568,286
0170102 - Science and Technology Directorate		4,096,703		4,096,703											4,096,703
0170102001 - Science and Technology Office		4,096,703		4,096,703											4,096,703
0170103 - Policy, Planning, Monitoring and Evaluation		57,706		57,706											57,706
0170103001 - PPME Office		57,706		57,706											57,706
0170104 - RSIM Directorate		35,511		35,511											35,511
0170104001 - RSIM Office		35,511		35,511											35,511
0170105 - Human Resource Directorate		44,389		44,389											44,389
0170105001 - Human Resource Office		44,389		44,389											44,389
0170106 - Environment Directorate		35,511		35,511											35,511
0170106001 - Environment Office		35,511		35,511											35,511
01702 - Environmental Protection Agency	41,688,815			41,688,815	139,050,786	74,170,421	46,350,262	259,571,470							301,260,285
0170201 - Head Office	41,688,815			41,688,815	139,050,786	74,170,421	46,350,262	259,571,470							301,260,285
0170201001 - Gen. Admin Office	41,688,815			41,688,815	139,050,786	74,170,421	46,350,262	259,571,470							301,260,285
01704 - Ghana Atomic Energy Commission (G.A.E.C)	89,253,198	7,745,646		96,998,844		21,951,944	10,640,073	32,592,017							129,590,861
0170401 - Head Office	47,223,248	7,745,646		54,968,894		11,105,400	7,179,980	18,285,380							73,254,274
0170401001 - Admin Office	47,223,248	7,745,646		54,968,894		11,105,400	7,179,980	18,285,380							73,254,274
0170402 - National Nuclear Research Institute (N.N.R.I.)	8,865,460			8,865,460		1,612,851	1,031,008	2,643,859							11,509,318
0170402001 - N.N.R.I. Office	8,865,460			8,865,460		1,612,851	1,031,008	2,643,859							11,509,318
0170403 - Biotechnology and Nuclear Research Institute (B.N.R.I.)	12,531,348			12,531,348		1,299,498	556,924	1,856,422							14,387,770
0170403001 - B.N.R.I Office	12,531,348			12,531,348		1,299,498	556,924	1,856,422							14,387,770
0170404 - Radiation Protection Institute (R.P.I)	4,841,622			4,841,622		3,780,979	74,269	3,855,248							8,696,871
0170404001 - R.P.I. Office	4,841,622			4,841,622		3,780,979	74,269	3,855,248							8,696,871



# 1.6. Appropriation Bill

Summary of Expenditure by Cost Center, Economic Item and Funding

Entity: 017 - Ministry of Environment Science and Technology  
Year: 2025 | Currency: Ghana Cedi (GHS)  
Full Year Budget

	GoG				IGF				Funds / Others			Donors			Grand Total
	Compensation of employees	Goods and Services	Capex	Total	Compensation of employees	Goods and Services	Capex	Total	Statutory	ABFA	Others	Goods and Services	Capex	Total	
0170405 - School of Nuclear and Allied Sciences	3,287,811			3,287,811		3,001,059	1,304,055	4,305,114							7,592,924
0170405001 - School of Nuclear and Allied Sciences Office	3,287,811			3,287,811		3,001,059	1,304,055	4,305,114							7,592,924
0170406 - Radiological and Medical Sciences Research Institute	5,237,750			5,237,750		384,532	164,800	549,332							5,787,081
0170406001 - Radiological and Medical Sciences Research Institute Office	5,237,750			5,237,750		384,532	164,800	549,332							5,787,081
0170407 - Nuclear Power Institute	2,795,759			2,795,759		31,180	13,363	44,543							2,840,303
0170407001 - Nuclear Power Institute ffcie	2,795,759			2,795,759		31,180	13,363	44,543							2,840,303
0170408 - Ghana Space and Tech. Inst.	4,470,201			4,470,201		736,446	315,674	1,052,120							5,522,321
0170408001 - Ghana Space and Tech. Inst Office	4,470,201			4,470,201		736,446	315,674	1,052,120							5,522,321
01705 - Office of the E-waste Fund Administrator	1,903,205	76,460		1,979,665		3,897,563	637,911	4,535,474							6,515,139
0170501 - Gen. Admin	1,903,205	76,460		1,979,665		3,897,563	637,911	4,535,474							6,515,139
0170501001 - Admin Office	1,903,205	76,460		1,979,665		3,897,563	637,911	4,535,474							6,515,139
01750 - Council for Scientific and Industrial Research (CSIR)	308,655,373	227,944		308,883,317		42,976,962	10,743,923	53,720,884							362,604,201
0175001 - Head Office	30,009,022	38,644		30,047,666		42,976,962	10,743,923	53,720,884							83,768,550
0175001001 - General Administration	30,009,022	38,644		30,047,666		42,976,962	10,743,923	53,720,884							83,768,550
0175002 - Crops Research Institute	26,920,480	23,124		26,943,604											26,943,604
0175002001 - Admin Office	26,920,480	23,124		26,943,604											26,943,604
0175003 - Animal Research Institute	20,271,978	15,267		20,287,245											20,287,245
0175003001 - Admin Office	20,271,978	15,267		20,287,245											20,287,245
0175004 - Soil Research Centre	4,208,976			4,208,976											4,208,976
0175004001 - Admin Office	4,208,976			4,208,976											4,208,976
0175005 - Building , Road and Research Institute	11,179,555	14,600		11,194,155											11,194,155
0175005001 - Admin Office	11,179,555	14,600		11,194,155											11,194,155
0175006 - Food Research Institute	19,755,215	13,636		19,768,851											19,768,851
0175006001 - Admin Office	19,755,215	13,636		19,768,851											19,768,851
0175007 - Institute of Industrial Research	35,570,588	12,004		35,582,592											35,582,592
0175007001 - Admin Office	35,570,588	12,004		35,582,592											35,582,592



# 1.6. Appropriation Bill

Summary of Expenditure by Cost Center, Economic Item and Funding

Entity: 017 - Ministry of Environment Science and Technology  
Year: 2025 | Currency: Ghana Cedi (GHS)  
Full Year Budget

	GoG				IGF				Funds / Others			Donors			Grand Total
	Compensation of employees	Goods and Services	Capex	Total	Compensation of employees	Goods and Services	Capex	Total	Statutory	ABFA	Others	Goods and Services	Capex	Total	
0175008 - Water Research Institute	26,680,884	16,083		26,696,967											26,696,967
0175008001 - Admin Office	26,680,884	16,083		26,696,967											26,696,967
0175009 - Oil Palm Research Institute	17,037,080	13,913		17,050,992											17,050,992
0175009001 - Admin Office	17,037,080	13,913		17,050,992											17,050,992
0175010 - Savana Agricultural Research Institute	29,431,602	18,066		29,449,668											29,449,668
0175010001 - Admin Office	29,431,602	18,066		29,449,668											29,449,668
0175011 - Science & Tech Policy Research Institute	7,967,774	10,372		7,978,147											7,978,147
0175011001 - Admin Office	7,967,774	10,372		7,978,147											7,978,147
0175012 - Forestry Research Institute of Ghana	19,583,617	14,452		19,598,069											19,598,069
0175012001 - Admin Office	19,583,617	14,452		19,598,069											19,598,069
0175013 - Plant Genetic Resource Research Institute	11,024,938	12,004		11,036,943											11,036,943
0175013001 - Admin office	11,024,938	12,004		11,036,943											11,036,943
0175014 - Institute of Science and Technology Information	9,038,551	11,236		9,049,787											9,049,787
0175014001 - Institute of Science and Technology Information Office	9,038,551	11,236		9,049,787											9,049,787
0175015 - Soil Research Institute	14,119,772	14,544		14,134,316											14,134,316
0175015001 - Admin Office	14,119,772	14,544		14,134,316											14,134,316
0175016 - Ghana Grains and Development Project	22,446,616			22,446,616											22,446,616
0175016001 - Admin Office	22,446,616			22,446,616											22,446,616
0175017 - Roots and Tuber Project	3,408,724			3,408,724											3,408,724
0175017001 - Admin Office	3,408,724			3,408,724											3,408,724
01751 - National Biosafety Authority (NBA)	217,753	143,964		361,717		744,664	186,166	930,829							1,292,546
0175101 - General Admin	217,753	143,964		361,717		744,664	186,166	930,829							1,292,546
0175101001 - Admin Office	217,753	143,964		361,717		744,664	186,166	930,829							1,292,546
01752 - Nuclear Regulatory Authority	8,890,345	179,156		9,069,501		6,249,617	2,830,149	9,079,766							18,149,267
0175201 - Gen. Admin	8,890,345	179,156		9,069,501		6,249,617	2,830,149	9,079,766							18,149,267
0175201001 - Admin Office	8,890,345	179,156		9,069,501		6,249,617	2,830,149	9,079,766							18,149,267



## **PART C: PUBLIC INVESTMENT PLAN (PIP)**



## PUBLIC INVESTMENT PLAN (PIP) FOR ON-GOING PROJECTS FOR 2025

**MDA: Ministry of Environment, Science and Technology**

**Funding Source: GoG**

**Budget Ceiling:**

**110,000,000**

#	Code	Project	2025
1	1424003	Equipment Sourcing, Delivery, Instl, & Commissioning(Ph 2)-MUGA	76,907,104
2	1424007	Const of Machine Tooln Cntr & Pattern Shop(Ph 2&3)of Foundry Pj,Atomic	21,293,407
3	1424005	Eqpt Sourcn,Delivry,Instl&Comm.Ph2 (Cnslt'ys,Port Taxes&Hndln Chrges)	6,217,897
4	0124053	Rehabilitation of Office block	4,000,000
5	1424006	Eqpt Sourcing, Delivery, Instl, & Commissioning (Ph II) (OTTOJUNKER)	1,581,593

**Note: The difference between the Annual Ceiling and the Total Allocation for Projects for the financial year is earmarked for Non infrastructure Capex. i.e. Vehicles, Computers, Furniture, etc**