

# Ghana's SDG Budgeting Manual 2018



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### Introduction

This manual describes how SDG targets has been included in Ghana's Chart of Account (CoA), and how the reporting of SDG funding should be secured by various Ministries, Departments and Agencies (MDAs) when reporting on their module in the national budget. It explains how policy objectives now shall be tracked as SDG targets in Hyperion, The Budget Module of the Ghana Integrated Financial Management Information System (GIFMIS).

The national budget provides a profound measure of governments' actual commitment to the goals, while information on actual spending shows whether governments have followed through on the planned budget expenditure or not. Reporting on the SDG financing in the budget is, therefore, of great importance in order to meet the Global Goals as a nation and to communicate progress to the global community. With this understanding, Ministry of Finance set out to develop a SDG budget baseline report for the 2018 budget.

In the process of developing this report it became evident that the existing coding of the budget, did not provide all the information required to efficiently track the SDG targets. It became clear that a methodology for tracking

<sup>1</sup> As far as we know, only Mexico had developed a national SDG

SDG allocations and spending had to be established. The report itself was developed as a template for future annual SDG budget reports.

The report concluded on 11 recommendations to further improve the SDG budgeting process, including tracking

budgeting process at the time Ghana started hers.



Diagramme: Amankwah-Poku, Alex

SDG allocations and spending's. The second recommendation reads: "Redesign the budget system to enable the tracking of all SDG allocations and funding. Specifically, it is recommended that the "policy objectives" be aligned with the SDGs targets" (MoF 2018: 45). This process started upon the completion of the report, with a series of workshops at Ministry of Finance arranged for its budget division to discuss and plan the integration of the SDGs in the budgeting process, and the possibility of recoding policy objectives. A team made up of the **Budget Technical Assistance and Support Unit** and the SDG office was tasked to do the actual re-coding. This manual describes what has been done, and how the ned adjustments should be applied.

Targeted budgeting for development goals is a novelty, not just in Ghana but to most other countries.<sup>1</sup> During the era of the Millennium Development Goals (MDGs), the budget statement only included a section that reported on the progress in achieving the MDGs goal-bygoal. As the analysis was presented at an aggregated level, it did not reflect the connection with budget allocations, which were provided at Budget Programme level (IBM, 2017). The SDGs are also often referred to at a goal-by-goal level, however, it is only by tracking all allocations and spending at the target-level that we can track actual financial development at policy level.

> The purpose of this manual is three-folded; i) to secure transparency in the budgeting process by documenting the process undertaken, ii) provide a user manual for the MDA's, and iii) to engage with other nations and institutions on further development of SDG budgeting and tracking systems.

## Including the SDG targets to the CoA

### Applied strategy

This section describes the methodology applied in responding to the second recommendation of the SDG Budget Baseline Report: *"Redesign the budget system to enable the tracking of all SDGs allocations and funding. Specifically, it is recommended that the "policy objectives" should be aligned with the SDGs' targets."* 

When this process started, efforts for improving budget credibility were already in place, and geared towards an improvement in budgetary, financial management and reporting processes. A proactive approach was adopted to include SDG targets within the constraints of internal approval processes and defined scope, to ensure compatibility with the Government of Ghana's Budget Managing System (Hyperon), and to manage system risks.

Key stakeholders agreed that aligning the policy objective segments of the Chart of Accounts (CoA), with SDG targets was commendable and an important step to track the financing of SDG targets. These stakeholders included representatives from key institutions such as National Development Planning Commission (NDPC); the Controller and Accountant's General's Department (CAGD); the Ministry of Finance (Budget Division), Statistical Service; as well as SDG focal persons and advisors. Ghana's CoA, is a coding system for classifying government budget. The CoA was developed as a legal requirement and takes into consideration current and future business needs. It is in line with international best practices (GFS<sup>2</sup>, COFOG<sup>3</sup>). CoA is the

cornerstone of the Ghana Integrated Financial Management Information System (GIFMIS), and the Budget Management System (Hyperion) providing an integrated system for the planning and implementation of the National Budget. The CoA is made up of 12 segments with a total size of 74 digits / characters:

A Policy Objective Segment in the CoA has 6 digits. A segment identifies the objective of economic variables as defined by NDPC. Currently the policy objective segment is coded according to government policies as presented in the National Development Planning Framework (2018-2021) in order to be tracked. This is also the implementation framework of the President's Coordinated Programme of Economic and Social Development (CP), prepared by NDPC, and reflects the SDGs. The decision was therefore to use the same policy objective segment for the SDG budgeting.

Seg.	Description	Size	Range
1	Institution	3	001-999
2	Funding	5	01001-99999
3	Functions of Govt.	5	70101-79999
4	Organization	10	0010101001 - 99999999999
5	Policy Objectives	6	000001 – 999999
6	Prog/Sub Program	8	0000001 - 99999999
7	Project	7	0000001 - 9999999
8	<b>Operation</b> /Activity	6	000001 - 999999
9	Location	7	0101101 – 9999999
10	Spare 1	6	000001 - 999999
11	Spare2	4	000001 - 999999
12	Natural Account	7	1000001 - 9999999
	Total	74	

#### The Ghana Chart of Accounts

<sup>&</sup>lt;sup>2</sup> Government Financial Statistics (IMF, 2014)

<sup>&</sup>lt;sup>3</sup> Classifications of the functions of government (Socio-economic activities of govt. as classified under OECD countries

### The Mapping Process How SDG targets has been linked to Policy Objective

The National Development Planning Framework consists of five thematic areas these are: Social Development, Environment, Infrastructure & Human Settlements, Governance Corruption & Public Accountability, and Ghana & the International Community (International Affairs). Each thematic area consisting of a set of focus areas, which consist of a set of policy objectives. The chart below gives an example of how the themes, focus areas and key policy objectives are linked



The linking of the SDG targets to the Policy Objectives was a manual process in four stages. These four stages were:

- i. Linking SDGs to Policy Objectives
- ii. Aligning SDG Targets to Policy Objectives
- Ensuring targets were unique to the Policy Objectives and trimmed descriptions
- iv. Coding trimmed targets and loading them onto GIFMIS

The team work together, using excel as a tool to coordinate the mapping, matching policy objectives to the 169 SDG targets. The alignments revealed that there were many-toone relationships between the SDG targets and policy objectives. In other words, one SDG target could match more than one policy objective, and

It is therefore of outmost importance that each MDA carefully select the relevant target, if there is more than one standing out, after selecting policy

objective, when uploading its budget in Hyperion.

The final adjustment was to trim the SDG targets descriptions to a maximum of 80 characters in order to fit into the designated space in the Hyperion system. Each target has kept its number as presented by the UN, in order to make it easy to detect. Below we present the whole matrix, with the final deliverable in the linkage and the trimmed descriptions, to be used for guidance when identifying the right target. Appendix "Matrix Document" presents an overview and the link between policy theme, focus areas, key policy objectives, SDG targets and the trimmed version of the targetsvice versa The enforcement of the many-to-one relationships is an important feature of the dimensional schema in the database relationship with Hyperion.

However, the relations were converted into a unique (one-to-one) relationship, so that each SDG target could be linked to the policy objective closest to it as much as possible. There is, however no repletion of targets, they only appear once. Still there are several instances where one policy objective have a number of SDG targets.

Linked the SDGs to the Policy Objectives Aligned the Linking SDG Targets to the Policy SDGs to Objectives Ensured Targets were Budget unique (1-1 relationship) to the Policy Objectives Coded the and trimmed trimmed descriptions targets and Loaded onto GIFMIS

### **Coding of the SDG targets**

First, the structure of the policy objective code was re-arranged to build the SDG targets into the coding mechanism. The first two digits of the 6digit total policy objective segment, was used to identify the Key Focus area as defined by NDPC, the next two digits was (ALREADY?) identified and coded to represent the policy objective and the last two digits was reserved to identify the SDG target.

#### XX – Key Focus Area XX – Policy Objective XX – SDG Target

This arrangement, enables the Government to represent its budget along the lines of the Key Focus areas, Policy Objectives as well as SDG targets (and possibly other dimensions such as by Programmes and sub-programmes as represented in the CoA of Ghana). Given the challenges associated with reporting along the lines of the SDGs, this approach allowed using left capacity within Hyperion. The targets were given unique codes in CoA to be used for budgeting reflected in Hyperion. As such it secures the maintenance of the Hyperion Dimensions. Consequently, the SDG targets can now be tracked more efficiently as far as Ghana's performance on the SDGs are concerned.

This coding/mapping the new allows better track Government to budgetary allocations for SDG projects and programs within the national policy objectives, providing accounts for transactions, managing and controlling SDG expenditures. Also, this recoding will enable the Government to report both nationally and globally on SDGs financing through the national budget, as well as on policy objectives, and programme/sub programmes. The goal now is to ensure that the mapping is institutionalized as part of normal practice up until 2030

## Linking GoG budget to SDG targets in Hyperion A step by step guide

This section provides a step-by-step guide to the efficient usage and selection of the Medium-Term National Development Policy Framework (MTNDPF) and the associated SDG targets in the national financial system.<sup>4</sup> The alignment of the

The model below shows how the SDGs are connected to the MTNDPF. It shows the main

SDGs to the Policy Matrix has been described above. Following each step as described below would enable users of the budget module to be able to manage finances while cognisant of the SDGs.

reference document as it forms the base of the document in process two (The full matrix is

<sup>&</sup>lt;sup>4</sup> The MTNDPF is the implementation framework for the President's Coordinated Programme, guiding the overall economic and social development of the country. This was developed in accordance with Section 1 of the National Development Planning

<sup>(</sup>System) Act, 1994 (Act 480) and Section 10 of the Public Financial Management Act, PFM Act, 2016 (Act, 921).

presented at the end of this document, and will be referred to as the "matrix-document"). The various steps below highlights how to successfully interpret and assign cost to the Policies (SDG targets) within the Government's Financial systems.



Figures and description by Nana Yaw Minta Botwe

#### Step 1

Using the matrix document, select your Key focus and MTNDPF Polices.



NB: The Key Focus areas and Policies are the same in the MTNDPF

#### Step 2

The identified Policies in step one have been mapped to one or more SDG targets without duplicates to avoid errors in aggregations.



There are scenarios where MTNDPF policies are not aligned or Mapped to an SDG target. In such scenarios the MTNDPF policy is repeated as at the policy objective (CoA) hierarchy. The Policy Objective (CoA) is the lowest level of the policy segment of the chart of account. Budget is captured at the lowest level for government financial systems.

#### Step 3

The Identified Policy Objective (CoA) in step two has been trimmed to meet the requirement of the budget system.

Table 1	. Mapped	MTNDPF	to SDG	Targets.
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KEY FOCUS	MTNDPF POLICY	POLICY OBJECTIVE(CoA)	Trimmed and Coded Policy Objective (CoA)
1. STRONG AND RESILIENT ECONOMY	1.1 Enhance monetary discipline and financial stability	17.13 Enhance global macroeconomic stability, including through policy coordination and policy coherence	17.13 Enhance global macro, incl thru policy coordinatn & coherence

In the example above (Table 1) SDG target 17.13 has been aligned to MTNDPF Policy 1.1. This Target (17.3) exceeds the required character size of the national budget system and as such has been trimmed as shown above.

#### Step 4

The National Budget system can report on all the various columns presented in Table 1 using the hierarchies described in previous sections.

Users, after uploading their budget, will be required to complete a final task on the Budget System.

The Map Programmes, Operation and Policy task is very critical for the budget process. Users can identify this task as part of the Task list on the National Budget System (Diagram 4).



On this task, user budget data on programs and operations will be displayed as shown below.

		Policy ?	
00403001- SP3.1 Regional Administration and Coordination	085101 - Internal management of the organisation		~
	085206 - Manpower Skills Development		
	085701 - Management and Monitoring Policies, Pro		

The identified trimmed Policy Objective from step three will be mapped to form the above. The use of keywords in the identified trimmed policy objective will makes it easier to identify Objectives and reduce the time required in searching for Policies as well.

#### Search using keywords "global ma"

	Policy ?		
			-
Entries			×
Search	global ma		
Name			
130101	- 17.13 Enhance global r	macro, incl thru policy	соо

Users will be required to click on the Save button in the ribbon after successfully completing the task (Diagram 6).

#### Save the selected Policy



When clicking of the save button, users would have completed the map programme, operation and policy task on the Budget system, successfully.

### Conclusion

The purpose of developing this manual has been to; i) secure transparency in the budgeting process by documenting the process undertaken, ii) provide a user manual for the

By re-coding the policy objectives in the chart of accounts, Ghana is taking a global lead on SDG budgeting. The systems success, however, requires accurate reporting. This manual will hopefully ensure that government is able to provide an accurate report on budget allocation and costing of the SDGs. This will, on one hand, inform the government on budget distributions to various targets, as well as provide more accurate information on further resource MDA's, and iii) to develop a tool that can help engage with other nations and institutions on further development of SDG budgeting and tracking systems.

mobilisation need to reach the Global Goals - to ensure a good livelihood for all Ghanaians.

Methodologically this is a humble beginning, and we depend on application by all budgeting officers at all MDAs for it to be successful, and to develop it further – if necessary.

Below you find the matrix presenting the link between each policy objective and identified SDG-target.

### **Matrices Document**

### **Economic Development**

ECONOMIC DEVELOPMENT			
FOCUS AREA	KEY POLICY OBJECTIVES	SDG_TARGET_DESCRIPTIONS	TRIMMED SDG TARGET
. STRONG AND RESILIENT ECONOMY	1.1 Enhance monetary discipline and financial stability	17.13 Enhance global macroeconomic stability, including through policy coordination and policy coherence	17.13 Enhance global macro, incl thru policy coordinatn & coherence
		10.5 Improve the regulation and monitoring of global financial markets and institutions and strengthen the implementation of such regulations	10.5 Improve reg. and monitoring of global fin. mkts
	1.2 Ensure improved fiscal performance and sustainability	17.1 Strengthen domestic resource mobilization, including through international support to developing countries, to improve domestic capacity for tax and other revenue collection	17.1 strengthen domestic resource mob.
	1.3 Promote international trade and investment	14.6 By 2020, prohibit certain forms of fisheries subsidies which contribute to overcapacity and overfishing, eliminate subsidies that contribute to illegal, unreported and unregulated fishing and refrain from introducing new such subsidies, recognizing that appropriate and effective special and differential treatment for developing and least developed countries should be an integral part of the World Trade Organization fisheries subsidies negotiation3	14.6 Prohibit fisheries subsidies which contr. to overcapacity
		8-a Increase Aid for Trade support for developing countries, in particular least developed countries, including through the Enhanced Integrated Framework for Traderelated Technical Assistance to Least Developed Countries	8.a Incr. aid for trade support for dev. ctries
		17.11 Significantly increase the exports of developing countries, in particular with a view to doubling the least developed countries' share of global exports by 2020	17.11 Incr. exports of dev. ctries. by 2020
		17.10 Promote a universal, rules-based, open, non-discriminatory and equitable multilateral trading system under the World Trade Organization, including through the conclusion of negotiations under its Doha Development Agenda	17.10 Promote non-descriminatory and equitable multi- lateral trading sys.
		10.a Implement the principle of special and differential treatment for developing countries, in particular least developed countries, in accordance with World Trade Organization agreements	10.a Impl. special and diff. trtment for dev. ctries in WTO
		2.b Correct and prevent trade restrictions and distortions in world agricultural markets, including through the parallel elimination of all forms of agricultural export subsidies and all export measures with equivalent effect, in accordance with the mandate of the Doha Development Round	2.b Prevent trade restrictns & distortns in world agric mk

DNOMIC DEVELOPMENT CUS AREA	KEY POLICY OBJECTIVES	SDG_TARGET_DESCRIPTIONS	TRIMMED SDG TARGET
DUSTRIAL TRANSFORMATION	2.1 Ensure energy availability	7.1 By 2030, ensure universal access to affordable, reliable and modern energy services	7.1 Ensur universl access to affrdable, reliable and mdrn energy servs.
		7.b By 2030, expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all in developing countries, in particular least developed countries, small island developing States and landlocked developing countries, in accordance with their respective programmes of support	7.b Expand infras & upgrade tech for energy supply and services
		7.2 By 2030, increase substantially the share of renewable energy in the global energy mix	7.2 Incrs subst.share of renewable energy in global energy mix
		7.a By 2030, enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology	7.a Enhance Int. corp. for access to clean energy rsh and tech.
	2.2 Enhance production and supply of quality raw materials	12.1 Implement the 10-Year Framework of Programmes on Sustainable Consumption and Production Patterns, all countries taking action, with developed countries taking the lead, taking into account the development and capabilities of developing countries	12.1 Impl. 10-Year framewk of prgs on sust. consumption and pdn patterns
		12.5 By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse	12.5 Subs reduce waste generation
		17.7 Promote the development, transfer, dissemination and diffusion of environmentally sound technologies to developing countries on favourable terms, including on concessional and preferential terms, as mutually agreed	17.7 Prom. dev. of environmental sound techn.
	2.3 Improve research and development (R&D) and financing for industrial development	9.b Support domestic technology development, research and innovation in developing countries, including by ensuring a conducive policy environment for, inter alia, industrial diversification and value addition to commodities	9.b Supp. domestic tech. dev. for industrial diversification
		12.5 By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse	12.5 Subs reduce waste gen. thru prevtn, reductn, recyclg & reuse
	2.4 Ensure improved skills development for industry	4.3 By 2030, ensure equal access for all women and men to affordable and quality technical, vocational and tertiary education, including university	4.3 Ensur access for women & men to affrdble tech, voc & tertiy edu
		12.6 Encourage companies, especially large and transnational companies, to adopt sustainable practices and to integrate sustainability information into their reporting cycle	12.6 Encour companies to adopt sust. pract to integ. sust. info in reporting
	2.5 Improve access to land for industrial development	]	
	2.6 Pursue flagship Industrial development Initiatives	9.2 Promote inclusive and sustainable industrialization and, by 2030, significantly raise industry's share of employment and gross domestic product, in line with national circumstances, and double its share in least developed countries	9.2 Prom incl & sust industilization
		9.3 Increase the access of small-scale industrial and other enterprises, in particular in developing countries, to financial services, including affordable credit, and their integration into value chains and markets	9.3 Incrs access of SMEs to fin. serv
		9.4 By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, with all countries taking action in accordance with their respective capabilities	9.4 Upgrade infrast and retrofit industries to make them sustain.

ECONOMIC DEVELOPMENT			
FOCUS AREA	KEY POLICY OBJECTIVES	SDG_TARGET_DESCRIPTIONS	TRIMMED SDG TARGET
3. PRIVATE SECTOR DEVELOPMENT	3.1 Enhance business enabling environment	]	
	3.2 Improve business financing	8.10 Strengthen the capacity of domestic financial institutions to encourage and expand access to banking, insurance and financial services for all	8.10 Strengthen the capacity of domestic financial institutions
	3.3 Support entrepreneurs and SME development	8.3 Promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage the formalization and growth of micro-, small- and medium-sized enterprises, including through access to financial services	8.3 Promote development-oriented plicies tht supprt prdctive activities
	3.4 Enhance domestic trade	12.7 Promote public procurement practices that are sustainable, in accordance with national policies and priorities	12.7 Prom public procuremnt practices that are sustainable
	3.5 Formalise the informal economy	5.a Undertake reforms to give women equal rights to economic resources, as well as access to ownership and control over land and other forms of property, financial services, inheritance and natural resources, in accordance with national laws	5.a Undertake reforms to give women equal rights to economic resources
	3.6 Ensure consumer protection	16.b Promote and enforce non-discriminatory laws and policies for sustainable development	16.b Prom & enforc non-discriminatory laws & plicies for sust. Dev.

3.7 Promote good corporate governance

NOMIC DEVELOPMENT US AREA	KEY POLICY OBJECTIVES	SDG_TARGET_DESCRIPTIONS	TRIMMED SDG TARGET
GRICULTURE AND RURAL DEVELOPMENT	4.1 Promote a demand- driven approach to agricultural development	2.3 By 2030, double the agricultural productivity and incomes of small-scale food producers, in particular women, indigenous peoples, family farmers, pastoralists and fishers, including through secure and equal access to land, other productive resources and inputs, knowledge, financial services, markets and opportunities for value addition and non-farm employment	2.3 Dble e agric prdtvty & incms of smll-scle fd prducrs 4 vlue additn
		2.c Adopt measures to ensure the proper functioning of food commodity markets and their derivatives and facilitate timely access to market information, including on food reserves, in order to help limit extreme food price volatility	2.c Adpt measures to ensure prop funct.of food cmmdty mkts
	4.2 Ensure improved public investment	17.3 Mobilize additional financial resources for developing countries from multiple sources	17.3 Mobiliz additinl financial res for dev ctries from multiple surces
	4.3 Improve production efficiency and yield	2.5 By 2020, maintain the genetic diversity of seeds, cultivated plants and farmed and domesticated animals and their related wild species, including through soundly managed and diversified seed and plant banks at the national, regional and international levels, and promote access to and fair and equitable sharing of benefits arising from the utilization of genetic resources and associated traditional knowledge, resistence the effect of the second se	2.5 Mtain genetic dvrsty of seeds, cultivtd plnts & animal
		as internationally agreed 2.4 By 2030, ensure sustainable food production systems and implement resilient agricultural praduction, that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters and that progressively improve land and soil quality	2.4 Ensur sust. food prodtn systms & impl resilient agric
		1.5 By 2030, build the resilience of the poor and those in vulnerable situations and reduce their exposure and vulnerability to climate-related extreme events and other economic, social and environmental shocks and disasters	<ol> <li>Build the resilience of the poor and those in vulnera situations</li> </ol>
	4.4 Improve post-harvest management	12.3 By 2030, halve per capita global food waste at the retail and consumer levels and reduce food losses along production and supply chains, including post-harvest losses	12.3 Halve per capita global food waste at the retail an cnsumer levels
		12.a Support developing countries to strengthen their scientific and technological capacity to move towards more sustainable patterns of consumption and production	12.a Supprt dev. ctries to strngthn scntific & tech capa
	4.5 Enhance the application of science, technology and innovation	5.b Enhance the use of enabling technology, in particular information and communications technology, to promote the empowerment of women	5.b Enhanc use of enblng tech, in part. ICT
		9.c Significantly increase access to information and communications technology and strive to provide universal and affordable access to the Internet in least developed countries by 2020	9.c Significantly incrse access to ICT
		17.8 Fully operationalize the technology bank and science, technology and innovation capacity- building mechanism for least developed countries by 2017 and enhance the use of enabling technology, in particular information and communications technology	17.8 Fully operationalize the technology bank and scien
	4.6 Promote agriculture as a viable business among the youth	of youth not in employment, education or training	8.6 Substantlly reduc proportion of youth not in emplyt, edu or traing
		4.4 By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship	4.4 Substantially incrse numb of yuth & adults who have relevnt skils
	4.7 Promote livestock and poultry development for food security and income generation	2.a Increase investment, including through enhanced international cooperation, in rural infrastructure, agricultural research and extension services, technology development and plant and livestock gene banks in order to enhance agricultural productive capacity in developing countries, in particular least	2.a Increase investment, including thru enhanced international cooperatn

ECONOMIC DEVELOPMENT			
FOCUS AREA	KEY POLICY OBJECTIVES	SDG_TARGET_DESCRIPTIONS	TRIMMED SDG TARGET
5. FISHERIES AND AQUACULTURE DEVELOPMENT	5.1 Ensure sustainable development and management of aquaculture		
		14.4 By 2020, effectively regulate harvesting and end overfishing, illegal, unreported and unregulated fishing and destructive fishing practices and implement science-based management plans, in order to restore fish stocks in the shortest time feasible, at least to levels that can produce maximum sustainable yield as determined by their biological characteristics 14.c Enhance the conservation and sustainable	14.4 Effectively regulate harvesting and end overfishing
		use of oceans and their resources by implementing international law as reflected in	14.c Enhnc consrvtn & sustainable use of oceans and their resources
	5.2 Ensure sustainable development and management of aquatic fisheries resources		14.b Prvide access for smll-scle artisnl fishrs to marine res and mkts
6. TOURISM AND CREATIVE ARTS DEVELOPMENT	6.1 Diversify and expand the tourism industry for economic development	8.9 By 2030, devise and implement policies to promote sustainable tourism that creates jobs and promotes local culture and products	8.9 Devise and implement policies to promote sustainable tourism
		12.b Develop and implement tools to monitor sustainable development impacts for sustainable tourism that creates jobs and promotes local culture and products	12.b Develp and implemnt tools to monitr SD impacts
	6.2 Develop a competitive creative arts industry		

### Social Development

A	KEY POLICY OBJECTIVES	SDG TARGET DESCRIPTIONS	TRIMMED SDG TARGET
~	1.1 Enhance inclusive and	4.1 By 2030, ensure that all girls and boys	
	equitable access to, and	complete free, equitable and quality primary	
AINING	participation in quality	and secondary education leading to relevant	4.1 Ensure free, equitable and quality edu. for all by 2030
	education at all levels	and effective learning outcomes	
		4.6 By 2030, ensure that all youth and a	
			4.6 Ensure literacy and numeracy for all by 2030
		women, achieve literacy and numeracy	
		4.2 By 2030, ensure that all girls and boys have	
			4.2 Ensure quality childhood dev., care and pre-primary
		care and pre-primary education so that they are	education for all by 2030
		ready for primary education	
		4.5 By 2030, eliminate gender disparities in	
		education and ensure equal access to all levels	4 E Eliza - sea des dissentities in adus and anno 1
		of education and vocational training for the	4.5 Elim. gender disparities in edu. and ensure equal
		vulnerable, including persons with disabilities, indigenous peoples and children in vulnerable	access to all levels
		situations	
		4.a Build and upgrade education facilities that	
		are child, disability and gender sensitive and	4.a Build and upgrade edu. fac. to be child, disable and
		provide safe, non-violent, inclusive and effective	
		learning environments for all	
	1.2 Strengthen school management systems	international cooperation for teacher training in developing countries, especially least developed countries and small island developing States	4.c Increase supply of qualified teachers
	1.3 Ensure sustainable sources of financing for education	17.3 Mobilize additional financial resources for developing countries from multiple sources	17.3 Mobilize addnal financial resources for dev.
		9.5 Enhance scientific research, upgrade the technological capabilities of industrial sectors in all countries, in particular developing countries, including, by 2030, encouraging innovation and	9.5 Enhance fin. research , upgrade tech. capabilities of
		substantially increasing the number of research and development workers per 1 million people	indust. Sectors
		substantially increasing the number of research and development workers per 1 million people and public and private research and	indust. Sectors
		substantially increasing the number of research and development workers per 1 million people and public and private research and development spending	indust. Sectors
		substantially increasing the number of research and development workers per 1 million people and public and private research and development spending 17.7 Promote the development, transfer,	indust. Sectors
		substantially increasing the number of research and development workers per 1 million people and public and private research and development spending 17.7 Promote the development, transfer, dissemination and diffusion of environmentally	indust. Sectors 17.7 Prom. dev., transfer, dissemniation and diffussion of
		substantially increasing the number of research and development workers per 1 million people and public and private research and development spending 17.7 Promote the development, transfer, dissemination and diffusion of environmentally sound technologies to developing countries on	
		substantially increasing the number of research and development workers per 1 million people and public and private research and development spending 17.7 Promote the development, transfer, dissemination and diffusion of environmentally	17.7 Prom. dev., transfer, dissemniation and diffussion of

SOCIAL DEVELOPMENT			
FOCUS AREA	KEY POLICY OBJECTIVES	SDG_TARGET_DESCRIPTIONS	TRIMMED SDG TARGET
2 HEALTH AND HEALTH SERVICES	Education for Sustainable Development		4.7 Ensure all learners acq. know. & skills, to prom. sust. dev.

2.1 Ensure affordable, equitable, easily accessible and Universal Health Coverage (UHC)	3.8 Achieve universal health coverage, including financial risk protection, access to quality essential health-care services and access to safe, effective, quality and affordable essential medicines and vaccines for all	3.8 Ach. univ. health coverage, incl. fin. risk prot., access to qual. health-care serv.
	3.d Strengthen the capacity of all countries, in particular developing countries, for early warning, risk reduction and management of national and global health risks	3.d Strgthen capa. for early warning, risk redu. & mgt of health risks.
	3.7 By 2030, ensure universal access to sexual and reproductive health-care services, including for family planning, information and education, and the integration of reproductive health into national strategies and programmes	3.7 Ensure univ. access to SRH services and IEC
	3.5 Strengthen the prevention and treatment of substance abuse, including narcotic drug abuse and harmful use of alcohol	3.5 Strgthen preventn and trtment of subs. Abuse
	3.c Substantially increase health financing and the recruitment, development, training and retention of the health workforce in developing countries, especially in least developed countries and small island developing States	3.c Subs. Incr. health fin. & recruitmnt

2.3 Reduce disability morbidity, and mortality	3.2 By 2030, end preventable deaths of newborns and children under 5 years of age, with all countries aiming to reduce neonatal mortality to at least as low as 12 per 1,000 live births and under-5 mortality to at least as low as 25 per 1,000 live births	3.2 End preventable deaths of newborns
	3.1 By 2030, reduce the global maternal mortality ratio to less than 70 per 100,000 live births	3.1 Reduce global maternal mortality ratio
	3.4 By 2030, reduce by one third premature mortality from non-communicable diseases through prevention and treatment and promote mental health and well- being	3.4 Reduce by 1/3 premature mortality
2.4 Ensure reduction of new HIV, AIDS/STIs and other infections, especially among vulnerable groups	3.3 By 2030, end the epidemics of AIDS, tuberculosis, malaria and neglected tropical diseases and combat hepatitis, water-borne diseases and other communicable diseases	3.3 End epidemics of AIDS, TB, malaria and trop. Diseases by 2030

SOCIAL DEVELOPMENT			
FOCUS AREA	KEY POLICY OBJECTIVES	SDG_TARGET_DESCRIPTIONS	TRIMMED SDG TARGET
3 FOOD AND NUTRITION SECURITY	3.1 Ensure food and nutrition security (FNS)	2.2 By 2030, end all forms of malnutrition, including achieving, by 2025, the internationally agreed targets on stunting and wasting in children under 5 years of age, and address the nutritional needs of adolescent girls, pregnant and lactating women and older persons	2.2 End all forms of malnutrition
	3.2 Strengthen food and nutrition security governance	2.1 By 2030, end hunger and ensure access by all people, in particular the poor and people in vulnerable situations, including infants, to safe, nutritious and sufficient food all year round	2.1 End hunger and ensure access to sufficient food

4. POPULATION MANAGEMENT 4.1 Improve population management	5.6 Ensure universal access to sexual and reproductive health and reproductive rights as agreed in accordance with the Programme of Action of the International Conference on Population and Development and the Beijing Platform for Action and the outcome documents of their review conferences	.6 Ensure universal access to SRH and RH rights
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4.2 Harness demographic	16.9 By 2030, provide legal identity for all,	16.9 Provide legal identity incl. birth registration
dividend	including birth registration	

4.3 Harness the benefits of migration for socio-	10.7 Facilitate orderly, safe, regular and responsible migration and mobility of people, including through the implementation of planned and well-managed migration policies	10.7 Faclitate mirgration and mobility of people
	10.c By 2030, reduce to less than 3 per cent the transaction costs of migrant remittances and eliminate remittance corridors with costs higher than 5 per cent	10.c Reduce transaction costs of migrant remittances
	· · · · · · · · · · · · · · · · · · ·	8.8 Prot. Labour rights and promote safe and secure wking env.

SOCIAL DEVELOPMENT FOCUS AREA	KEY POLICY OBJECTIVES	SDG_TARGET_DESCRIPTIONS	TRIMMED SDG TARGET
5. WATER AND ENVIRONMENTAL SANITATION	5.1 Improve access to safe and reliable water supply services for all	6.b Support and strengthen the participation of local communities in improving water and sanitation management	6.b Supp and strgthen local comm. in imp. water and sani.
	Services for an	6.1 By 2030, achieve universal and equitable access to safe and affordable drinking water for all	6.1 Achieve univ. and equit access to water
		6.5 By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate	6.5 Impl. Int. water resources mgt.
		6.a By 2030, expand international cooperation and capacity-building support to developing countries in water- and sanitation-related activities and programmes, including water harvesting, desalination, water efficiency, wastewater treatment, recycling and reuse technologies	6.a Expand int. corp. and capa-blding support
	5.2 Enhance access to improved and reliable environmental sanitation services	6.2 By 2030, achieve access to adequate and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations	6.2 Achieve access to adeq. and equit. Sanitation and hygiene
		6.b Support and strengthen the participation of local communities in improving water and sanitation management	6.b Supp and strgthen part. of cmnties in water and sanitation mgt.
		11.6 By 2030, reduce the adverse per capita environmental impact of cities, including by paying special attention to air quality and municipal and other waste management	11.6 Reduce Per capita environ. Impact of cities
	5.3 Promote efficient and sustainable waste water management	6.3 By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe	6.3 Impr. water quality by reducing pollution, dumping and harzardous chemicals
		reuse globally 6.b Support and strengthen the participation of local communities in improving water and sanitation management	6.b Support and strgthen local cmties in water and sanitation mgt
		1.4 By 2030, ensure that all men and women, in	
6. POVERTY AND INEQUALITY	6.1 Eradicate poverty in all its forms and dimensions	equal rights to economic resources, as well as access to basic services, ownership and control over land and other forms of property, inheritance, natural resources, appropriate new technology and financial services, including microfinance	1.4 Ensure equal rights to economic resources
		1.1 By 2030, eradicate extreme poverty for all people everywhere, currently measured as people living on less than \$1.25 a day	1.1 Eradicate extreme poverty
		1.2 By 2030, reduce at least by half the proportion of men, women and children of all ages living in poverty in all its dimensions according to national definitions	1.2 Reduce the proportion of men, women and chn living in poverty
	6.2 Reduce income disparities among socio- economic groups and between geographical areas	1.b Create sound policy frameworks at the national, regional and international levels, based on pro- poor and gender-sensitive development strategies, to support accelerated investment in poverty eradication actions	1.b Create sound policy frameworks
		9.1 Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all	9.1 Dev. qual., reliable, sust. & resilent infrast.
		11.a Support positive economic, social and environmental links between urban, peri-urban and rural areas by strengthening national and regional development planning	11.a Support positivie econ., soc. and environ. links

SOCIAL DEVELOPMENT			
FOCUS AREA	KEY POLICY OBJECTIVES	SDG_TARGET_DESCRIPTIONS	TRIMMED SDG TARGET
7. CHILD AND FAMILY WELFARE	7.1 Ensure effective child protection and family welfare system	8.7 Take immediate and effective measures to eradicate forced labour, end modern slavery and human trafficking and secure the prohibition and elimination of the worst forms of child labour, including recruitment and use of child soldiers, and by 2025 end child labour in all its forms	
		5.4 Recognize and value unpaid care and domestic work through the provision of public services, infrastructure and social protection policies and the promotion of shared responsibility within the household and the family as nationally appropriate	5.4 Recog. unpaid care and domestic wk
		5.3 Eliminate all harmful practices, such as child, early and forced marriage and female genital mutilation	5.3 Elimate harmful practices such as early & forced marriages
		16.2 End abuse, exploitation, trafficking and all forms of violence against and torture of children	16.2 End abuse, exploitation and violence
8. THE AGED	8.1 Enhance the well-being of the aged		
	8.2 Ensure adequate healthcare for the aged		
9. GENDER EQUALITY	social and economic	5.c Adopt and strengthen sound policies and enforceable legislation for the promotion of gender equality and the empowerment of all women and girls at all levels	5.c Adopt and strgthen legislatna & policies for gender equality
		5.1 End all forms of discrimination against all women and girls everywhere	5.1 End all forms of discrim. agst women and girls
		5.5 Ensure women's full and effective participation and equal opportunities for leadership at all levels of decision-making in political, economic and public life	5.5 Ensure full & effect. particip fo women
		5.2 Eliminate all forms of violence against all women and girls in the public and private spheres, including trafficking and sexual and other types of exploitation	5.2 Eliminate vi0lence agst. women
	9.2 Promote economic empowerment of women	5.a Undertake reforms to give women equal rights to economic resources, as well as access to ownership and control over land and other forms of property, financial services, inheritance and natural resources, in accordance with national laws	5.a Give women equal rights

SOCIAL DEVELOPMENT			
FOCUS AREA	KEY POLICY OBJECTIVES	SDG_TARGET_DESCRIPTIONS	TRIMMED SDG TARGET
10. SOCIAL PROTECTION	10.1 Strengthen social protection, especially for children, women, persons with disability and the elderly	1.3 Implement nationally appropriate social protection systems and measures for all, including floors, and by 2030 achieve substantial coverage of the poor and the vulnerable	1.3 Impl. appriopriate Social Protection Sys. & measures
		10.2 By 2030, empower and promote the social, economic and political inclusion of all, irrespective of age, sex, disability, race, ethnicity, origin, religion or economic or other status	10.2 Promote social, econ., political inclusion
	<b>10.2</b> Ensure decent pensions for beneficiaries	]	
11. DISABILITY AND DEVELOPMENT	11.1 Promote full participation of PWDs in social and economic development		
	11.2 Promote participation of PWDs in politics, electoral democracy and governance	16.7 Ensure responsive, inclusive, participatory and representative decision-making at all levels	16.7 Ensure resp., incl., participatory and repr. decision- making
	11.3 Ensure that PWDs enjoy all the benefits of Ghanaian citizenship	]	
12. EMPLOYMENT AND DECENT WORK	12.1 Improve human capital development and management	]	
	12.2 Promote the creation of decent jobs	8.3 Promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage the formalization and growth of micro-, small- and medium-sized enterprises, including through access to financial services	activities
		8.5 By 2030, achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value	8.5 Achieve full and prdfive employment and decent worl
13. YOUTH DEVELOPMENT	13.1 Promote effective participation of the youth in socio-economic development	4.4 By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship	4.4 Incr. num. of youth and adults with relevant skills
		8.6 By 2020, substantially reduce the proportion of youth not in employment, education or training	8.6 Reduce proportion of youth no in empl., edu., or training
14. SPORTS AND RECREATION	14.1 Enhance sports and recreational infrastructure	11.7 By 2030, provide universal access to safe, inclusive and accessible, green and public spaces, in particular for women and children, older persons and persons with disabilities	11.7 Provide universal access to safe, accesible and greer public spaces
	14.2 Build capacity for sports and recreational development	]	
	14.3 Ensure sustainable funding sources for growth and development of sports	]	

### Environmental, Infrastructure and Social Development

FOCUS AREA	KEY POLICY OBJECTIVES	SDG_TARGET_DESCRIPTIONS	TRIMMED SDG TARGET
. PROTECTED AREAS	1.1 Expand forest		
	conservation areas	15.b Mobilize significant resources from all	
		sources and at all levels to finance sustainable	
		forest management and provide adequate	15 h Moh, recourses for forest management
		incentives to developing countries to advance	15.b Mob. resources for forest management
		such management, including for conservation	
		and reforestation	
	1.2 Protect forest reserves	s	
		15.2 By 2020, promote the implementation of	
		sustainable management of all types of forests,	15.2 Promote impl. of forests, halt deforestation and
		halt deforestation, restore degraded forests and	increase
		substantially increase afforestation and reforestation globally	
		15.5 Take urgent and significant action to	
			15.5 take urg. actions to presv. nat. habitat and threatne
		the loss of biodiversity and, by 2020, protect	sp by 2020
		and prevent the extinction of threatened species	
		15.9 By 2020, integrate ecosystem and	
		biodiversity values into national and local	15.9 fac. ecosytm and biodiv. values into Nat'l and local
		planning, development processes, poverty reduction strategies and accounts	planning by 2020
		15.a Mobilize and significantly increase financial	
		resources from all sources to conserve and	15.a mob. and inc. fin. Res. to maint. the sust use of
		sustainably use biodiversity and ecosystems	biodiv. and ecosytms
		15.8 By 2020, introduce measures to prevent	
		the introduction and significantly reduce the	15.8 Prevent and reduce impact of alien species on land
		impact of invasive alien species on land and	
		water ecosystems and control or eradicate the	and water
	2.1 Ensure sustainable	water ecosystems and control or eradicate the	
2. MINERAL EXTRACTION	extraction of mineral	water ecosystems and control or eradicate the	
2. MINERAL EXTRACTION		water ecosystems and control or eradicate the	
2. MINERAL EXTRACTION	extraction of mineral resources	water ecosystems and control or eradicate the	
2. MINERAL EXTRACTION	extraction of mineral resources 2.2 Ensure effective	water ecosystems and control or eradicate the	
2. MINERAL EXTRACTION	extraction of mineral resources 2.2 Ensure effective linkage of extractive	water ecosystems and control or eradicate the	
2. MINERAL EXTRACTION	extraction of mineral resources 2.2 Ensure effective	water ecosystems and control or eradicate the	
. MINERAL EXTRACTION	extraction of mineral resources 2.2 Ensure effective linkage of extractive industry to the rest of the	water ecosystems and control or eradicate the priority species	
2. MINERAL EXTRACTION	extraction of mineral resources 2.2 Ensure effective linkage of extractive industry to the rest of the	water ecosystems and control or eradicate the priority species	and water
2. MINERAL EXTRACTION	extraction of mineral resources 2.2 Ensure effective linkage of extractive industry to the rest of the economy	water ecosystems and control or eradicate the priority species 12.2 By 2030, achieve the sustainable management and efficient use of natural resources	and water 12.2 Achieve sustainable Mgt. and efficient use of nat.
2. MINERAL EXTRACTION	2.2 Ensure effective linkage of extractive industry to the rest of the economy 3.1 Promote sustainable	water ecosystems and control or eradicate the priority species           12.2 By 2030, achieve the sustainable management and efficient use of natural resources           6.5 By 2030, implement integrated water	and water 12.2 Achieve sustainable Mgt. and efficient use of nat.
2. MINERAL EXTRACTION	extraction of mineral resources	<ul> <li>water ecosystems and control or eradicate the priority species</li> <li>12.2 By 2030, achieve the sustainable management and efficient use of natural resources</li> <li>6.5 By 2030, implement integrated water resources management at all levels, including</li> </ul>	and water 12.2 Achieve sustainable Mgt. and efficient use of nat.
	2.2 Ensure effective linkage of extractive industry to the rest of the economy 3.1 Promote sustainable water resources development and	<ul> <li>water ecosystems and control or eradicate the priority species</li> <li>12.2 By 2030, achieve the sustainable management and efficient use of natural resources</li> <li>6.5 By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as</li> </ul>	and water 12.2 Achieve sustainable Mgt. and efficient use of nat. resources
	extraction of mineral resources	<ul> <li>water ecosystems and control or eradicate the priority species</li> <li>12.2 By 2030, achieve the sustainable management and efficient use of natural resources</li> <li>6.5 By 2030, implement integrated water resources management all levels, including through transboundary cooperation as appropriate</li> <li>6.4 By 2030, substantially increase water-use</li> </ul>	and water 12.2 Achieve sustainable Mgt. and efficient use of nat. resources
	2.2 Ensure effective linkage of extractive industry to the rest of the economy 3.1 Promote sustainable water resources development and	<ul> <li>water ecosystems and control or eradicate the priority species</li> <li>12.2 By 2030, achieve the sustainable management and efficient use of natural resources</li> <li>6.5 By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate</li> <li>6.4 By 2030, substantially increase water-use efficiency across all sectors and ensure</li> </ul>	and water 12.2 Achieve sustainable Mgt. and efficient use of nat. resources
	2.2 Ensure effective linkage of extractive industry to the rest of the economy 3.1 Promote sustainable water resources development and	<ul> <li>water ecosystems and control or eradicate the priority species</li> <li>12.2 By 2030, achieve the sustainable management and efficient use of natural resources</li> <li>6.5 By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate</li> <li>6.4 By 2030, substantially increase water-use efficiency across all sectors and supply of</li> </ul>	and water 12.2 Achieve sustainable Mgt. and efficient use of nat. resources 6.5 Implement intergrated water resources mgt.
	2.2 Ensure effective linkage of extractive industry to the rest of the economy 3.1 Promote sustainable water resources development and	<ul> <li>water ecosystems and control or eradicate the priority species</li> <li>12.2 By 2030, achieve the sustainable management and efficient use of natural resources</li> <li>6.5 By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate</li> <li>6.4 By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and</li> </ul>	and water 12.2 Achieve sustainable Mgt. and efficient use of nat. resources
	2.2 Ensure effective linkage of extractive industry to the rest of the economy 3.1 Promote sustainable water resources development and	<ul> <li>water ecosystems and control or eradicate the priority species</li> <li>12.2 By 2030, achieve the sustainable management and efficient use of natural resources</li> <li>6.5 By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate</li> <li>6.4 By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scrity and substantially recopile</li> </ul>	and water 12.2 Achieve sustainable Mgt. and efficient use of nat. resources 6.5 Implement intergrated water resources mgt.
	2.2 Ensure effective linkage of extractive industry to the rest of the economy 3.1 Promote sustainable water resources development and	<ul> <li>water ecosystems and control or eradicate the priority species</li> <li>12.2 By 2030, achieve the sustainable management and efficient use of natural resources</li> <li>6.5 By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate</li> <li>6.4 By 2030, substantially increase water-use efficiency across all sectors and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity</li> <li>6.3 By 2030, implement equility by reducing the substantial substantial substantial sectors and ensure substantial sectors and ensure substantial sectors and ensure substantial sectors and ensure substantial sectors and supply of freshwater to address water scarcity and substantial sectors are readily by reducing from water scarcity</li> </ul>	and water 12.2 Achieve sustainable Mgt. and efficient use of nat. resources 6.5 Implement intergrated water resources mgt.
	2.2 Ensure effective linkage of extractive industry to the rest of the economy 3.1 Promote sustainable water resources development and	<ul> <li>water ecosystems and control or eradicate the priority species</li> <li>12.2 By 2030, achieve the sustainable management and efficient use of natural resources</li> <li>6.5 By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate</li> <li>6.4 By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity</li> <li>6.3 By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing</li> </ul>	and water 12.2 Achieve sustainable Mgt. and efficient use of nat. resources 6.5 Implement intergrated water resources mgt. 6.4 Increase water use efficiency
	2.2 Ensure effective linkage of extractive industry to the rest of the economy 3.1 Promote sustainable water resources development and	<ul> <li>water ecosystems and control or eradicate the priority species</li> <li>12.2 By 2030, achieve the sustainable management and efficient use of natural resources</li> <li>6.5 By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate</li> <li>6.4 By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity and minimizing release of hazardous chemicals and materials,</li> </ul>	and water 12.2 Achieve sustainable Mgt. and efficient use of nat. resources 6.5 Implement intergrated water resources mgt. 6.4 Increase water use efficiency 6.3 Imp. water quality by reducing pollution, dumping and
	2.2 Ensure effective linkage of extractive industry to the rest of the economy 3.1 Promote sustainable water resources development and	<ul> <li>water ecosystems and control or eradicate the priority species</li> <li>12.2 By 2030, achieve the sustainable management and efficient use of natural resources</li> <li>6.5 By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate</li> <li>6.4 By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity and substantially reduce the number of people suffering from water scarcity and minimizing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater</li> </ul>	and water 12.2 Achieve sustainable Mgt. and efficient use of nat. resources 6.5 Implement intergrated water resources mgt. 6.4 Increase water use efficiency
	2.2 Ensure effective linkage of extractive industry to the rest of the economy 3.1 Promote sustainable water resources development and	<ul> <li>water ecosystems and control or eradicate the priority species</li> <li>12.2 By 2030, achieve the sustainable management and efficient use of natural resources</li> <li>6.5 By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate</li> <li>6.4 By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity</li> <li>6.3 By 2030, improve water quality by reducing pollution, eliminating dumping and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe</li> </ul>	<ul> <li>and water</li> <li>12.2 Achieve sustainable Mgt. and efficient use of nat. resources</li> <li>6.5 Implement intergrated water resources mgt.</li> <li>6.4 Increase water use efficiency</li> <li>6.3 Imp. water quality by reducing pollution, dumping and superscript of the superscript of the</li></ul>
	2.2 Ensure effective linkage of extractive industry to the rest of the economy 3.1 Promote sustainable water resources development and	<ul> <li>water ecosystems and control or eradicate the priority species</li> <li>12.2 By 2030, achieve the sustainable management and efficient use of natural resources</li> <li>6.5 By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate</li> <li>6.4 By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity</li> <li>6.3 By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally</li> <li>6.6 By 2020, protect and restore water-related</li> </ul>	and water 12.2 Achieve sustainable Mgt. and efficient use of nat. resources 6.5 Implement intergrated water resources mgt. 6.4 Increase water use efficiency 6.3 Imp. water quality by reducing pollution, dumping a
	2.2 Ensure effective linkage of extractive industry to the rest of the economy 3.1 Promote sustainable water resources development and	<ul> <li>water ecosystems and control or eradicate the priority species</li> <li>12.2 By 2030, achieve the sustainable management and efficient use of natural resources</li> <li>6.5 By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate</li> <li>6.4 By 2030, substantially increase water-use efficiency across all sectors and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity and substantially increases of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally</li> </ul>	and water 12.2 Achieve sustainable Mgt. and efficient use of nat. resources 6.5 Implement intergrated water resources mgt. 6.4 Increase water use efficiency 6.3 Imp. water quality by reducing pollution, dumping a

ENVIRONMENT, INFRASTRUCTURE AND HUMAN SETTLEMENT			
FOCUS AREA	<b>KEY POLICY OBJECTIVES</b>	SDG_TARGET_DESCRIPTIONS	TRIMMED SDG TARGET
4. COASTAL AND MARINE AREA EROSION	4.1 Reduce coastal erosion		
		14.5 By 2020, conserve at least 10 per cent of coastal and marine areas, consistent with national and international law and based on the best available scientific information	14.5 Conserve min. 10% of coastal and marine areas by 2020
	4.2 Conserve marine areas	1	
		· · · · · · · · · · · · · · · · · · ·	15.1 Ensure conser. and sust. use of terrestrial and inland fresh water ecosystems
		14.1 By 2025, prevent and significantly reduce marine pollution of all kinds, in particular from land-based activities, including marine debris and nutrient pollution	14.1 Prev. and sig. reduce marine pollution by 2025
		5 1 2 7	14.2 Sust. manage and protect marine and coastal ecosystems by 2020

5. ENVIRONMENTAL POLLUTION	5.1 Reduce environmental pollution	]	
6. DEFORESTATION, DESERTIFICATION AND SOIL EROSION	6.1 Combat deforestation, desertification and soil erosion	]	
	6.2 Promote sustainable use of forest and wildlife resources		
		15.7 Take urgent action to end poaching and trafficking of protected species of flora and fauna and address both demand and supply of illegal wildlife products	15.7 End poaching and trafficing of flora and fauna and wildlife prods.
		15.c Enhance global support for efforts to combat poaching and trafficking of protected species, including by increasing the capacity of local communities to pursue sustainable livelihood opportunities	15.c Pursue livelihood opportunities

ENVIRONMENT, INFRASTRUCTURE AND HUMAN SETTLEMENT			
FOCUS AREA	KEY POLICY OBJECTIVES 7.1 Enhance climate	SDG_TARGET_DESCRIPTIONS	TRIMMED SDG TARGET
7. CLIMATE VARIABILITY AND CHANGE	change resilience		
		13.a Implement the commitment undertaken by developed-country parties to the United Nations Framework Convention on Climate Change to a goal of mobilizing jointly \$100 billion annually by 2020 from all sources to address the needs of developing countries in the context of meaningful mitigation actions and transparency on implementation and fully operationalize the Green Climate Fund through its capitalization as soon as possible	13.a Operationalize the Green Climate Fund through capitalization
		13.1 Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries	13.1 Strengthen resilence towards climate-related hazards
		13.3 Improve education, awareness-raising and	
	7.2 Reduce greenhouse gases	human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning	13.3 Imprv. educ. towards climate change mitigation
		13.2 Integrate climate change measures into national policies, strategies and planning	13.2 Integrate climate change measures
8. DISASTER MANAGEMENT	8.1 Promote proactive planning for disaster prevention and mitigation		
		3.d Strengthen the capacity of all countries, in particular developing countries, for early warning, risk reduction and management of national and global health risks	3.d Capacity for early warning , risk reduction in health
		1.5 By 2030, build the resilience of the poor and those in vulnerable situations and reduce their exposure and vulnerability to climate-related extreme events and other economic, social and environmental shocks and disasters	1.5 Reduce exposure and vulnerability to climate-related events and disasters
9. TRANSPORT INFRASTRUCTURE	9.1 Improve efficiency and effectiveness of road transport infrastructure and services	]	
	9.2 Ensure safety and security for all categories of road users	3.6 By 2020, halve the number of global deaths and injuries from road traffic accidents	3.6 Half road traffic accident deaths by 2020
		11.2 By 2030, provide access to safe, affordable, accessible and sustainable transport systems for all, improving road safety, notably by expanding public transport, with special attention to the needs of those in vulnerable situations, women, children, persons with disabilities and older persons	
	9.3 Increase capacity and efficiency in port operations		
	9.4 Enhance the contribution of inland waterways to safe and efficient transportation of goods and people		
	9.5 Make Ghana the aviation hub for West African sub-region	]	
	9.6 Modernise and extend railway network	]	

ENVIRONMENT, INFRASTRUCTURE AND HUMAN SETTLEMENT FOCUS AREA	KEY POLICY OBJECTIVES	SDG TARGET DESCRIPTIONS	TRIMMED SDG TARGET
TOCUS AREA	10.1 Enhance application of ICT in national development		
	10.2 Expand the digital landscape	]	
11. SCIENCE, TECHNOLOGY AND INNOVATION	11.1 Mainstream science, technology and innovation in all socio-economic activities	9.5 Enhance scientific research, upgrade the technological capabilities of industrial sectors in all countries, in particular developing countries, including, by 2030, encouraging innovation and substantially increasing the number of research and development workers per 1 million people and public and private research and development spending	9.5 Enhance scientific research, innovation and increase researchers
	12.1 Ensure availability of, clean, affordable and accessible energy	15.4 By 2030, ensure the conservation of mountain ecosystems, including their biodiversity, in order to enhance their capacity to provide benefits that are essential for sustainable development	15.4 Conserve mountain ecosystems
12. ENERGY AND PETROLEUM	12.2 Ensure efficient transmission and distribution system	]	
	12.3 Improve financial capacity and sustainability of utility companies	]	
	12.4 Ensure efficient utilisation of energy	7.3 By 2030, double the global rate of improvement in energy efficiency	7.3 Double the global rate of improvement in energy efficiency by 2030
	12.5 Promote petroleum exploration	]	
	12.6 Promote development and use of indigenous capabilities for exploitation of petroleum resources		
	12.7 Leverage oil and gas industry as a catalyst for national economic development		
		8.2 Achieve higher levels of economic productivity through diversification, technological upgrading and innovation, including through a focus on high-value added and labour-intensive sectors	8.2 Achieve higher economic pdvity
	12.8 Ensure efficient management and utilisation of oil and gas revenue		
	12.9 Minimize potential environmental impacts of oil and gas industry	7.a By 2030, enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology	7.a Enhance int. coop. to access clean energy research an technology
		11.6 By 2030, reduce the adverse per capita environmental impact of cities, including by paying special attention to air quality and municipal and other waste management	11.6 Reduce per capita env. Impact by 2030

ENVIRONMENT, INFRASTRUCTURE AND HUMAN SETTLEMENT			
FOCUS AREA	KEY POLICY OBJECTIVES	SDG_TARGET_DESCRIPTIONS	TRIMMED SDG TARGET
13. CONSTRUCTION INDUSTRY DEVELOPMENT	13.1 Build a competitive and modern construction industry.		
14. DRAINAGE AND FLOOD CONTROL	14.1 Address recurrent devastating floods	]	
		11.b By 2020, substantially increase the number of cities and human settlements adopting and implementing integrated policies and plans towards inclusion, resource efficiency, mitigation and adaptation to climate change, resilience to disasters, and develop and implement, in line with the Sendai Framework for Disaster Risk Reduction 2015–2030, holistic disaster risk management at all levels	
15. INFRASTRUCTURE MAINTENANCE	15.1 Promote proper maintenance culture	9.a Facilitate sustainable and resilient infrastructure development in developing countries through enhanced financial, technological and technical support to African countries, least developed countries, landlocked developing countries and small island developing States	9.a Facilitate sus. and resilent infrastructure dev.
		17.9 Enhance international support for implementing effective and targeted capacity- building in developing countries to support national plans to implement all the Sustainable Development Goals, including through North- South, South-South and triangular cooperation	17.9 Enhance support for SDGs
16. LAND ADMINISTRATION AND MANAGEMENT	16.1 Develop efficient land administration and management system	]	
17. HUMAN SETTLEMENTS AND HOUSING	17.1 Promote sustainable, spatially integrated, balanced and orderly development of human settlements		
		11.7 By 2030, provide universal access to safe, inclusive and accessible, green and public spaces, in particular for women and children, older persons and persons with disabilities	Universal access to safe, green publis spaces
	17.2 Provide adequate, safe, secure, quality and affordable housing		
		11.1 By 2030, ensure access for all to adequate, safe and affordable housing and basic services and upgrade slums	11.1 Ensure access to affordable housing

ENVIRONMENT, INFRASTRUCTURE AND HUMAN SETTLEMENT		1	
FOCUS AREA	KEY POLICY OBJECTIVES	SDG_TARGET_DESCRIPTIONS	TRIMMED SDG TARGET
18. RURAL DEVELOPMENT MANAGEMENT	18.1 Enhance quality of life in rural areas		
		2.a Increase investment, including through enhanced international cooperation, in rural infrastructure, agricultural research and extension services, technology development and plant and livestock gene banks in order to enhance agricultural productive capacity in developing countries, in particular least developed countries	2.a Inc. invest. to enhance agric. productive capacity
		6.1 By 2030, achieve universal and equitable access to safe and affordable drinking water for all	6.1 Universal access to safe drinking water by 2030
		6.2 By 2030, achieve access to adequate and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations	6.2 Sanitation for all and no open defecation by 2030
		2.2 By 2030, end all forms of malnutrition, including achieving, by 2025, the internationally agreed targets on stunting and wasting in children under 5 years of age, and address the nutritional needs of adolescent girls, pregnant and lactating women and older persons	2.2 End malnutrition, no stunting and wasting

19. URBAN DEVELOPMENT MANAGEMENT	19.1 Promote resilient urban development		
		11.a Support positive economic, social and environmental links between urban, peri-urban and rural areas by strengthening national and regional development planning	11.a Strengthen nat. & reg. plan thru supportive positive econ. soc. & env. Links
		11.3 By 2030, enhance inclusive and sustainable urbanization and capacity for participatory, integrated and sustainable human settlement planning and management in all countries	11.3 Enhance inclusive urbanization and capacity for settlement planning
20. ZONGOS AND INNER CITY DEVELOPMENT	20.1 Improve quality of life in slums, Zongos and inner cities	10.1 By 2030, progressively achieve and sustain income growth of the bottom 40 per cent of the population at a rate higher than the national average	10.1 Achieve income growth of bottom 40% of population above national avg.
		10.3 Ensure equal opportunity and reduce inequalities of outcome, including by eliminating discriminatory laws, policies and practices and promoting appropriate legislation, policies and action in this regard	10.3 Ensure equality by eliminating inequality laws, practices & policies

### Governance, Corruption and Public Accountability

GOVERNANCE, CORRUPTION AND ACCOUNTABILITY			
FOCUS AREA         1. DEMOCRATIC GOVERNANCE         2. LOCAL GOVERNMENT AND DECENTRALISATION	KEY POLICY OBJECTIVES 1.1 Deepen democratic governance	SDG_TARGET_DESCRIPTIONS	TRIMMED SDG TARGET
	2.1 Deepen political and administrative decentralisation		
	2.2 Improve decentralised planning		
	2.3 Strengthen fiscal decentralisation	17.1 Strengthen domestic resource mobilization, including through international support to developing countries, to improve domestic capacity for tax and other revenue collection	17.1 Strengthen domestic resource mob.
		17.3 Mobilize additional financial resources for developing countries from multiple sources	17.3 Mob international financial resources from multiple sources
	2.4 Strengthen the coordinating and administrative functions of regions		
	2.5 Improve popular participation at regional and district levels	16.7 Ensure responsive, inclusive, participatory and representative decision-making at all levels	16.7 Ensure resp. incl. participatory rep. decision making
3. PUBLIC ACCOUNTABILITY	3.1 Deepen transparency and public accountability	16.6 Develop effective, accountable and transparent institutions at all levels	16.6 Dev. effect. acctable & transparent insts at all levels
4. PUBLIC INSTITUTIONAL REFORM	4.1 Build an effective and efficient government machinery	16.a Strengthen relevant national institutions, including through international cooperation, for building capacity at all levels, in particular in developing countries, to prevent violence and combat terrorism and crime	16.a Strengthen nationall inst to prevent violence, terrorism and crime
5. PUBLIC POLICY MANAGEMENT	5.1 Enhance capacity for policy formulation and coordination	16.9 By 2030, provide legal identity for all, including birth registration	16.9 By 2030 provide legal identity for all including birth registration
		17.14 Enhance policy coherence for sustainable development	17.14 Enhance policy coherence for sustainable development
		1.b Create sound policy frameworks at the national, regional and international levels, based on pro-poor and gender-sensitive development strategies, to support accelerated investment in poverty eradication actions	1.b Create policy framworks at all levels for poverty eradiction

GO	VERNANCE, CORRUPTION AND ACCOUNTABILITY			
FO	CUS AREA	KEY POLICY OBJECTIVES	SDG_TARGET_DESCRIPTIONS	TRIMMED SDG TARGET
6.	HUMAN SECURITY AND PUBLIC SAFETY	6.1 Enhance security service delivery	16.4 By 2030, significantly reduce illicit financial and arms flows, strengthen the recovery and return of stolen assets and combat all forms of organized crime	16.4 reduce illicit fin. & arms flows, recover & return stolen assets, combat organize crime
		6.2 Enhance public safety	16.1 Significantly reduce all forms of violence and related death rates everywhere	16.1 Sign. reduce all forms of vio & relat'd death rates evrywhere
			3.5 Strengthen the prevention and treatment of substance abuse, including narcotic drug abuse and harmful use of alcohol	3.5 Strenthen prev. and trtment of susbs abuse
7.	CORRUPTION AND ECONOMIC CRIMES	7.1 Promote the fight against corruption and economic crimes	· · · · · · · · ·	16.5 Substantially reduce corruption and bribery in all their forms
8.	LAW AND ORDER	8.1 Promote access and efficiency in delivery of justice	16.3 Promote the rule of law at the national and international levels and ensure equal access to justice for all	16.3 Prom the rule of law at the nat'l & int'l levis & ensure access to
			16.b Promote and enforce non-discriminatory laws and policies for sustainable development	16.b Prom & enforce non-discrimnt'ry laws & policies for sust develp'mt
9.	CIVIL SOCIETY, AND CIVIC ENGAGEMENT	9.1 Improve participation of civil society (media, traditional authorities, religious bodies) in national development		

GOVERNANCE, CORRUPTION AND ACCOUNTABILITY			
FOCUS AREA	KEY POLICY OBJECTIVES	SDG_TARGET_DESCRIPTIONS	TRIMMED SDG TARGET
10. ATTITUDINAL CHANGE AND PATRIOTISM	10.1 Promote discipline in all aspects of life	4.7 By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and non-violence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development	4.7 Ensure all learners acq knowl & skilsto prom. Sust. dev.
	11.1 Ensure responsive governance and citizen participation in the development dialogue	16.10 Ensure public access to information and protect fundamental freedoms, in accordance with national legislation and international agreements	16.10 Ensure publc acces to info & prtect fundmt'l freedoms
	11.2 Demystify the Presidency and bring the President closer to the people		
12. CULTURE FOR NATIONAL DEVELOPMENT	12.1 Promote culture in the development process		8.9 Devise & implmt policies to prom. Sus. tourism that create jobs
			12.8 By 2030, ensur that ppl evrywher hve the relevnt info & awarnes of sust lifestyle

#### Ghana and the International Community (International Affairs)

S ROLE IN INTERNATION AFFAIRS	KEY POLICY OBJECTIVES	SDG_TARGET_DESCRIPTIONS	TRIMMED SDG TARGET
NAL RELATIONS	1.1 Promote a globally competitive Foreign Service	16.8 Broaden and strengthen the participation of developing countries in the institutions of global governance	16.8 Broaden participation in global governance
	1.2 Enhance Ghana's International Image and influence	10.7 Facilitate orderly, safe, regular and responsible migration and mobility of people, including through the implementation of planned and well-managed migration policies	10.7 Facilitate responsible migration and people's mobility
		17.15 Respect each country's policy space and leadership to establish and implement policies for poverty eradication and sustainable development	17.15 Respect each country's policy space and leadership
		17.16 Enhance the Global Partnership for Sustainable Development, complemented by multi- stakeholder partnerships that mobilize and share knowledge, expertise,	17.16 Enhance global partnership for sust. dev.
		17.6 Enhance North-South, South-South and triangular regional and international cooperation on and access to science, technology and innovation and enhance knowledgesharing	17.6 Enhance int. corporation and access to science, tech. and innovation
	1.3 Promote Ghana's political and economic interests abroad	17.17 Encourage and promote effective public, publicprivate and civil society partnerships, building on the experience and resourcing strategies of partnerships	17.17 Encourage PPPs and CS partnerships
		17.18 By 2020, enhance capacity-building support to developing countries, including for least developed countries and small island developing States, to increase significantly the availability of high-quality, timely and reliable data disaggregated by income, gender, age, race, ethnicity, migratory status, disability, geographic location and other characteristics relevant in national contexts	17.18 Enhance capacity for high-quality, timely and reliable data
		17.19 By 2030, build on existing initiatives to develop measurements of progress on sustainable development that complement gross domestic product, and support statistical capacity-building in developing countries	17.19 Dev. measurements of progress on SD, GDP & statistical capacity-blding
		I.a. Ensure significant mobilization of resources from a variety of sources, including through enhanced development cooperation, in order to provide adequate and predictable means for developing countries, in particular least developed countries, to implement programmes and policies to end poverty in all its dimensions	1.a Mobilize resources to end poverty in all dimensions
	1.4 Integrate Ghanaian diaspora in national development	16.b Promote and enforce non-discriminatory laws and policies for sustainable development	16.b Promote and enforce non-discriminatory laws and policies for SD