

SEMINAR SERIES

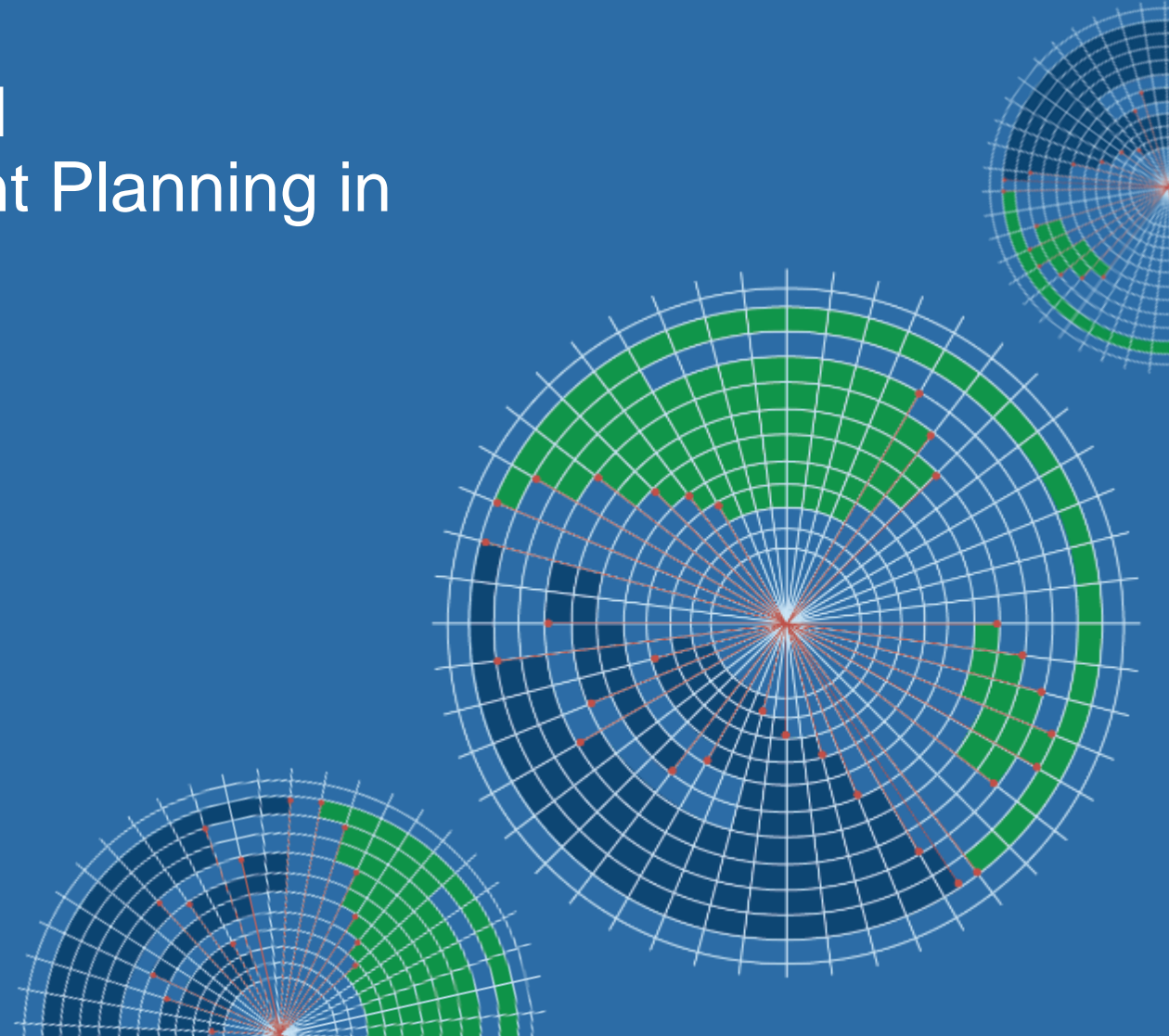
Sharing cutting-edge knowledge on valuing natural capital & ecosystem services



Valuing Natural Capital and Ecosystem Services for improved Policy, Development & Investment Planning in Ghana

Kwame Fredua,
Principal Program Officer/Ghana Environmental Protection Agency

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Background



Natural capital plays a significant role in the socio-economic development of Ghana



Government of Ghana (GoG) data on contribution and value of natural capital is limited

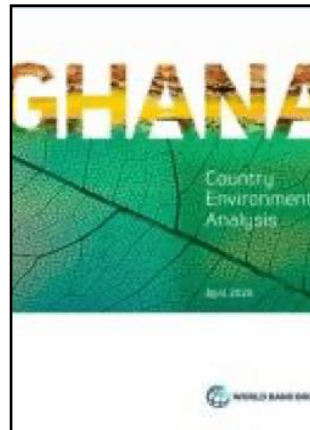


Natural assets are undervalued in economic planning and decision-making



Internalization of natural capital is crucial to a more inclusive, sustainable, climate-resilient, and green economy.

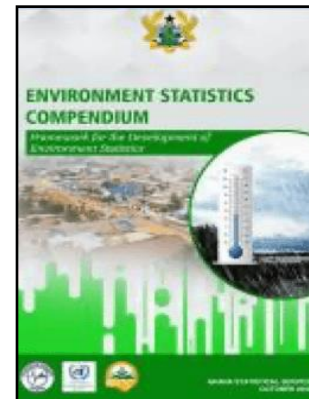
Background



The Country Environment Analysis (CEA) 2007 and 2020 put the Cost of Environmental Degradation (CoED) at 10% of 2006 GDP and 10.7% of 2017 GDP



The State of Environment (SoE) Report 2016 exposed the data gaps in biodiversity information



Recommendations from the 2020 environment Statistics Compendium, other preliminary NCA/SEEA studies and in the National Strategy for the Development of Statistics (2018-2022)

Preliminary Works & Inventory of NCA



Document Download links

- **NCA Discussion Paper**
<http://www.epa.gov.gh/epa/sites/default/files/downloads/publications/Discussion%20Paper%20Building%20a%20Natural%20Capital%20Accounting%20in%20Ghana.pdf>
- **NCA Feasibility Study Report**
<http://www.epa.gov.gh/epa/sites/default/files/downloads/publications/Feasibility%20Study%20on%20the%20Establishment%20of%20Building%20Natural%20Capital%20Accounts%20in%20Ghana.pdf>
- **NCA Implementation Strategy** provides
<http://www.epa.gov.gh/epa/sites/default/files/downloads/publications/NCA%20Report%204%20SEEA%20implementation.pdf>
- **Critical Analysis of NCA Report**
http://www.epa.gov.gh/epa/sites/default/files/downloads/publications/Critical%20Analysis%20on%20Building%20Natural%20Capital%20Accounts%20in%20Ghana%20%282%29_1.pdf
- **2013 Energy PSUT/Account;**
<https://ecastats.uneca.org/acswweb/FocusArea/s/eLearning.aspx>
- **Asset Accounts for Mineral Resources**
http://www.epa.gov.gh/epa/sites/default/files/downloads/publications/Asset%20Accounts%20for%20Mineral%20Resources_Pilot_Ghana.pdf
- **Connect Ghana Project**
<http://www.epa.gov.gh/epa/sites/default/files/downloads/publications/Feasibility%20Study%20on%20the%20Establishment%20of%20Building%20Natural%20Capital%20Accounts%20in%20Ghana.pdf>
- **Environment Statistics Compendium 2020**
<http://www.epa.gov.gh/epa/sites/default/files/downloads/publications/Environment%20Statistics%20Compendium%202020.pdf>
- **Environment Statistics Compendium 2020**
<http://www.epa.gov.gh/epa/sites/default/files/downloads/publications/Environment%20Statistics%20Compendium%202020.pdf>
- **Country Environmental Analysis 2020**
<https://documents1.worldbank.org/curated/en/419871588578973802/pdf/Ghana-Country-Environmental-Analysis.pdf>

Ghana/World Bank GPS Program on NCA (2022-2024)

Ghana-GPS Natural Capital Accounts

Land & Ecosystems Extent	Wealth Accounts & Advanced Macroeconomic Indicators	National Biodiversity Strategy and Action Plans (NBSAP) - Update
Ecosystems Services	Trade off Analysis Tool for Mineral Resources	

Ghana/World Bank GPS Program on NCA (2022-2024)



The **aim** of the program is to:



Institutionalize NCA and support biodiversity management



Strengthen capacity for natural capital accounting



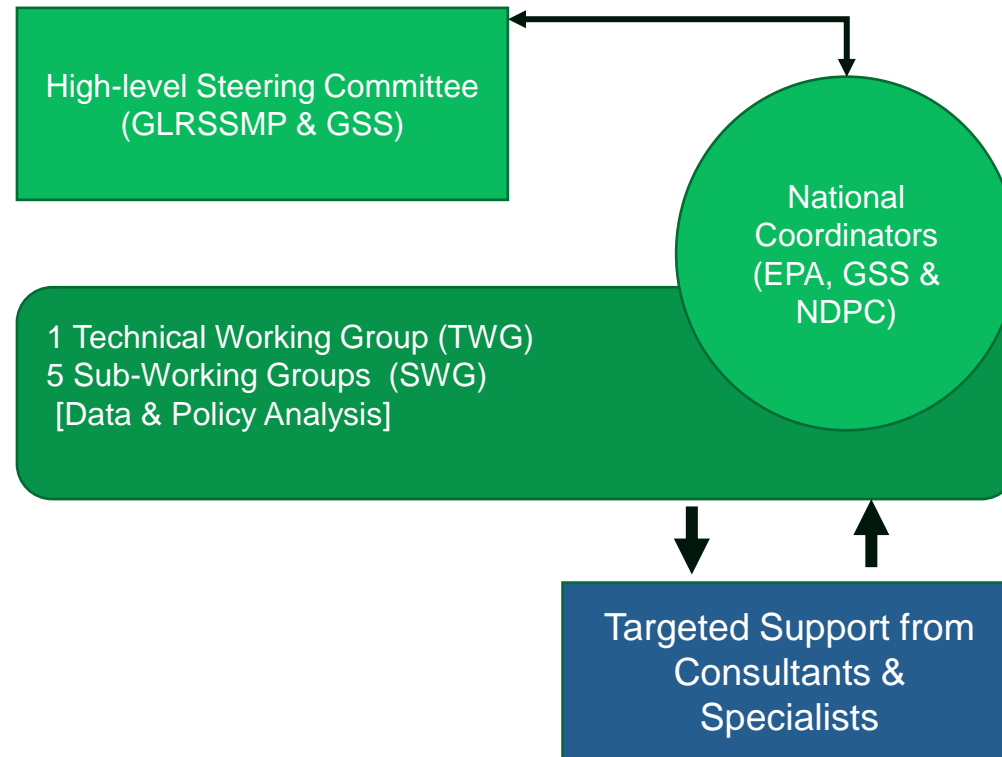
Mainstream natural capital into the policy dialogue and development planning in Ghana



Contribute to informing investments under the Ghana Landscape Restoration and Small-Scale Mining Project (GLRSSMP)

1. Institutionalization of NCA

- Builds on existing institutional arrangements & structures (GLRSSMP, GSS, COED, etc.)
- Ensure strong institutional collaboration and coordination
- Effective integration into policy and technical discussions
- Foster continuity of NCA activities across relevant institutions



Ghana NCA Institutional Arrangements

2. Strengthen Capacity for NCA & Use

The program has adopted a “learning-by-doing” approach



Participation in knowledge exchanges (GPS, Rwanda, Nigeria, Ethiopia, Statistics Netherlands, etc.)



Account-specific technical capacities are being built and strengthened directly across sixteen (16) institutions

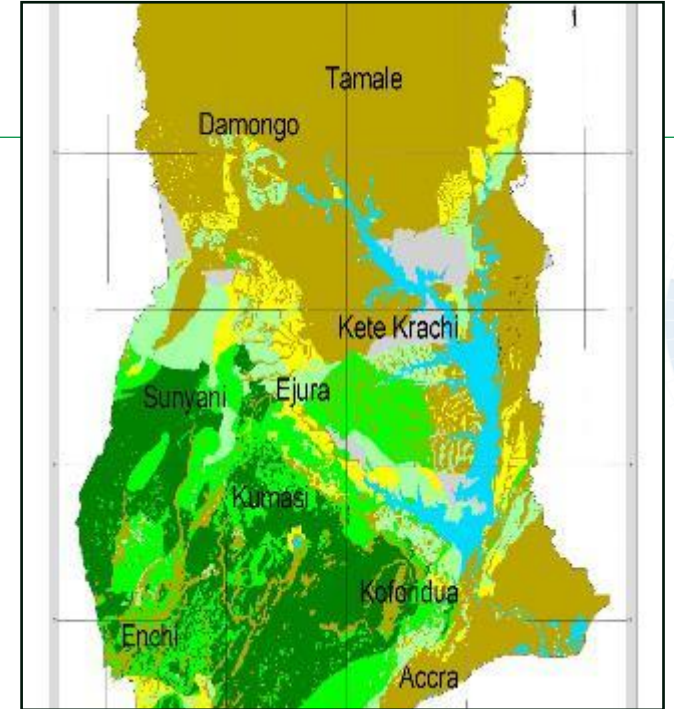
2. Strengthen Capacity for NCA & Use – cont'd



Bridge the gap that exist within the science/data-policy interface

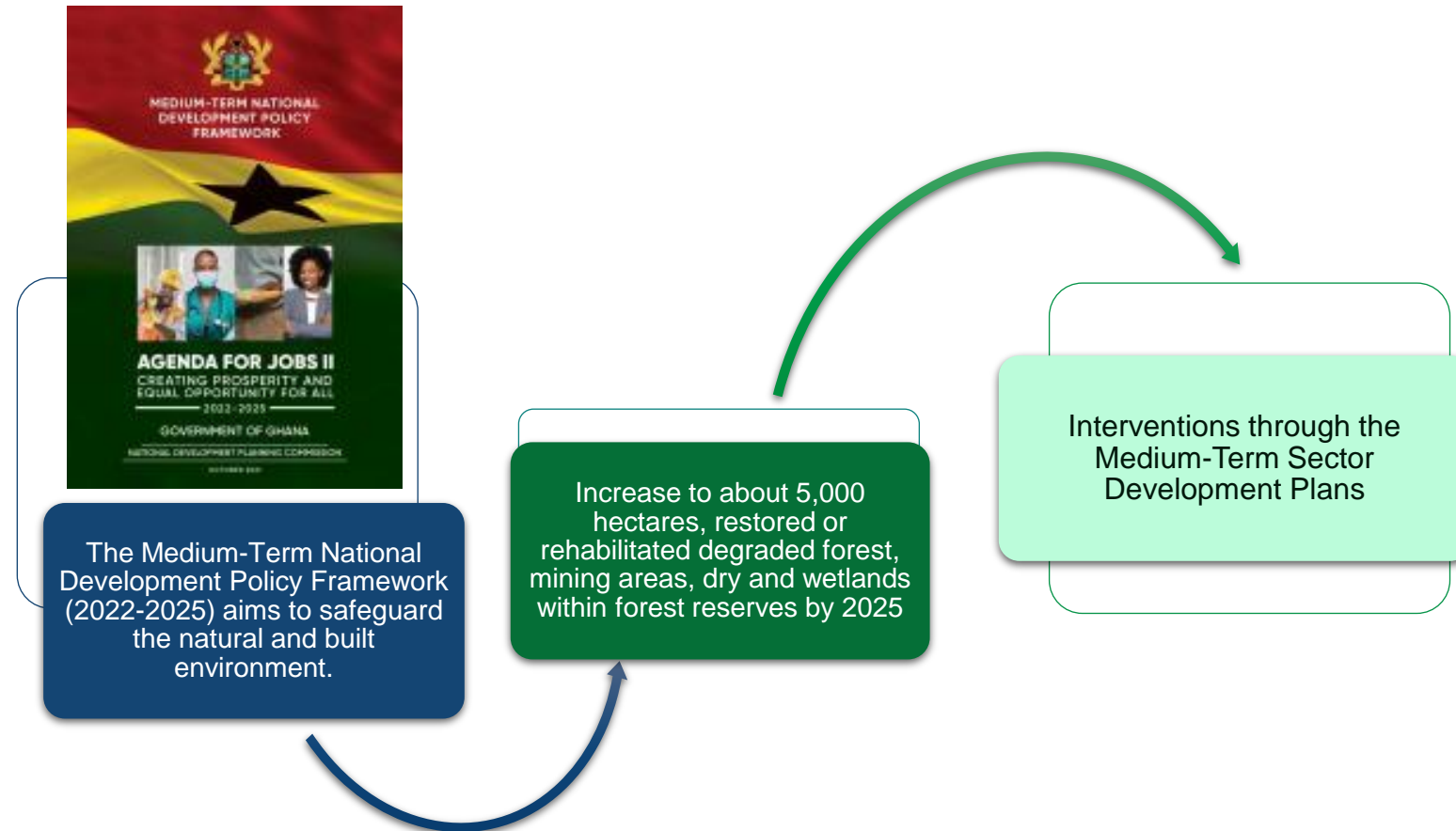


Sensitize, raise awareness and educate the policy makers, media, private businesses, academics, media & the public on NCA



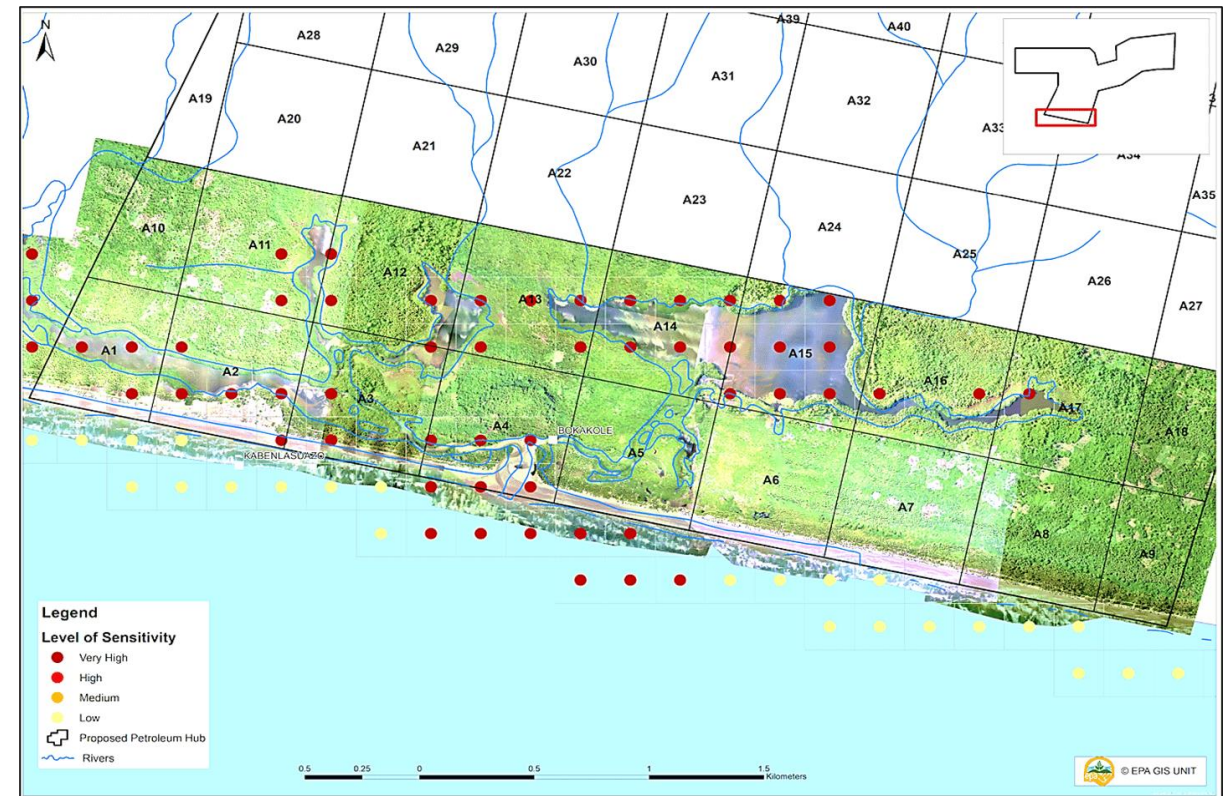
Facilitate a national dialogue on the opportunities that NCA presents i.e. National Natural Capital Forum

3. Mainstream Natural Capital into Development Planning

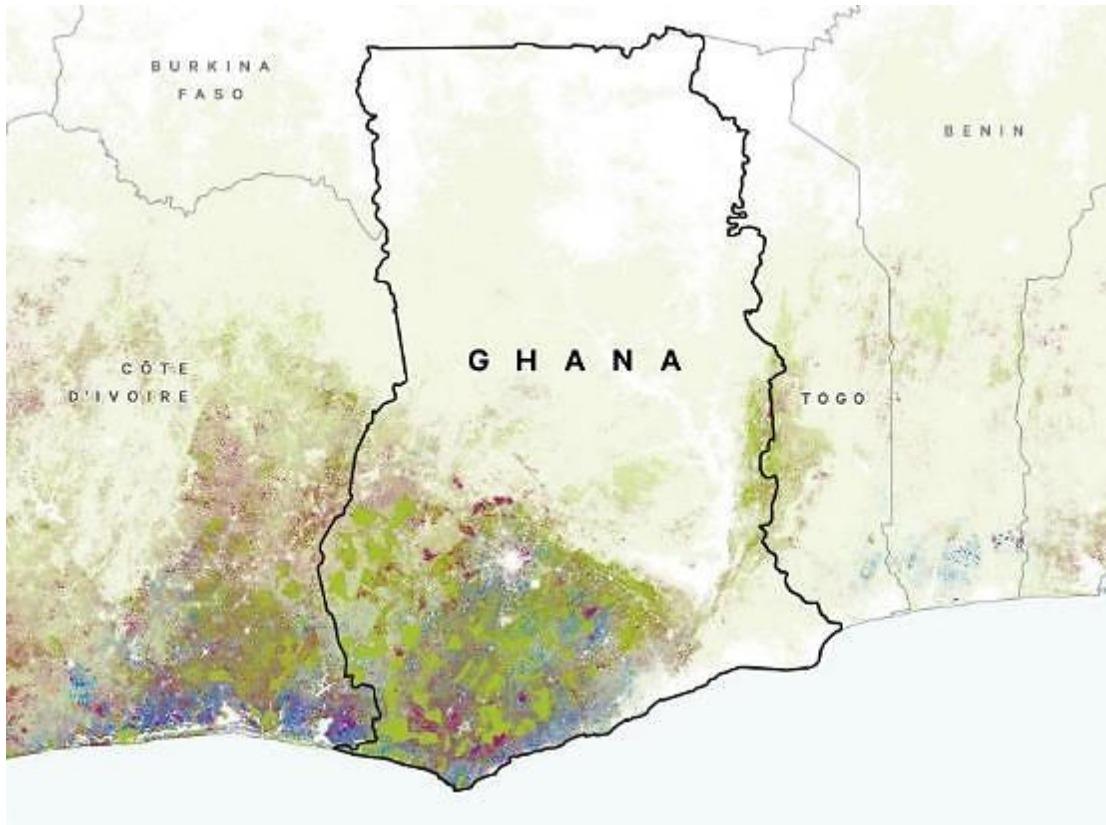


3. Mainstream Natural Capital into Development Planning – cont'd

- Establishment of ownership and type of ownership
- Inform the development and use of spatial planning frameworks at the national and district level
- Updated and high-resolution land use and land cover change (LULCC) maps
- Quantify (physical and monetary terms) the stock of wood over a period to ascertain any gains/losses
- Understand the scale of Payment of Ecosystems Services (PES) opportunities for the forestry sector







3. Mainstream Natural Capital into Development Planning – cont'd

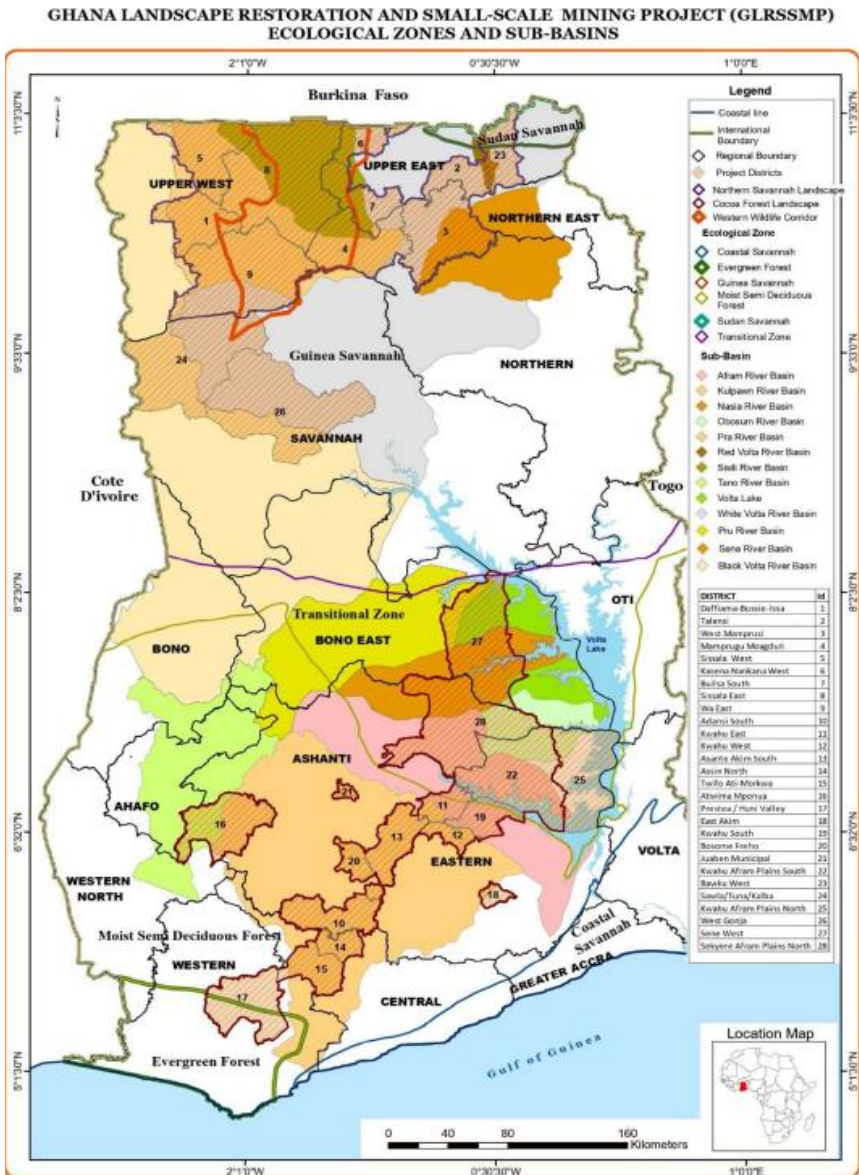


- Contributions to plantation development and eco-tourism potential
- Improve the estimation of National Accounts and inform policies
- Understand the impacts of various land management practices and land-use related pressures on ecosystem conditions and services
- Determine monetary values for key types of ecosystem services e.g., payment for ecosystem services (PES), micro-climates for the cocoa sector, carbon sequestration, watershed protection, etc
- Update the National Biodiversity Strategy and Action Plans (NBSAP)

4. Inform Investments under the Ghana Landscape Restoration & Small-Scale Mining Project (GLRSSMP)

			
<p>The program will develop land accounts that describe changes in land cover classes between 2015, 2019, and 2021</p>	<p>This will be used for monitoring various frameworks</p>	<p>Disaggregate land accounts to (sub)national level for selected districts in which the GLRSSMP project operates</p>	<p>Overall monitoring and evaluation of project impacts in the future</p>

4. Inform Investments under the Ghana Landscape Restoration & Small-Scale Mining Project (GLRSSMP) – cont'd



- Generate ecosystem services account for selected watersheds within the GLRSSMMP
- The Soil and Water Assessment Tool (SWAT)
- Prioritize ecosystem restoration areas (project planning)
- The NCA program will generate maps of selected ecosystem services.



Conclusion

- Ghana has so far implemented the United Nations (UN) System of Environmental-Economic Accounting Central Framework (SEEA CF) for integrating environment with economic data for energy physical supply and use tables; and mineral asset accounts, etc
- The Ghana-GPS NCA Program will continue to leverage on initial studies and existing structures to strengthen institutional capacity for natural capital accounting
- Deepen the ongoing national dialogue and advocacy on natural capital accounting
- Ultimately, support the national objective of producing Green Gross Domestic Product/Environmentally Adjusted GDP for relevant policy uses, among others

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Thank You!

