

# Africa Natural Capital Atlas

## Project Lead:

Africa Development Bank (AfDB), and United Nations Environment Programme (UNEP)

## Technical Partners:

Stockholm Environment Institute (SEI)

Regional Center for Mapping of Resources for Development (RCMRD)

Centre de Suivi Écologique (CSE)

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## Act now to safeguard biodiversity, nature's asset class in Africa - Dasgupta Review

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Dr. Åsa Persson

# The economics of biodiversity: an African dialogue

Join Dr Akinwumi Adesina, the President of the African Development Bank (AfDB), Professor Sir Partha Dasgupta, SEI Africa Centre Director Dr Philip Osano, and technical level panelists from African governments, United Nations agencies, academia, and the private sector. The experts will focus on implications of the Dasgupta Report for Africa and the resulting opportunities.



# Africa Natural Capital Atlas

## Table of Content

### **INTRODUCTION TO THE REPORT (2 PAGES)**

1. Background
2. Rationale for the Atlas
4. Scope of the Atlas
5. Methodology and Framework

### **CHAPTER 1: INTRODUCTION (5 PAGES)**

- 1.1 Overview of natural capital of Africa
- 1.2 Contribution of natural capital to African economies
- 1.3 Nexus between continental and global agenda: High 5s, SDGs and Africa's Agenda 2063

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2.4 Economics of biodiversity and nature

# CHAPTER 3: KEY DRIVERS OF CHANGE

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3.2 Growing population and rapid urbanization

3.3 Economy including wildlife tourism

3.4 Digital transformation

3.5 Climate change and other shocks

3.6 Conflict over resources

# CHAPTER 4: PLACE-BASED ANALYSIS OF CHANGING NATURAL CAPITAL : HOTSPOTS AND HOPE SPOTS (55 PAGES)

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4.3 Cropland

4.4 Forests

4.5 Rangelands

4.6 Biodiversity

4.7 Water resources

4.8 Marine and coastal zones

4.9 Energy

4.10 Minerals and mining

4.11 Impact of climate change and natural hazards

4.12 Environmental burden of diseases

4.13 Transboundary ecosystems

# SUMMARY - TOTAL NUMBER OF SITES: 60

Water and Wetlands: 12

Cropland: 7

Forest: 12

Biodiversity and Protected Areas: 7

Renewable Energy: 7

Extractive Sector: 15

# Illegal mining in Ghana?



Satellite image in 2011 and 2021 showing illegal mining (galamsey) near Twifo Praso on River Pra, Ghana. Green is vegetation cover, and other

**Countries need to provide 'ground truthing' and story line for already identified 40 sites like this**



# CHAPTER 5: COUNTRY PROFILES (2- 3 PAGES PER COUNTRY 54X3 =120-140 PAGES)

## 5.1 Overview

5.2 Country profiles focused on contribution of nature to GDP , **Inclusive Wealth**, case studies of nature-based solutions.

UNEP 2023 Inclusive Wealth Report is under review and country specific data and storyline can be used only after the publication of the report

# Inclusive Wealth Index (IWI) accounting framework

The visual equation shows a large 'W' followed by an equals sign, then three icons: a gear, a fingerprint, and a tree, each preceded by a plus sign.

- The IWI accounting framework values assets enabling the productivity of countries.
- These assets can be represented as produced, human, and natural capital.
- This framework reveals:
  - The linkages between capital types.
  - Sustainability performances based on capital stock variations.

## Linkages between capital types

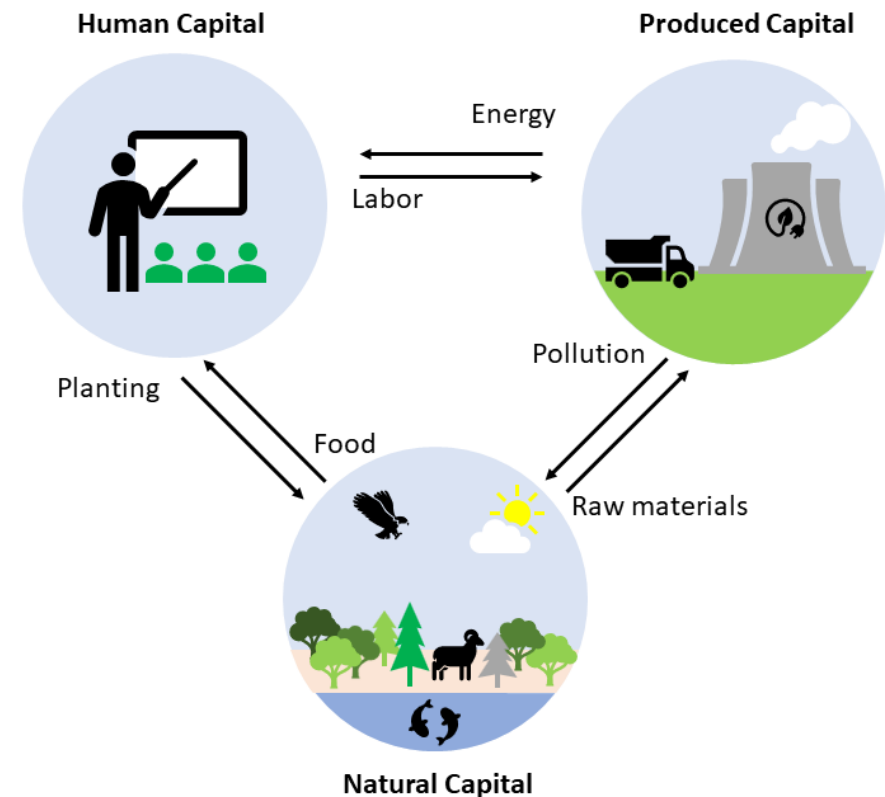
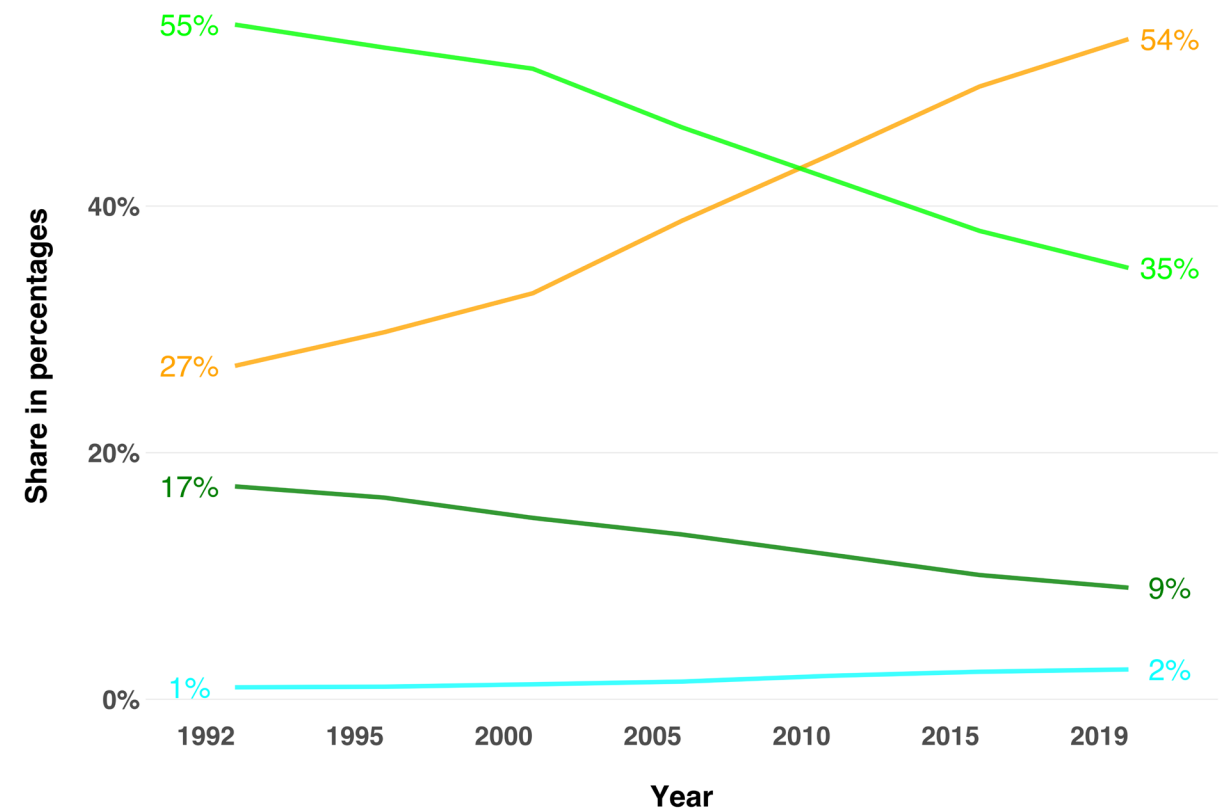
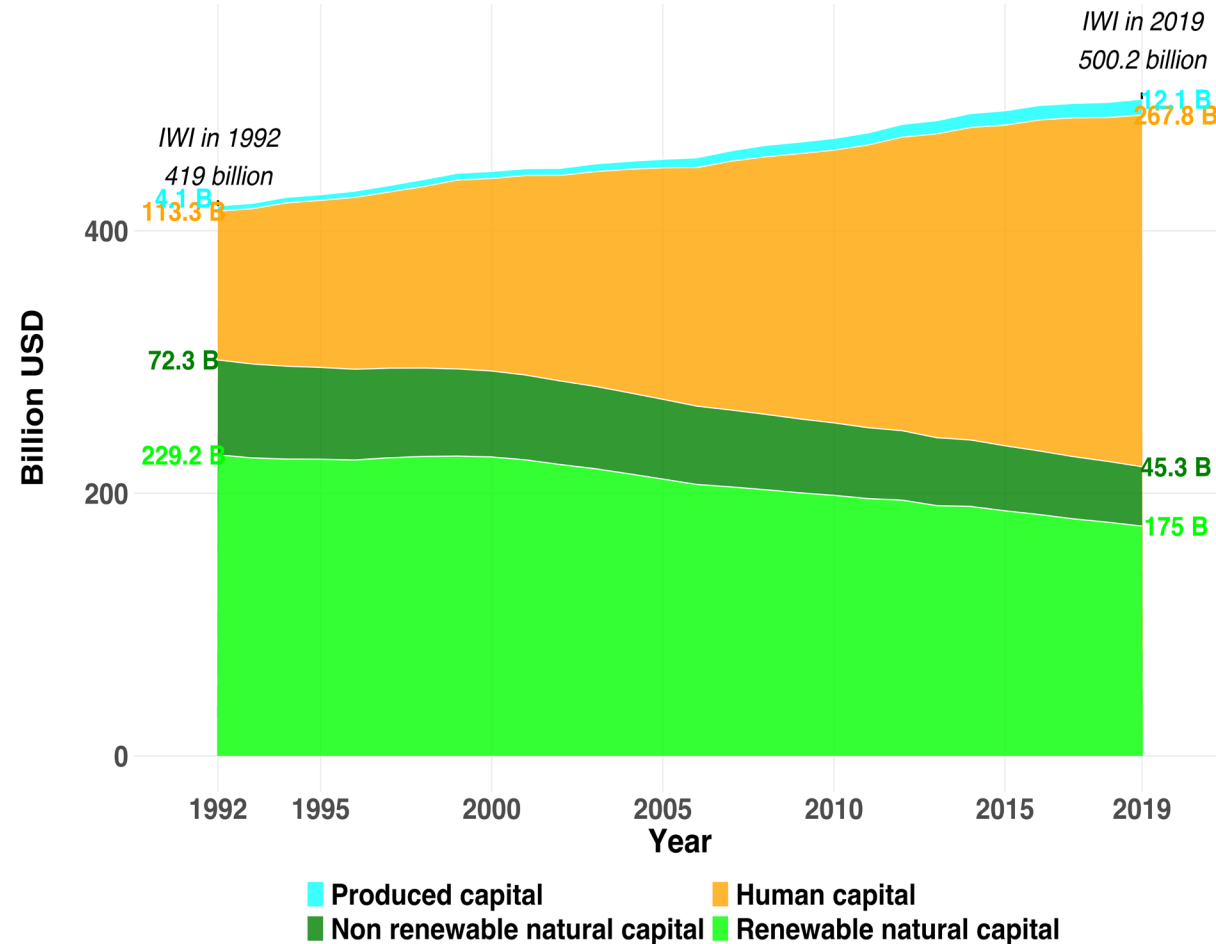


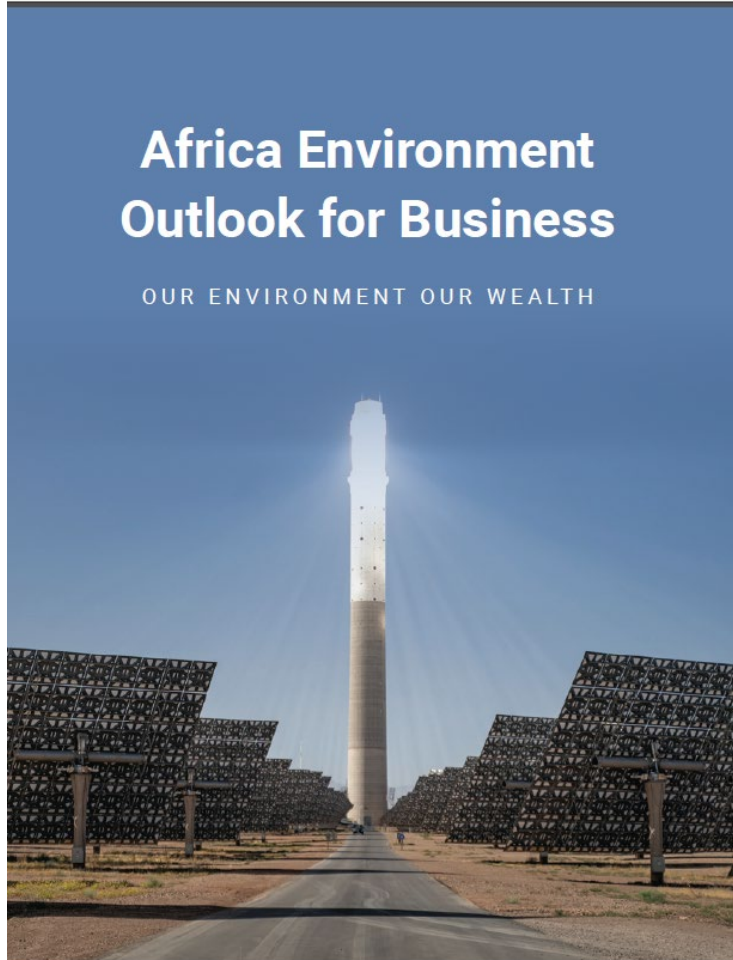
Figure 3: modified from The Economics of Biodiversity: The Dasgupta Review

# Inclusive wealth analysis – Composition of IW

Human capital passed renewable natural capital to become the primary source of African wealth



# Case studies of nature-based solutions



## Africa Environment Outlook for Business

OUR ENVIRONMENT OUR WEALTH

**Success stories and best practices** to inspire entrepreneurs and businesses to embrace **ecologically sound and disruptive innovations** that will shape Africa's sustainable development trajectory by and beyond 2030.

**CHAPTER 01:** Introduction

**CHAPTER 02:** Key Drivers for Sustainable Investment in Africa

**CHAPTER 03:** Africa's Environmental Priorities

**CHAPTER 04:** Green Business Opportunities

**CHAPTER 05:** The SWITCH Africa Green and SwitchMed Initiatives

**CHAPTER 06:** Financing for Nature and Private Sector Investments

**CHAPTER 07:** Leveraging the African Continental Free Trade Area (AfCFTA) for Green Businesses in Africa

**CHAPTER 08:** Strategies and Policies for Scaling Africa's Green Business

**CHAPTER 09:** Strategies and Policies for Minimising Risks

**CHAPTER 10:** Enhancing African business processes with Digital Transformation



Link: <https://www.unep.org/resources/report/africa-environment-outlook-business#:~:text=Through%20the%20lens%20of%20success,trajectory%20by%20and%20beyond%202030.>

# CHAPTER 6: Restoring natural capital of Africa

## 6.1 Overview

## 6.2 Best practices for nature restorations in Africa

**THANK YOU**