



Coordinator ESA region:  
Christine Mentzel

# Biodiversity and Protected Areas Management Project

Technical Advisor ESA region:  
Selwyn Willoughby

FlexiCadastre EMEA Regional User  
Conference, Cape Town, South Africa  
13 & 14 February 2015

BIOPAMA: building a partnership  
between the biodiversity  
conservation sector and the extractive  
industry

## Biodiversity and Protected Areas Management (BIOPAMA) Project

- Funded by the European Development Fund on the Intra-ACP line (Africa – Caribbean – Pacific)
  - 20 M EUR for the period 2011-2015
- Implementing agencies:
  - EC Joint Research Centre (JRC) & International Union for the Conservation of Nature (IUCN): Observatories & Protected Areas
  - German Society for International Cooperation (GIZ): Access and Benefit Sharing

## Vision

Address threats to biodiversity in Protected Areas in ACP countries through:

- **improving access to the best available information**
- enhancing the work of existing institutions and networks
- building capacity to improve policy and decision-making on biodiversity conservation, protected areas management, and access and benefit sharing.

# What is a Protected area?

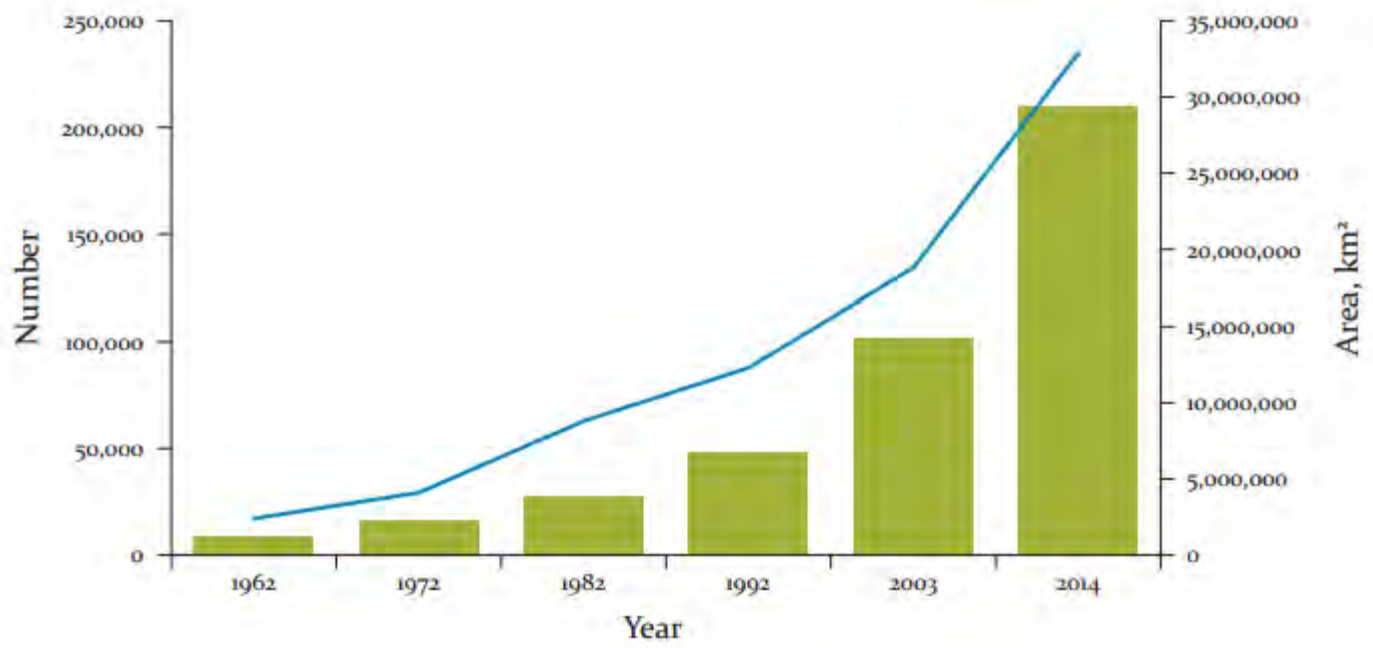
Terrestrial

A protected area is a clearly defined geographical space, recognised, dedicated and managed, through legal or other effective means, to achieve the long term conservation of nature with associated ecosystem services and cultural values. (IUCN Definition 2008)

# What is a Protected area?

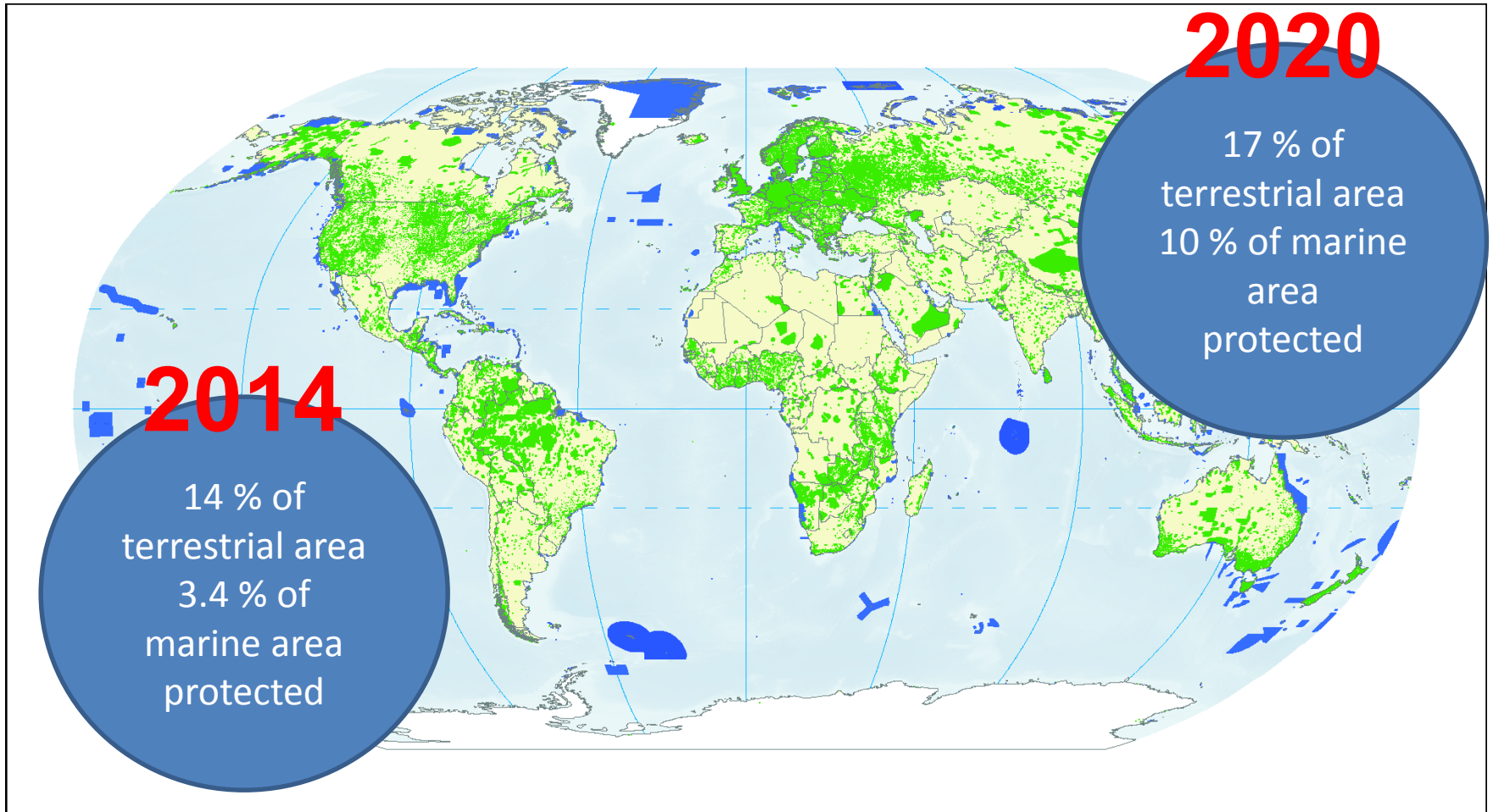
Marine

**A protected area is a clearly defined geographical space, recognised, dedicated and managed, through legal or other effective means, to achieve the long term conservation of nature with associated ecosystem services and cultural values. (IUCN Definition 2008)**



terrestrial and marine protected area network: number of sites (green bars) and in area (km<sup>2</sup>; blue line)

(Source: <http://unep-wcmc.org/>)



## Overview of protected areas as included in the World Database on Protected Areas



Protected areas — fully or partially marine



Protected areas — terrestrial



# Impact of mining on Protected Areas **BIOPAMA**



Driver of economic growth & job creation

Increasing co-operation and awareness between EI & conservation interests

Direct & indirect contributions to protected areas

Contribution to improved knowledge of biodiversity

Improved technology to minimize impact and improve restoration

Voluntary commitment not to operate in existing UNESCO World Heritage Sites (ICMM)

~~Conservation or Development~~

**Conservation and Development**

Theme for East and Southern  
Africa:  
Land/Resource Use conflict/  
competition



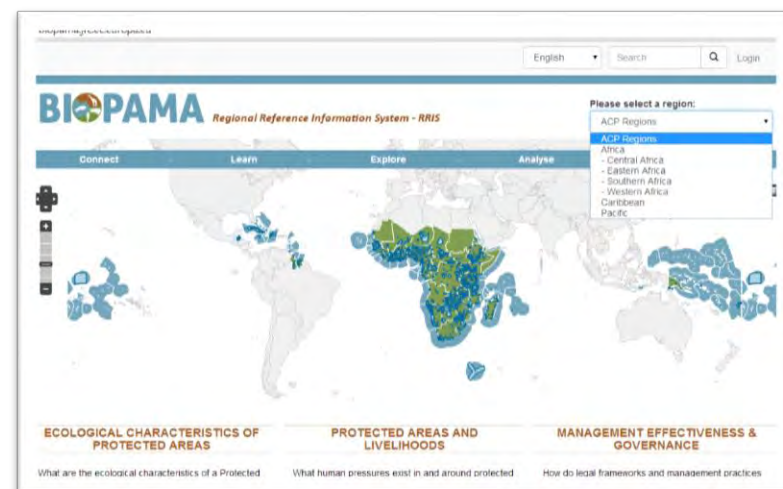
## A major objective: Implementation of Observatories

- ❖ Serve as knowledge centres for the regions;



Regional Reference Information System

- ❖ Facilitate networking of experts and institutions;
- ❖ Support capacity building;
- ❖ Coordinate technical and policy support to national agencies and regional organizations.



# Regional Reference Information System (RRIS)

biopama.jrc.ec.europa.eu <http://biopama.jrc.ec.europa.eu/>


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**BIOPAMA** *Regional Reference Information System - RRIS*

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- Central Africa
- Eastern Africa
- Southern Africa
- Western Africa
- Caribbean
- Pacific




ECOLOGICAL CHARACTERISTICS OF PROTECTED AREAS	PROTECTED AREAS AND LIVELIHOODS	MANAGEMENT EFFECTIVENESS & GOVERNANCE
What are the ecological characteristics of a Protected	What human pressures exist in and around protected	How do legal frameworks and management practices


# Regional Reference Information System – main features

- Online information System linking relevant Protected Area-related information and data in the region
- Provides access to authoritative scientific information to support policy and decision-making (e.g. information on agriculture, mining, oil and gas concessions, infrastructure)


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## Search Catalogue


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**Description contains**  
 

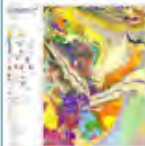
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[Global Land Cover for the Year 2000 \(GLC2000 v1.1\)](#)  
 The co-ordination of the Global Land Cover 2000 project has been carried out under the Fifth Framework Programme 1999-2002 for Research of the European Commission. In contrast to former global...

[USFS\\_Global\\_Ecoregions\\_Udvardy](#)  
 Global Ecoregions Map by Udvardy of the U.S. Forest Service. Contains three levels of classification, Domain, Division and Province of which province is the most detailed. Digital version received...

[Niokolo-Koba - Roneraies - Ronier Palm Plantations](#)  
 Roneraies autour du Niokolo-Koba / Ronier palm plantations around the Niokolo-Koba National Park, Senegal, 2001

[FAO\\_Global\\_Ecological\\_Zones\\_2001](#)  
 Along with the core information on state and changes in forests, FRA 2000 is reporting on various ecological aspects of forests. Forest resources information will be reported by ecological zone....

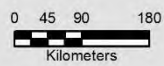
[International Geological Map of Africa Sheet 3](#)  
 Scanned map of geology of NE Africa from the 1:5,000,000 series produced by the Commission for the Geological Map of the World (CGMW)



## Protected Areas and Extractive Industries Tanzania

### Legend

- Protected Areas directly affected by extractive industry activity or interest
- Protected Areas within a 20 km radius of extractive industry activity or interest
- Unaffected Protected Areas
- World Heritage Sites
- National Parks
- Marine National Parks
- Lakes
- Roads
- Railroad
- Active Exploration
- Licenses - Mineral
- Licenses - Oil and Gas
- Oil and Gas Fields
- Mineral Deposits**
- 4
- 3
- 2
- 1
- 0

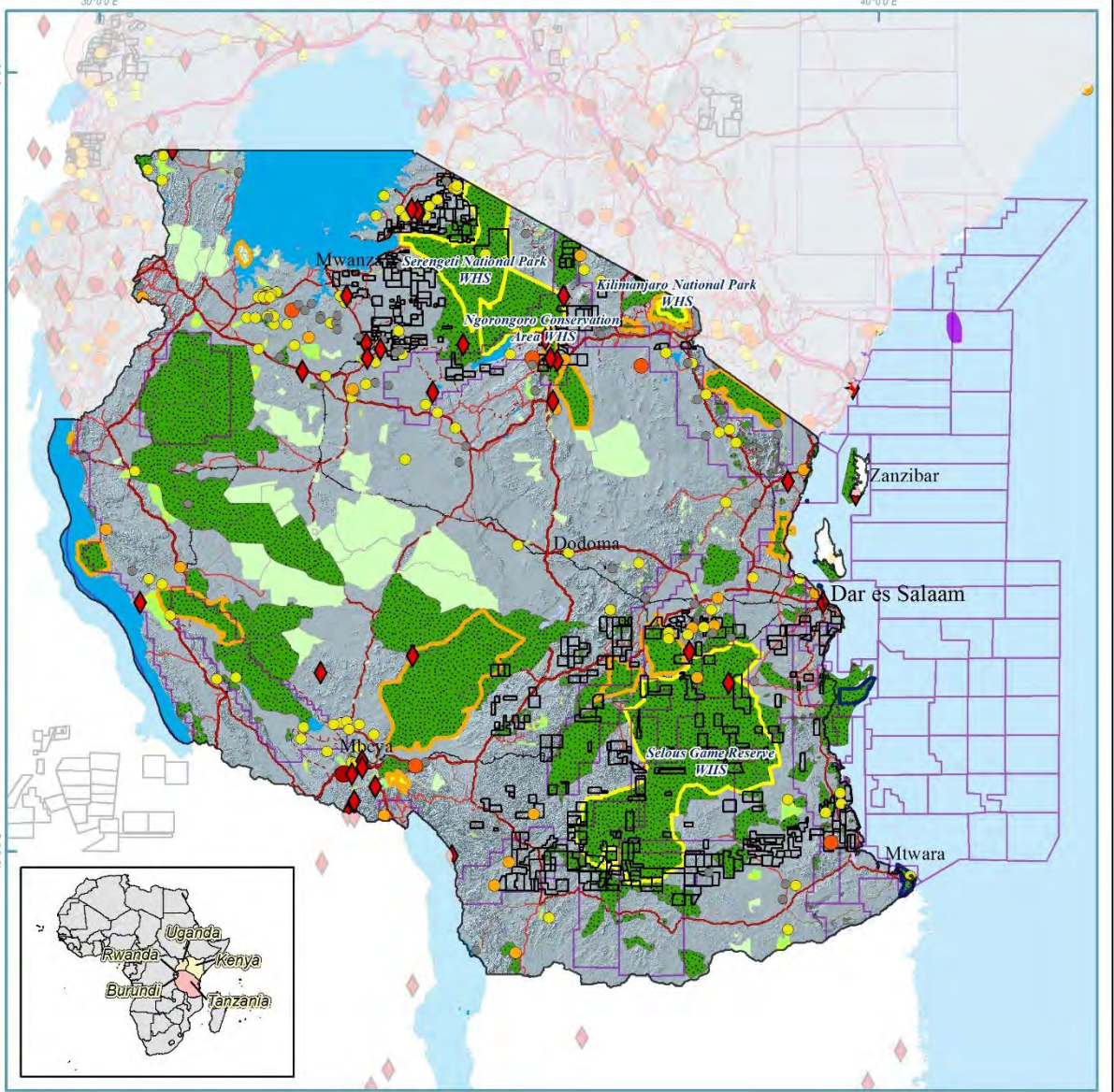


**Funding & Implementing Partners**

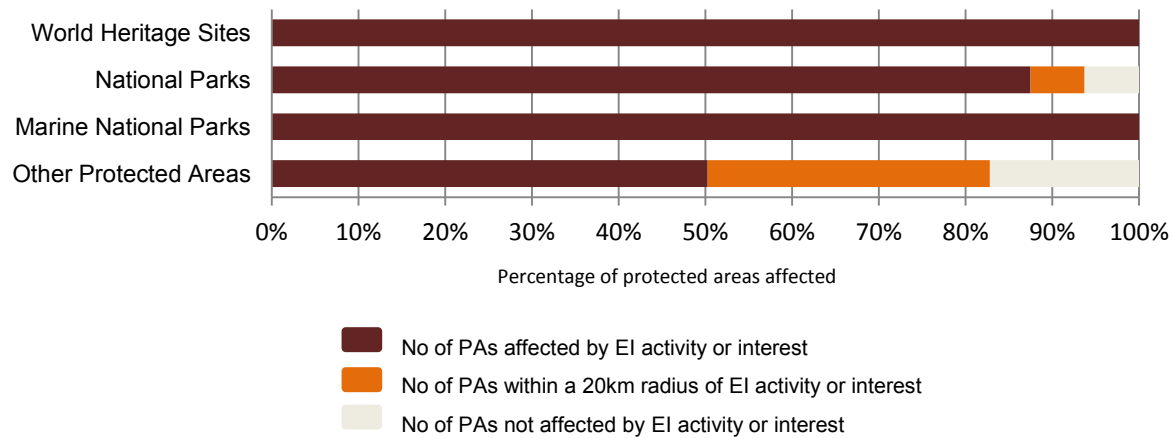
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**Data Sources**

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Protected Area (PA) type	Number of PAs in the network	No of PAs affected by EI activity or interest	No of PAs within a 20km radius of EI activity or interest	No of PAs not affected by EI activity or interest
World Heritage Sites	4	4	-	-
National Parks	16	14	1	1
Marine National Parks (including reserves & sanctuary)	5	5	-	-
Other Protected Areas	593	298	193	102
<b>Total</b>	<b>618</b>	<b>321</b>	<b>194</b>	<b>103</b>



# Benefits of the RRIS

**Access to relevant information**

**Access to credible science to support decisions**

**Speeds up the process of decision making**

**Reduce costs**

**Creates shared value through balancing conservation & development needs**

**Insight into cumulative impacts**

**Promotes cooperative governance**

**Promotes transparency**

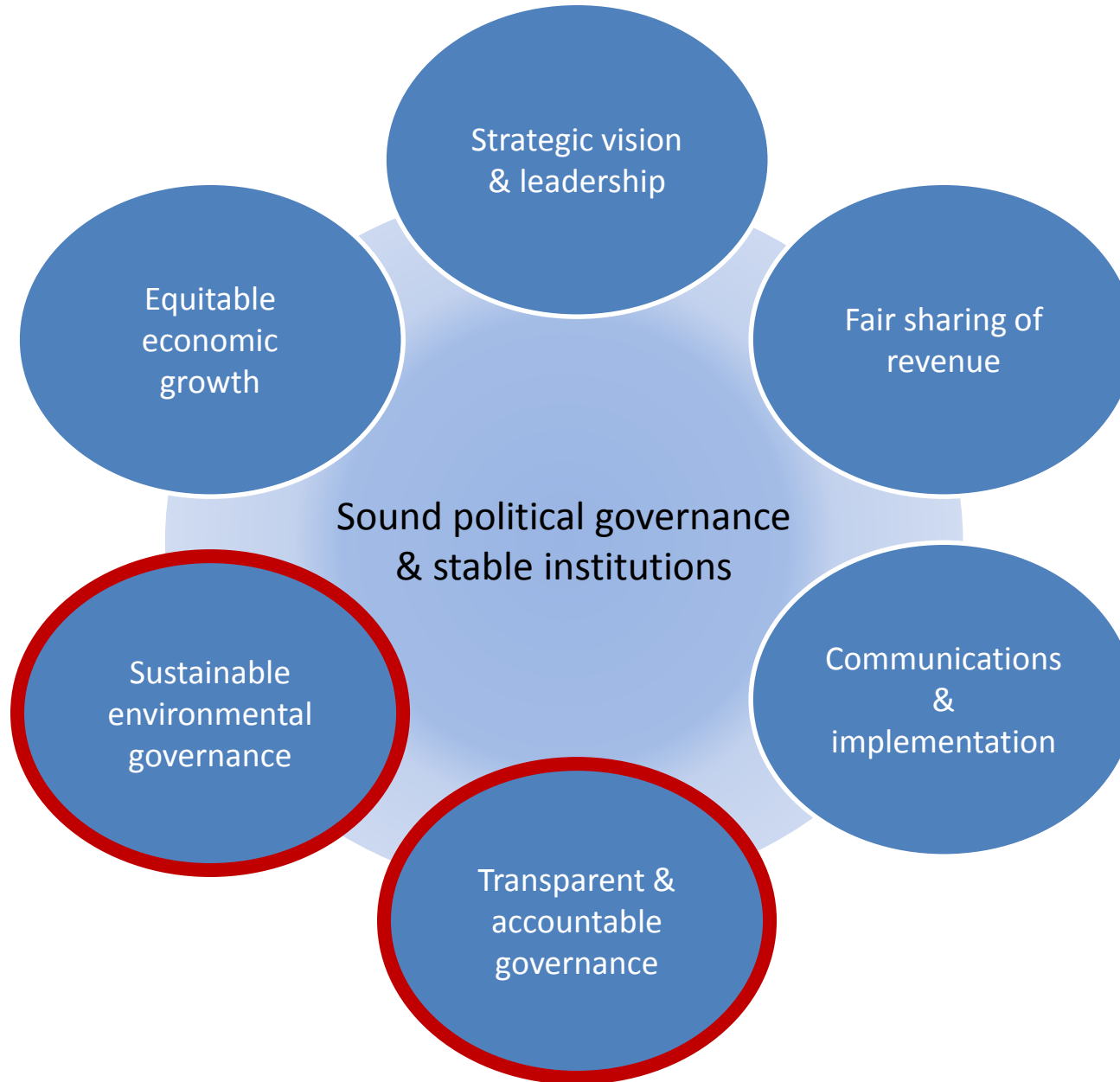
**Ensures consistent decision-making**

**Protects  
Intellectual  
Property**

**Protects Sensitive  
information**



**Ensures due  
acknowledgement**



Strategic vision  
& leadership

Fair sharing of  
revenue

Sound political governance  
& stable institutions

Communications  
&  
implementation

Transparent &  
accountable  
governance

Sustainable  
environmental  
governance

Equitable  
economic  
growth

Strengthening partnerships to promote data sharing

Building capacity to use & apply the information

Promote the uptake of the Regional Reference Information System

**THANK YOU**

<http://biopama.jrc.ec.europa.eu/>