Using indicators to support target development & reporting

Regional Workshop for Pan European (PEBLDS) Members on Updating National Biodiversity Strategies and Action Plans

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www.bipindicators.net

Biodiversity Indicators Partnership (BIP)

- CBD-mandated collaboration

- Global GEF funded initiative

1. Partnership generating information useful to decision-makers

2. Improved global indicators available

3. National governments using and contributing to delivery of global indicators
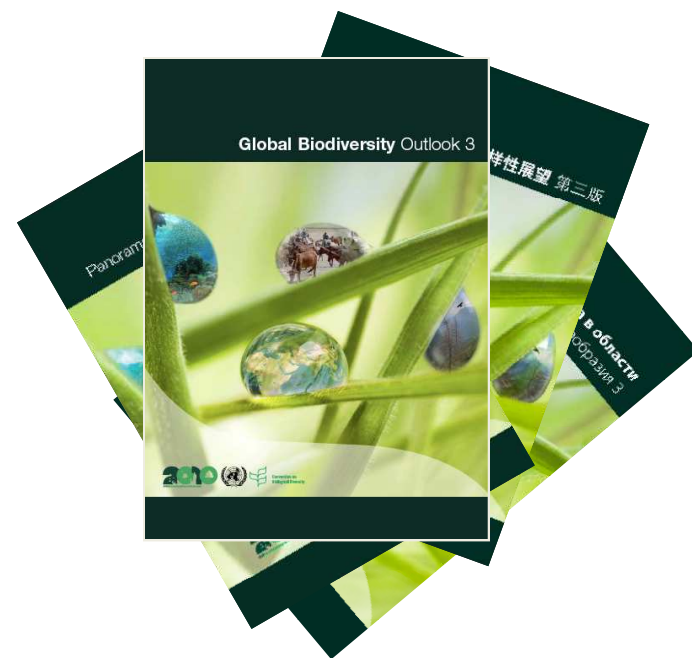
Biodiversity Indicators Partnership (BIP)

- 40 organizations working globally

2010 International Year of Biodiversity
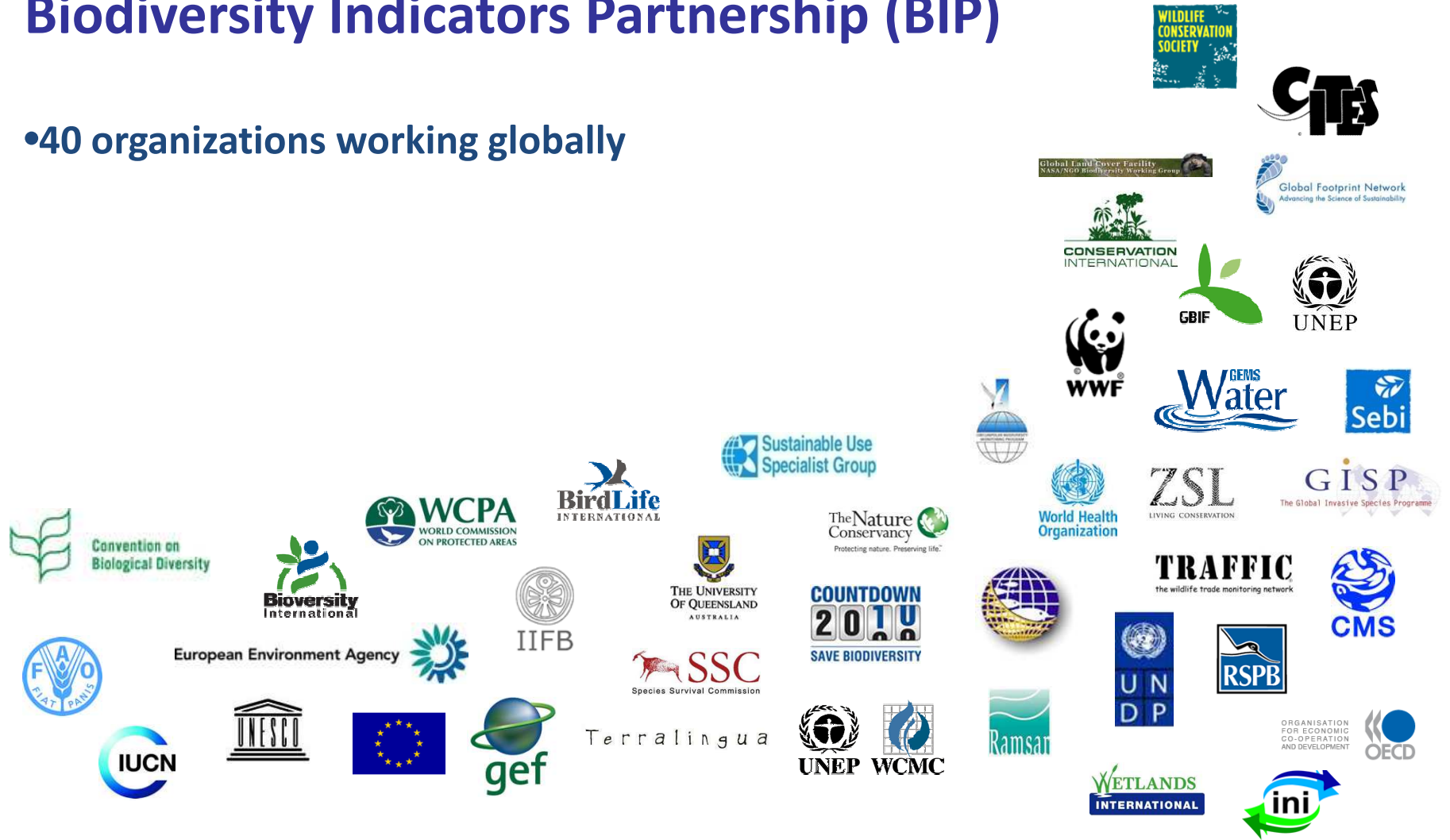
21 "headline" indicators
31 metrics

Global Biodiversity Outlook 3

Global Biodiversity: Indicators of Recent Declines

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In 2002, world leaders committed, through the Convention on Biological Diversity, to achieve a significant reduction in the rate of biodiversity loss by 2010. We compiled 31 indicators to report

**Butchart et al (2010) *Science* 328: 1164-8**

The Partnership to 2020 and beyond...

- An enlarged and **enhanced partnership** to facilitate experience sharing and indicator implementation

- A major expansion in **national** capacity-strengthening for the development and use of biodiversity / ecosystem service indicators

- A **communication hub** for compelling storylines from the combined suite of global indicators

Uses of biodiversity indicators:

- Track progress in achieving targets

- Guide policy design & implementation:
  - *Highlight where action is needed*
  - *Adaptive management*

- Build support:
  - *Communicate simple messages*
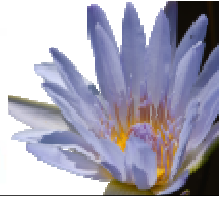
What is a successful indicator?

Scientifically valid – theory of relationship between the indicator and its purpose (what change in the indicator means) + reliability of the data

Based on available data – over time (monitoring)

Responsive to change in the issue of interest

Easily understandable – conceptually + presentation + interpretation

Relevant to user's needs

It is used!
(for measuring progress, early-warning, understanding an issue, awareness-raising, …)

Regional & national capacity building

Capacity building in 45 Countries

> **South East Asia**
> **Caribbean**
> **Mesoamerica**
> **Eastern Africa**
> **Southern**
> **Africa**

~~"National governments and regional organizations using and contributing to the improved delivery of global indicators"~~

"National governments developing and using indicators relevant to national priorities"

Aligns with the NBSAP approach:

Identification of national targets which correspond to national priorities

Indicators to monitor progress

Biodiversity Indicator Development Framework

• Tested and redefined

• Key steps for successful indicator development
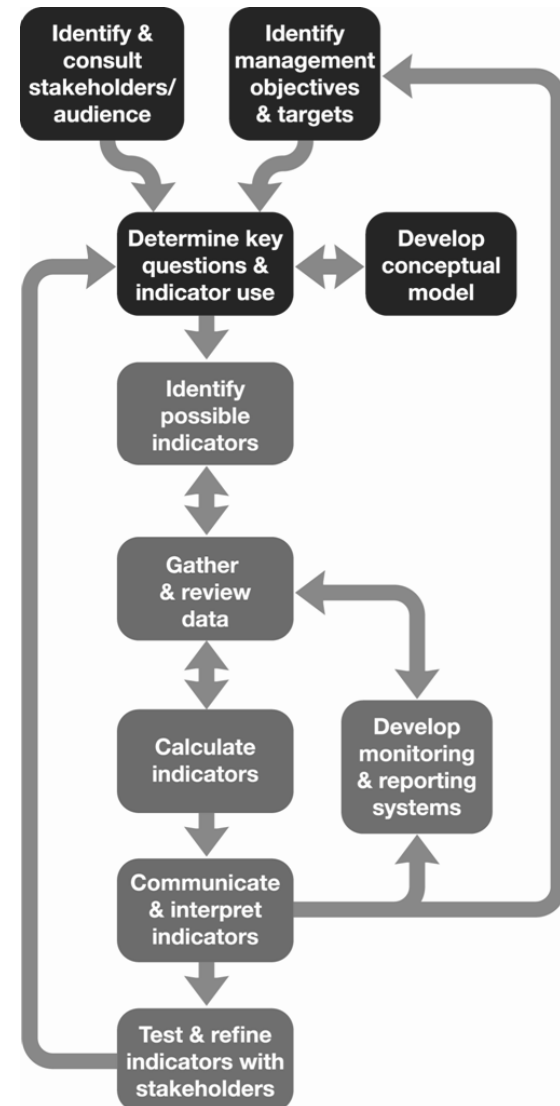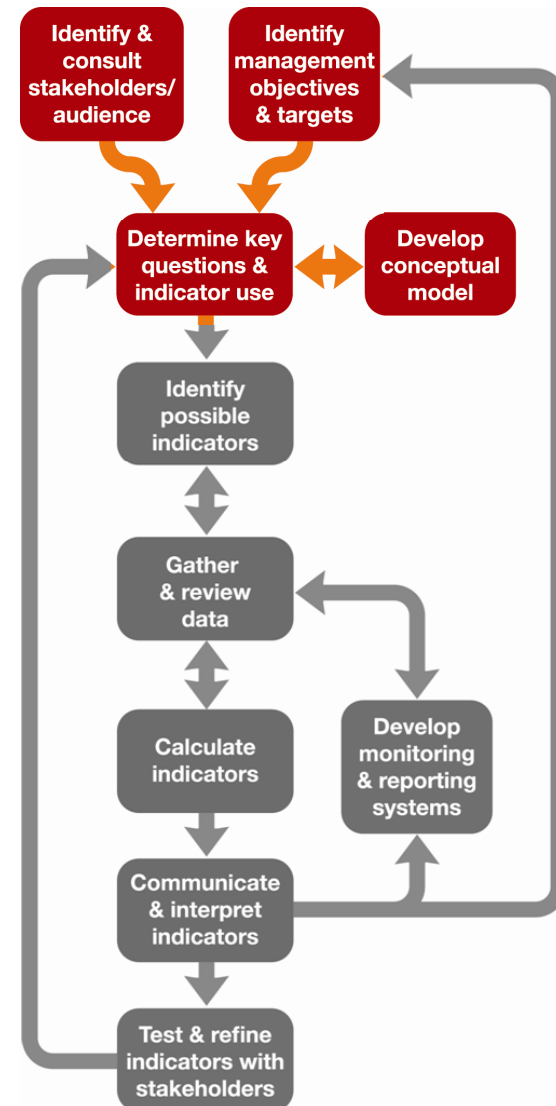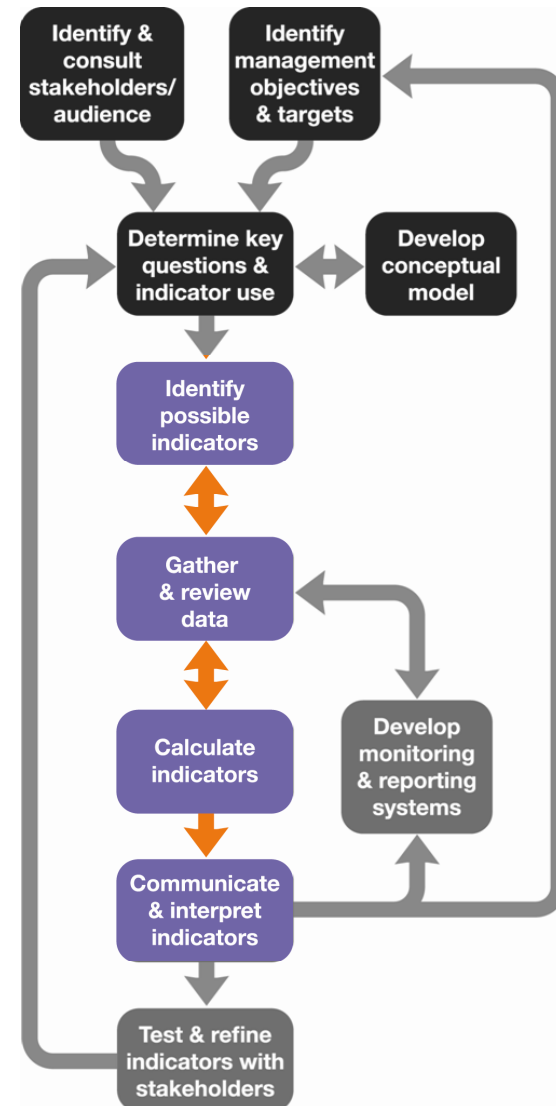
• Three themes:

Biodiversity Indicator Development Framework

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 - **Purpose** – actions needed for selecting successful indicators

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  - **Production** – essential to generate indicators

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- Three themes:

  - **Purpose** – actions needed for selecting successful indicators

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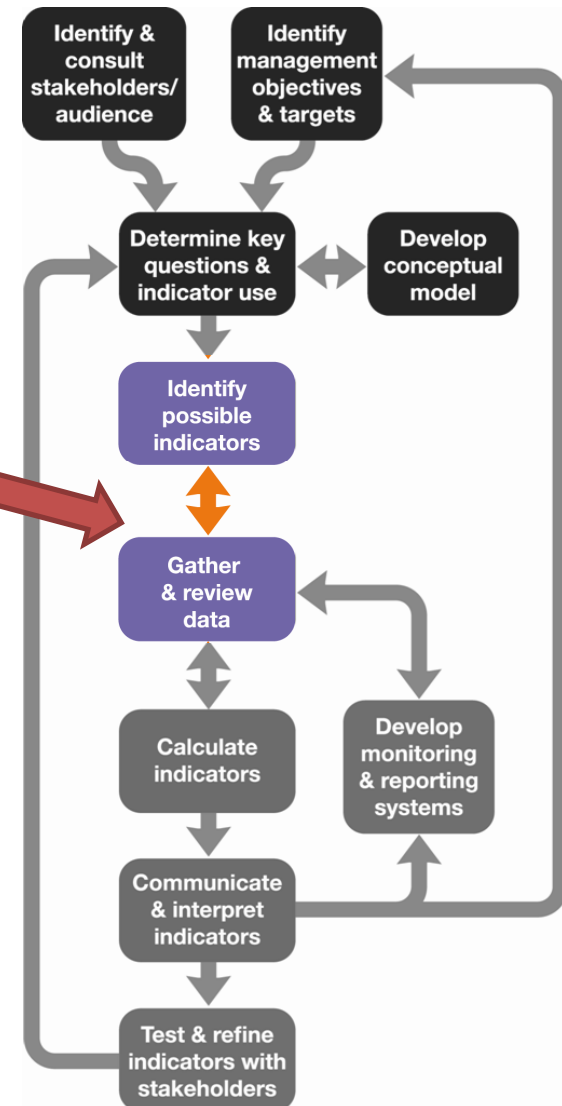 - **Permanence** – mechanisms for ensuring indicator continuity and sustainability
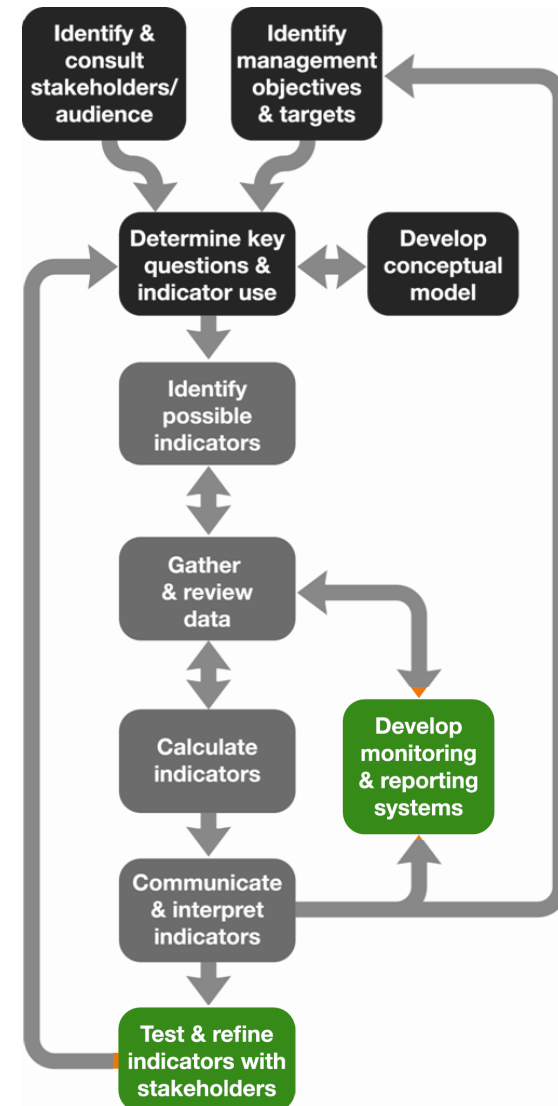
Biodiversity Indicator Development Framework

Many indicator developers start here

- Data driven

- Do not always correspond to national priorities

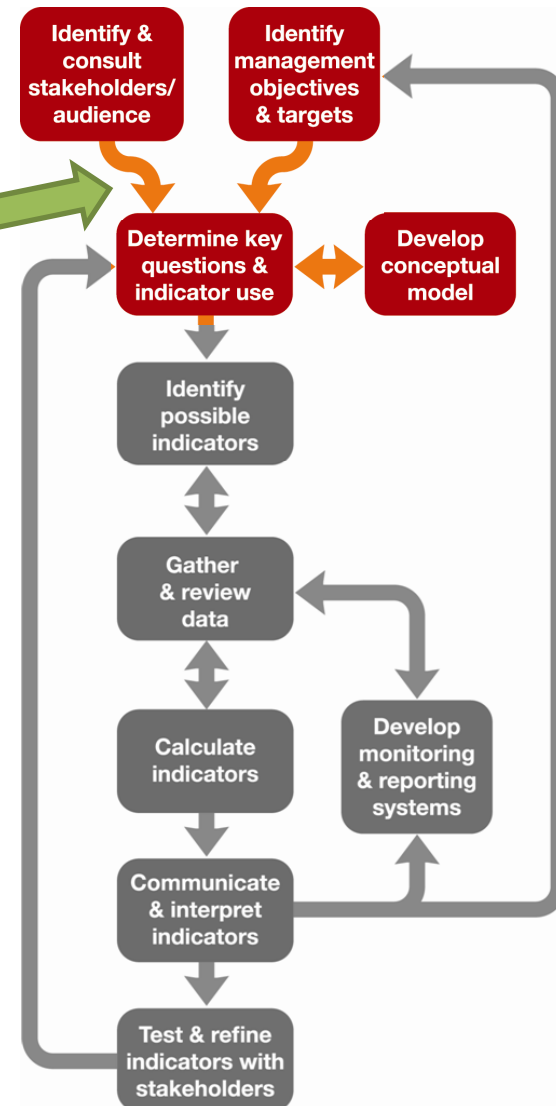- No clear links to management objectives & targets

Biodiversity Indicator Development Framework

Encourage indicator developers to start here

• Important to identify management objectives & targets

Identify & consult stakeholders/audience

Identify management objectives & targets

Determine key questions & indicator use

Develop conceptual model

Identify possible indicators

Gather & review data

Calculate indicators

Develop monitoring & reporting systems

Communicate & interpret indicators

Test & refine indicators with stakeholders
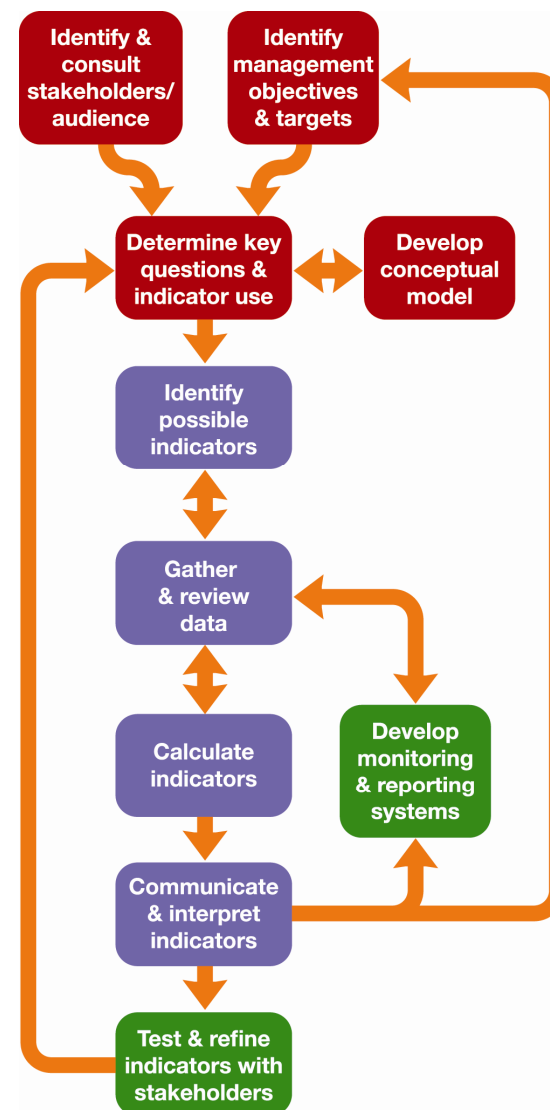
Biodiversity Indicator Development Framework

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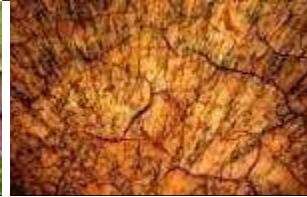- **Complements NBSAP process of target setting**
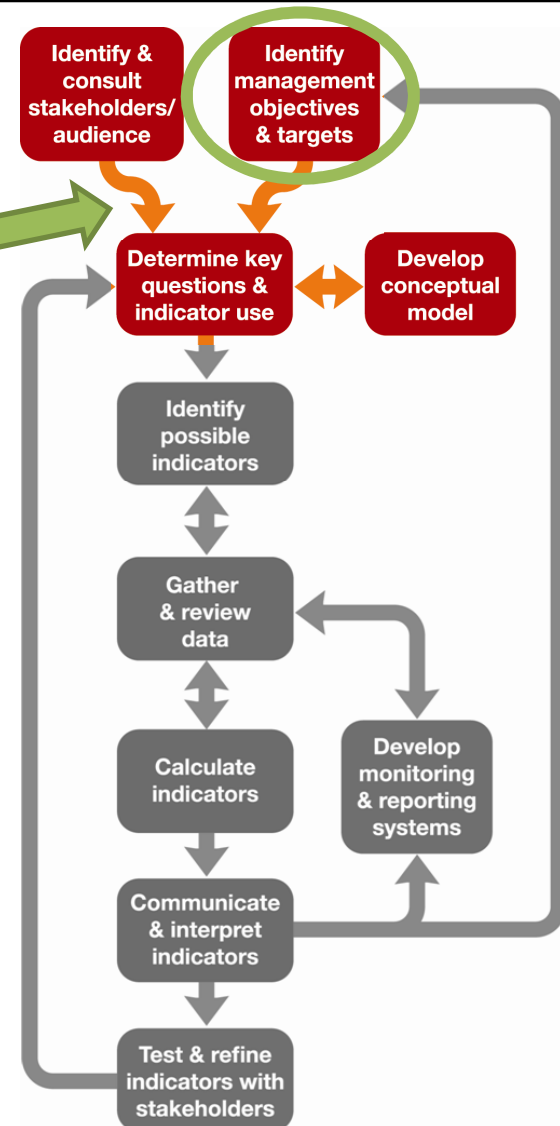
Biodiversity Indicator Development Framework

English, Spanish, French, Arabic, Russian

Considerations for PEBLDS Countries

Streamlining European 2010 Biodiversity Indicators (SEBI)

•Regional initiative for Pan European countries

•Hub of knowledge

•26 indicators under the CBD focal areas

•Map indicators to EU Biodiversity Strategy

•Form more integrated approach with MEAs

•More information see INF DOC for AHTEG:
http://biodiversity-chm.eea.europa.eu/information/indicator/F1090245995/ahteg-sp-ind-01-inf-07-en.pdf

Considerations for PEBLDS Countries

Synergies with MEAs

•The Strategic Plan for Biodiversity 2011-2020 brings together the biodiversity-related conventions

•CITES and CMS Secretariats have developed/are developing guidance to their Parties for getting involved with the NBSAPs

•National indicators could therefore become indicators for all biodiversity-related conventions

Considerations for PEBLDS Countries

Ad-Hoc Technical Expert Group (AHTEG) on indicators for the Strategic Plan - June 2011:

- Recommend development of the global indicator suite;

- Develop guidance and propose options to support Parties in their development of indicators, monitoring, reporting and setting of targets;

- Advise on strengthening the linkages between global and national indicator development and reporting.

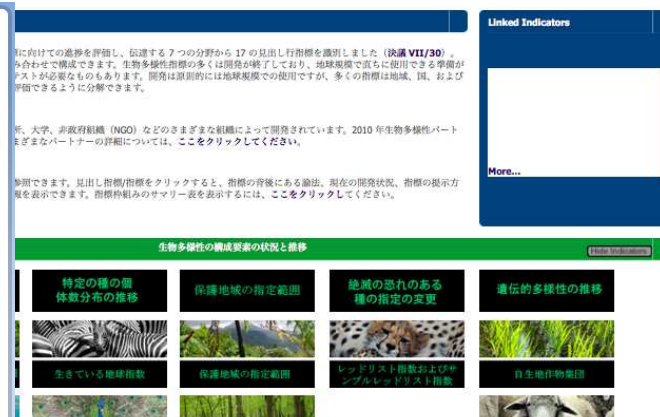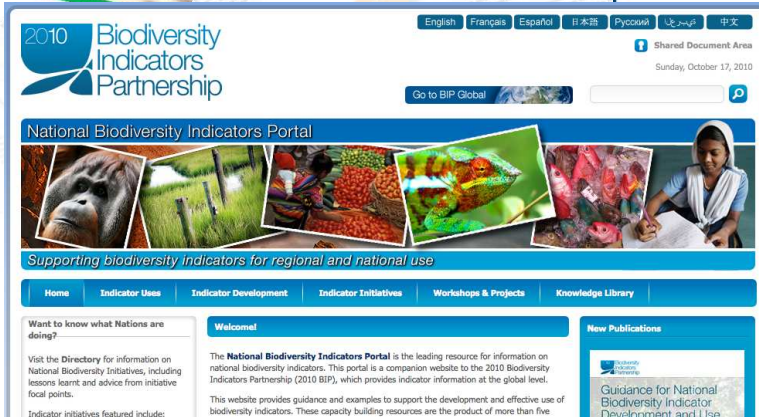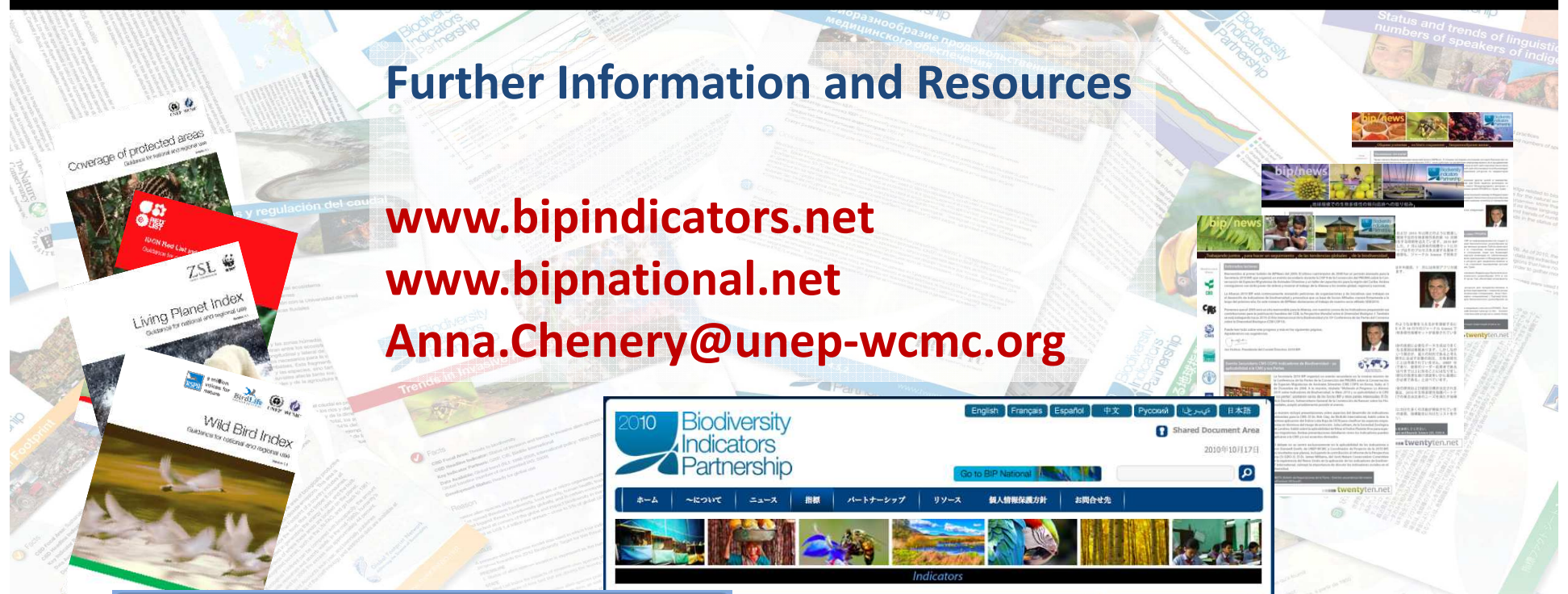- Final report available early August 2011

Further Information and Resources

www.bipindicators.net
www.bipnational.net
Anna.Chenery@unep-wcmc.org

Exercise

- In groups

- Using your own national experience and knowledge

- Discuss what would be the **easiest** and most **difficult** aspects of undertaking each stage