bioDISCOVERY

Monitoring, assessing and predicting biodiversity change

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DIVERSITAS
an international programme of biodiversity science

futureearth
research for global sustainability

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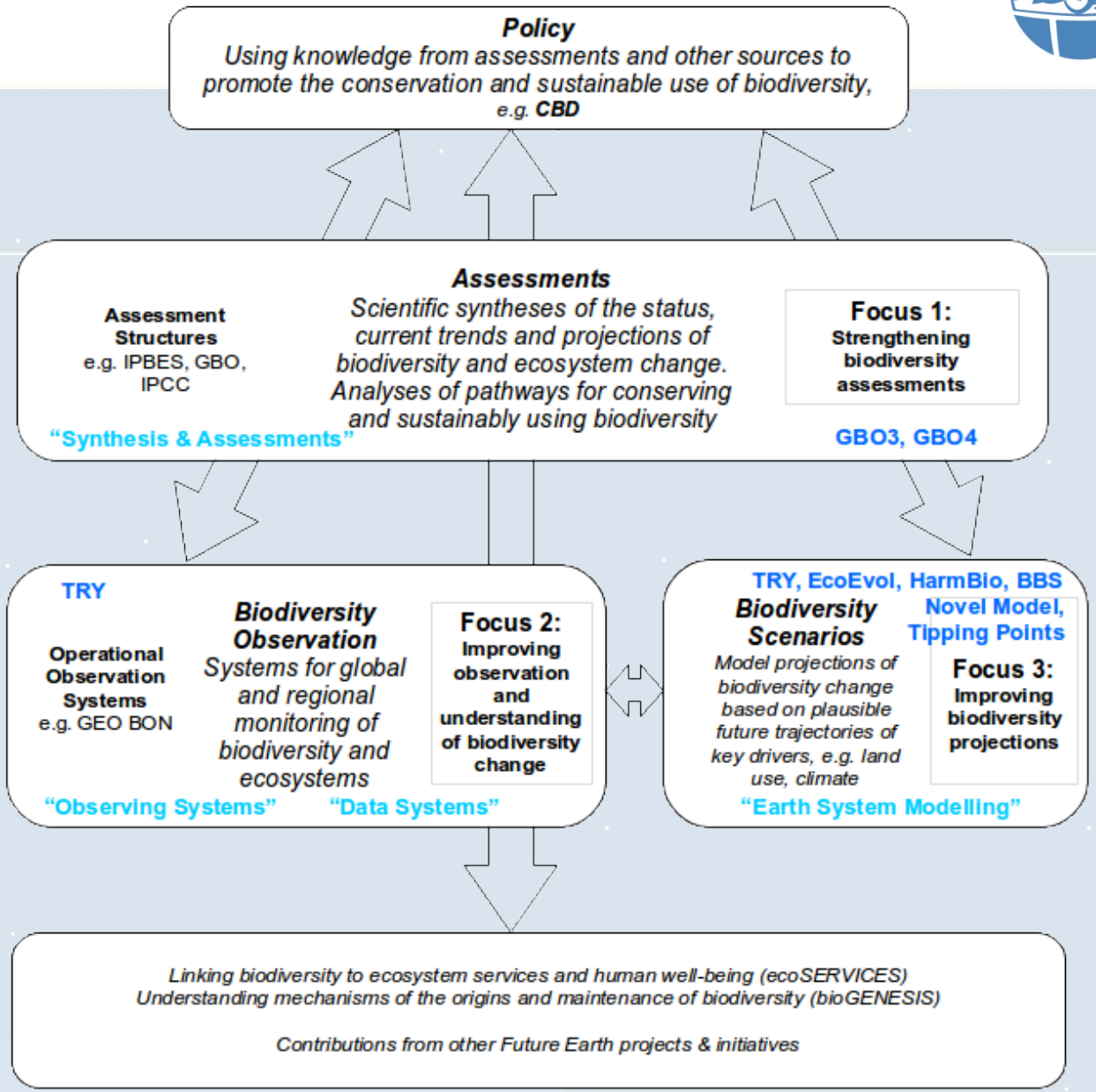
Introduction



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bioDISCOVERY as incubator

- Integrate indicators and guiding their use in assessments
  - provide fundamental science to integrate observation, data and modelling
  - facilitate integration of metrics and indicators into modelling
  - identify of new indicators, especially for policy actions and short term projections

- Making linkages between work for different conventions
  - provide tools for analysis of current pattern and projection
  - contribute to developing scenarios on biodiversity futures
  - integration of marine and freshwater issues, e.g. coral reefs (link to climate research)

- Mobilise funding to move from brainstorming to implementation and operationalisation

New Contributions

- Global Trait Database(s)
  - “Expansion” of current TRY plant database to network of global trait databases
- GBO-4 follow up
  - Developing indicators for specific and key targets, linking different streams
  - Aligning Indicators for Aichi Targets with other conventions, e.g. IPBES and IPCC
  - Integrating IPBES and IPCC scenarios
- Vulnerable systems – coral reefs, coastal zones (estuaries and mangroves) and deep sea systems
  - Integration of indicators, data and modelling
  - Interfacing observation and policy, modelling and assessment
  - Providing links to policy on global scale
- Scenarios & models of biodiversity and ecosystem services
  - Exploring variation of biodiversity in space and time
    - Reconstruction of historical data
    - Comparison of data across space and time