Science-policy interface underpinning the Aichi targets and the CBD strategic plan 2011-2020
Process and input to the Aichi targets

- Structure and set-up
- Country priorities
- **Scientific input**
- Civil society input
- Negotiations
- ...

- Vision
- Mission
- Strategic goals
- Targets
- Decision document
- Resources
- Support mechanisms
- ...

Strategic Plan for Biodiversity 2011–2020 and the Aichi Targets
"Living in Harmony with Nature"
Scientific input into the Aichi targets

- Technical and scientific studies
- Global Biodiversity Outlook 3
- Milennium Ecosystem Assessment
- Science community
  - Diversitas
- CBD COP 10
  - Nagoya 2010
- WGRI/SBSTTA
  - CBD Secretariat
- Other sources
  - IPCC
  - IRP
  - UNEP/GEO
  - FAO
  - IUCN
  - Trondheim Conference
- The TEEB Project
- Other sources
  - IPCC
  - IRP
  - UNEP/GEO
  - FAO
  - IUCN
  - Trondheim Conference
Global Biodiversity Outlook 3

- Prepared by CBD Secretariat with UNEP-WCMC
- Drew on range of information sources
  - 110 National Reports
  - Biodiversity indicators information
  - Scientific studies
  - Biodiversity futures study
- Summarized latest data on status and trends of biodiversity and drew conclusions for future CBD strategy
Scientific input to GBO3

- 500 scientific studies
- Technical study assessing biodiversity scenarios for the future
- Clear messages to CBD and COP10
- Springboard / starting point for additional research activities
Key findings in biodiversity futures study

- Projections show continuing and accelerating extinctions, habitat loss, changes in distribution and abundance of biodiversity

- High risk of dramatic biodiversity loss and degradation of ecosystem services from tipping points

- Loss preventable and even reversible with strong, urgent action
Intergovernmental science-policy platform on biodiversity and ecosystem services (IPBES)
What is IPBES?

- Independent intergovernmental body, established in 2012 by Governments, with currently 128 Member states
- Objective to provide policy relevant knowledge on biodiversity and ecosystem services to inform decision making, in response to requests from decision makers
- Currently implementing first work programme (2014-2018)
- Secretariat hosted by Germany, in Bonn
The work of IPBES is grouped around four complementary functions:

- **Assessing knowledge (synthesis & critical evaluation of available knowledge)**
  - On specific themes: “Pollinators, Pollination and Food Production” *(2016)*; “Land Degradation and Restoration” *(2018)*
  - On methodological issues: “Scenarios and Models” *(2016)*
  - At both the regional and global levels: 4 Regional assessments of Biodiversity and Ecosystem Services *(2018)*; “Global Assessment of Biodiversity and Ecosystem Services” *(2019)*

- **Support policy**
  - Identify policy-relevant tools and methodologies
  - Facilitate their use & catalyse their future development

- **Build capacity**
  - Identify & meet priority capacity needs of IPBES Members, experts & stakeholders.

- **Catalyse the generation of new knowledge**
  - Identify and communicate gaps in knowledge to help fill them
23 key messages:

- Values of pollinators and pollination
- Status and trends in pollinators and pollination
- Drivers of change, risks and opportunities, and policy and management options

Adopted by CBD COP13 (2016)
Science-policy interface underpinning the CBD and post 2020 targets today
Key input to COP15 and post 2020 targets

- IPBES Global assessment on biodiversity and ecosystem services to come in 2019
  - Status and trends in interactions between society and nature
  - Assess progress on Aichi targets and SDGs
  - Scenarios and responses - plausible futures
- CBD Global Biodiversity Outlook 5
  - Final evaluation of Aichi targets and Strategic plan 2011-2020
  - Outlook on follow-up from 2021
  - Input from IPBES methodology and assessments, supplemented by national reports and evaluation of global indicators
Scientific input into CBD post 2020 targets

- Scientific studies and assessments
- Global Biodiversity Outlook 5
- IPBES: Intergovernmental science-policy platform on biodiversity and ecosystem services
- CBD COP 15 China 2020
  - WGI/SBSTTA
  - CBD Secretariat
- Other sources
  - IPCC
  - IRP
  - UNEP/GEO6
  - FAO
- Meeting places
  - IUCN
  - Trondheim Conference