

National Biodiversity Assessments in Japan and the influence of IPBES

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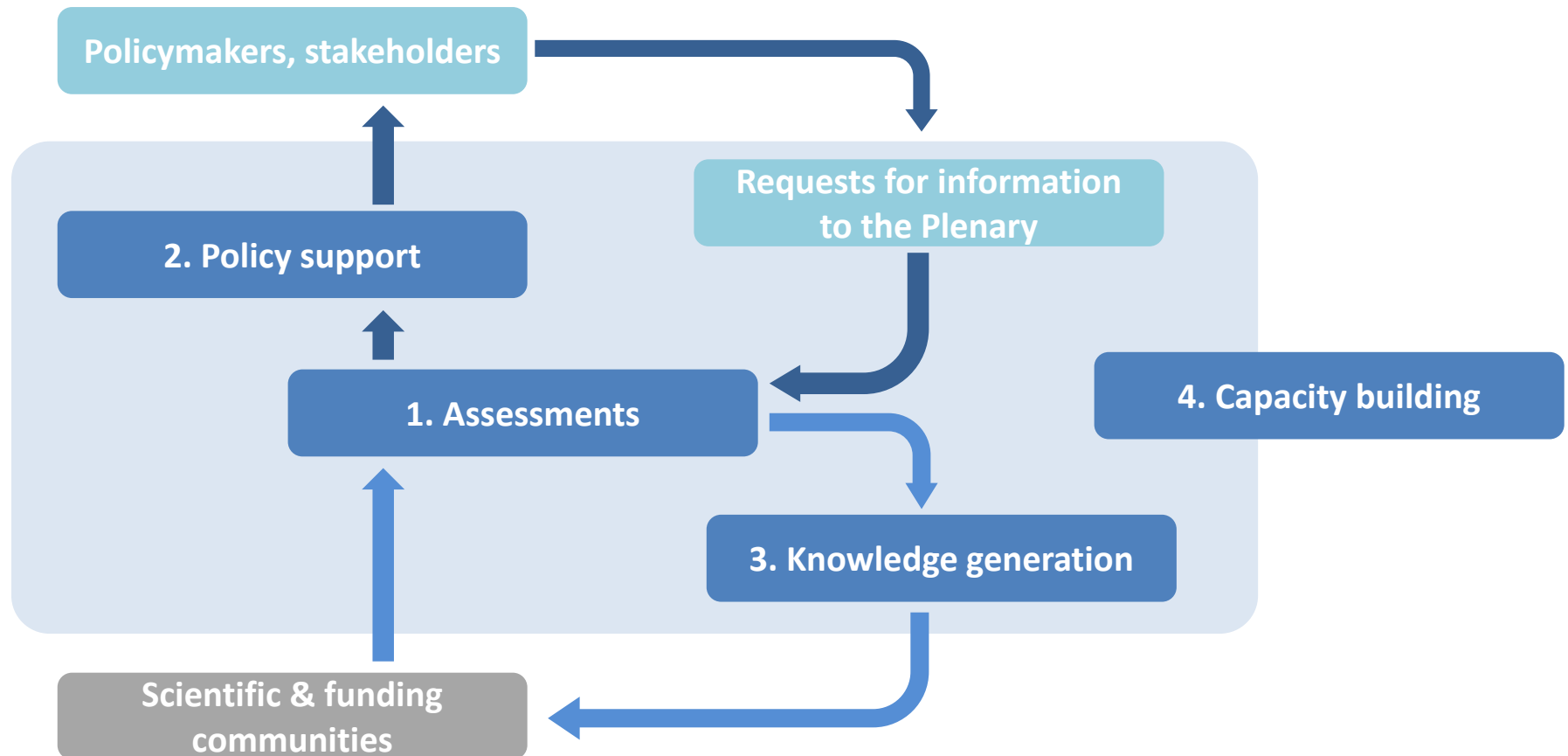
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Four functions of IPBES

1. **Assessing** the current status, trends of biodiversity and ecosystem services, and the underlying causes, such direct and indirect drivers of changes
2. Identifying policy tools and methodologies to **inform and support the policy** process and actors
3. Catalyzing **knowledge generation** by identifying knowledge gaps and working with partners to prioritize and fill these gaps
4. **Providing capacity-building** by facilitating the engagement of various stakeholders in the implementation of the IPBES work programme



IPBES provides useful policy-relevant information, but still, challenges exist...

- **Language barrier for those who do not speak English or other UN-languages**
- **Ability to provide country-specific policy relevant information is limited**
 - Global: population increase, urbanization and agricultural expansion
 - v.s. National (Japan): population decline, land abandonment
- **Capacity building opportunity is limited**
 - Limited number of experts

National Biodiversity Assessment initiatives in Japan

- **Japan Satoyama-Satoumi Assessment (2006-2010)**

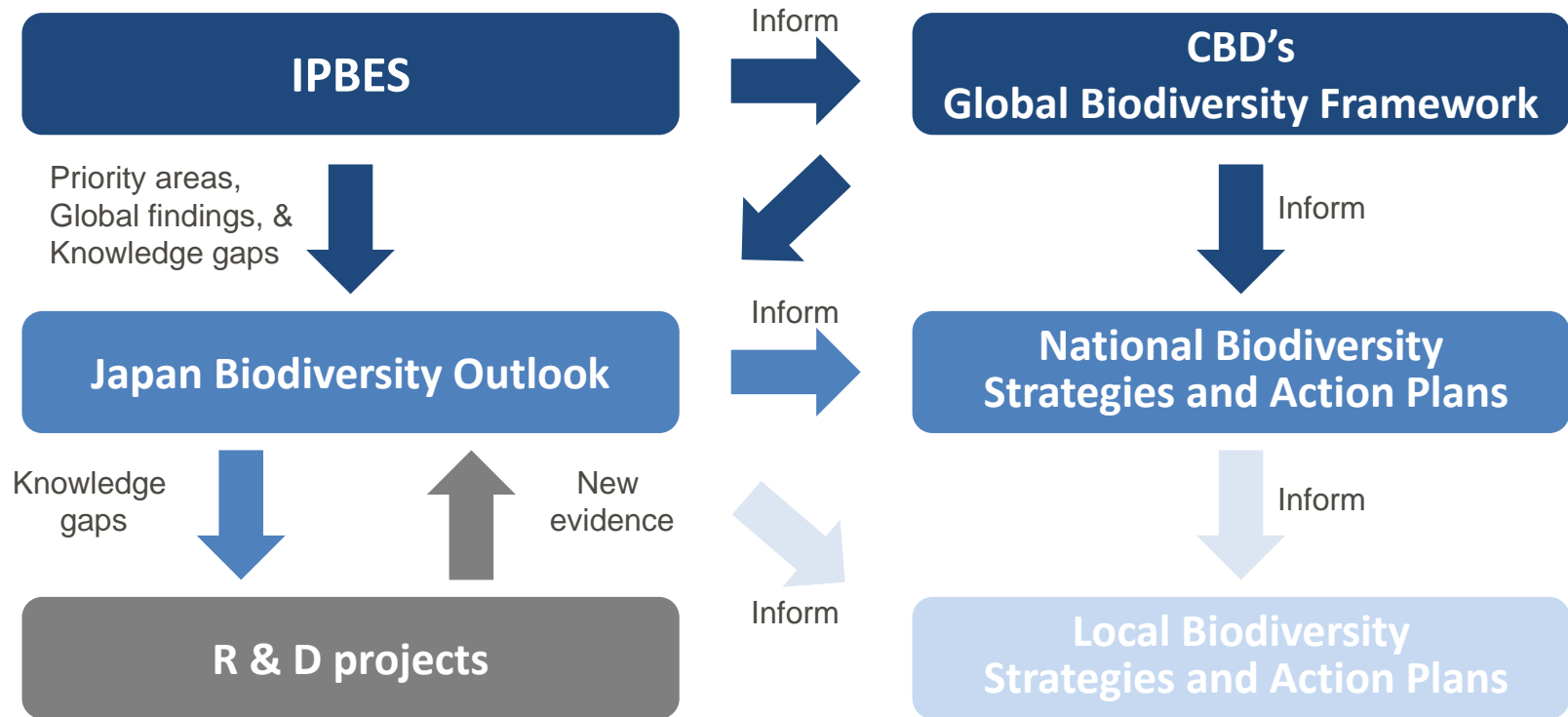
Led by the UNU Institute for Advanced Studies as one of the follow-up sub-global assessments of the Millenium Ecosystem Assessment

- **Japan Biodiversity Outlook (JBO) (recurring)**

Led by the Ministry of the Environment (MoE), Japan

- Japan Biodiversity Outlook 1 (JBO) (FY 2008-2010)
- Japan Biodiversity Outlook 2 (JBO2) (FY 2014-2016)
- Japan Biodiversity Outlook 3 (JBO3) (FY 2019-2021)

IPBES's contributions to National Biodiversity Assessments



Filling a knowledge gaps

- **Japan's National Ecosystem Assessments**

- Led by the UNU Institute for Advanced Studies

- Japan Satoyama-Satoumi Assessment (2006-2010)

- Led by the Ministry of the Environment

- Japan Biodiversity Outlook (JBO) (FY 2008-2009) - launched in 2010 synchronized with the launch of GBO3
- Japan Assessment on Biodiversity and Ecosystem Services (JBO-2) (FY 2014-2015)
- Japan Assessment on Biodiversity and Ecosystem Services (JBO-3) (FY 2019-2020)

- **Research & development efforts for future assessments**

by the Environment Research and Technology Development Fund, MoEJ

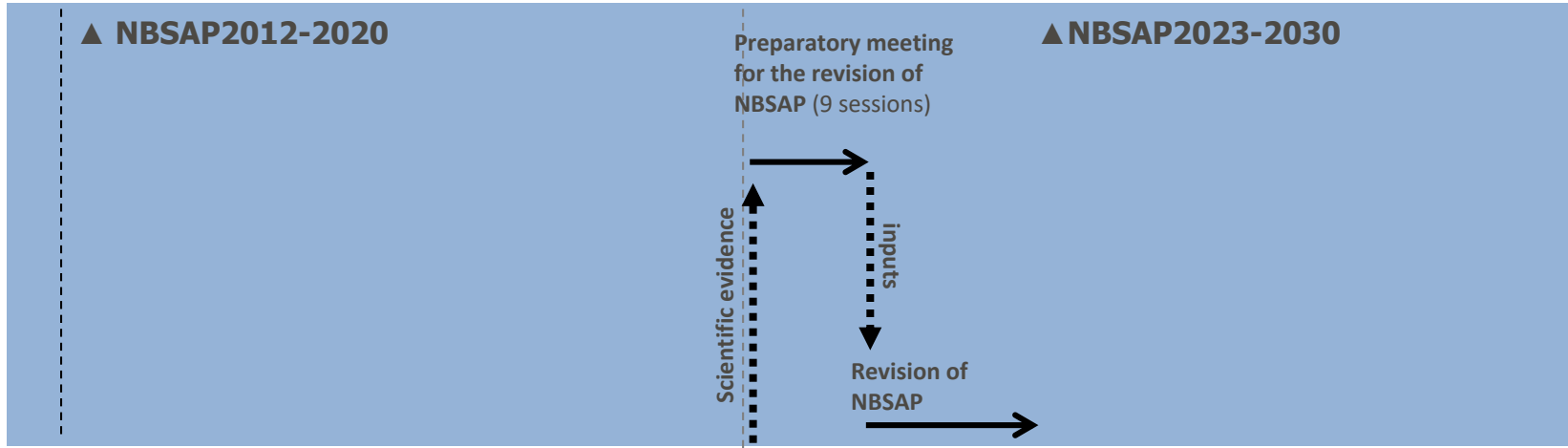
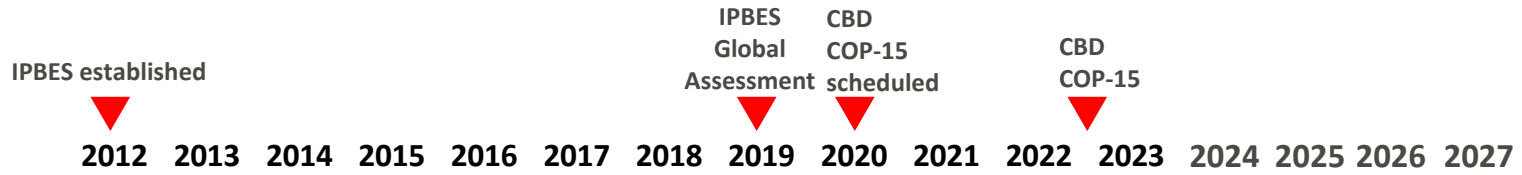
e.g.,

S-09 “Integrative Observations and Assessments of Asian Biodiversity” (FY2011-2015)

S-15 “Predicting and Assessing Natural Capital and Ecosystem Services through Integrated Social-Ecological Systems Approach” (FY2016-2020)

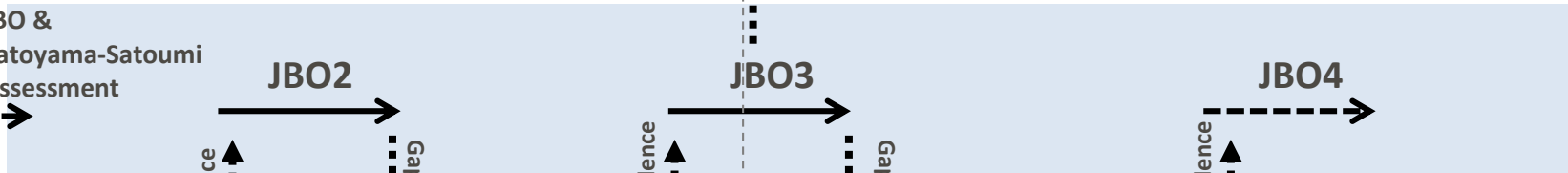
S-21 “Development of an Integrated Assessment Model linking Biodiversity and Socio-Economic Drivers, and its Social Application” (FY2023-2027)

Time-series interactions between NBSAPs, JBOs and R&D efforts



NBSAP

National Biodiversity Assessments



R & D

