

Ökoszisztéma szolgáltatás a globális szakpolitikában (IPBES) - koncepció, feladatok, és magyar részvétel

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3 May 2012 Last updated at 12:04



Edvard Munch's iconic artwork The Scream sold for \$120m

COMMENTS (513)



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The Sotheby's auctioneer in New York told one phone bidder "I love you"

Norwegian expressionist Edvard Munch's *The Scream* has become the most expensive artwork sold at auction, after it fetched \$119.9m (£74m).

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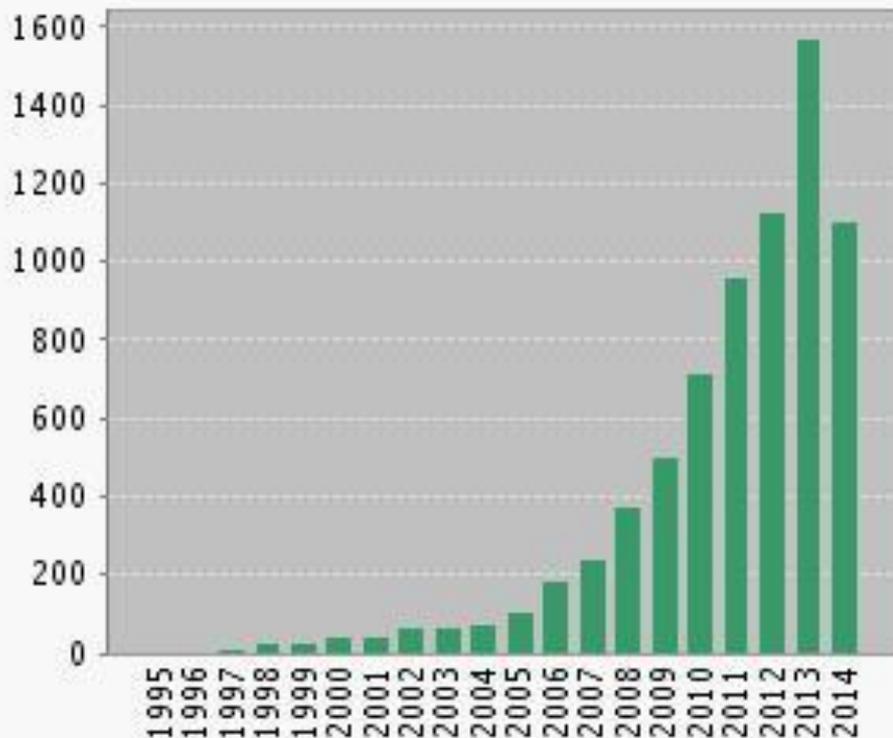
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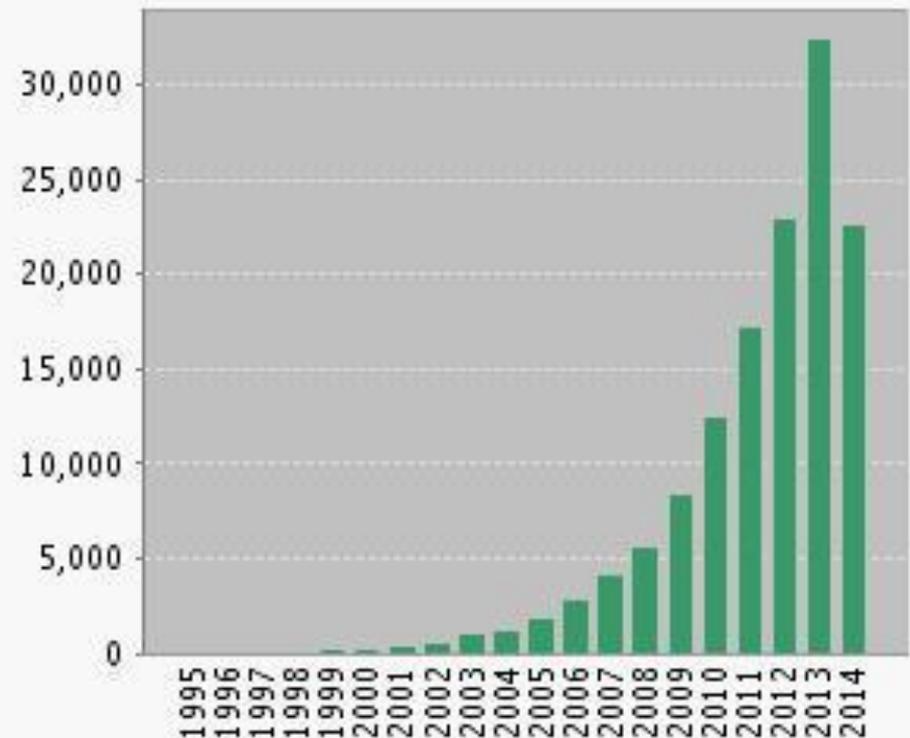
- **Ökoszisztéma szolgáltatás** – Az emberiség haszna az ökoszisztémák nyújtotta sokféle forrásból és szolgáltatásból.
- Hazonelvű, emberközpontú, önző.
- Szükséges lépés a biodiverzitás értékének megértéséhez a társadalom számára.

Search in Web of Science for: "ecosystem service*"

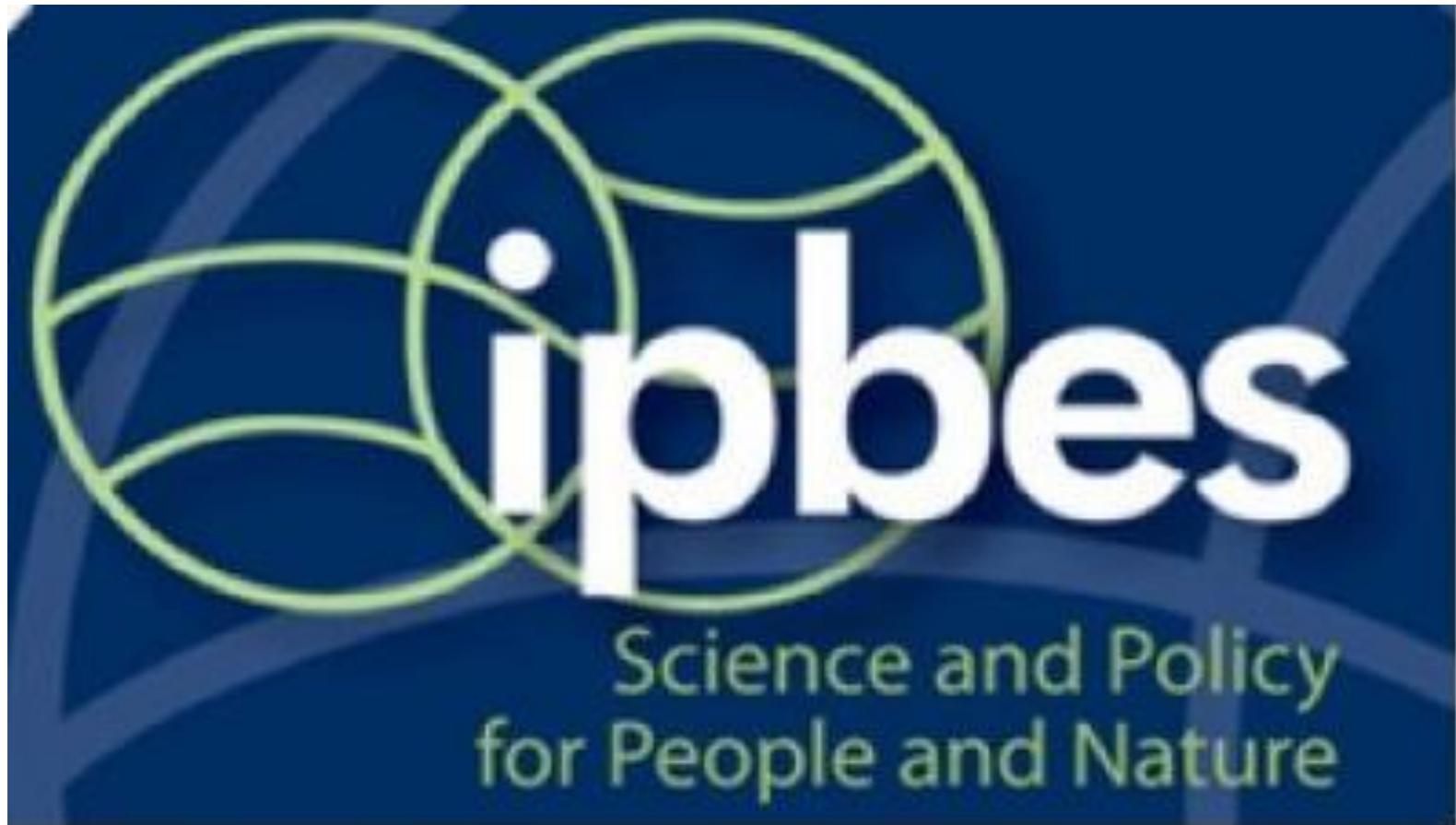
Published Items in Each Year



Citations in Each Year



Intergovernmental science-policy Platform on Biodiversity and Ecosystem Services



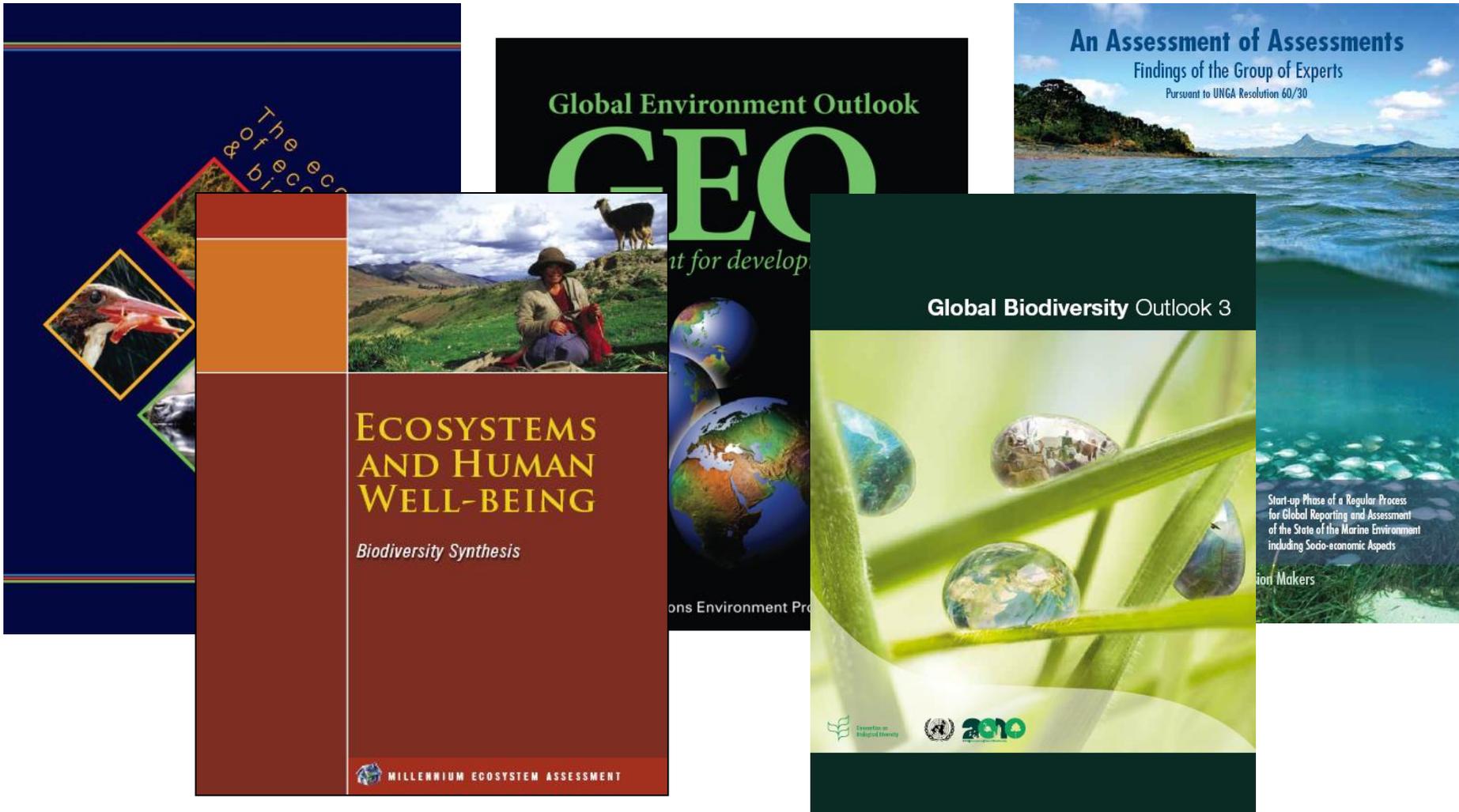
What do we want an IPBES for?



“Since 1988, the work of the Intergovernmental Panel on Climate Change has brought about a scientific consensus on the reality and significance of global warming, which many experts initially refused to admit. We need a similar type of mechanism for biodiversity.”

Jacques Chirac, January 2005

And how does it fit in the existing landscape?



What will IPBES do?

Goal of IPBES

“To strengthen the science-policy interface for biodiversity and ecosystem services for the conservation and sustainable use of biodiversity, long-term human well-being and sustainable development”

Panama, April 2012

Ecosystem services in the policy

IPCC

Intergovernmental Panel on Climate Change

- 1988, UN (WMO, UNEP)
- 2006 Stern Review on the Economics of Climate Change (+1% GDP now, or -20% loss later)
- 2007 Nobel prize

IPBES

Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services

- scientific and indigenous knowledge to be translated into specific policy action
- UN GA 2010
- January 2013, Bonn – first plenary meeting

„intergovernmental” - ??

- kutatás és gyakorlat közötti szakadék áthidalása
- IPBES alapvetően más
- ami itt készül, az már jogi dokumentum
- más világ 😊:
 - minden anyag a plenárisé
 - adopt, approve, accept
 - politikai játszmák (jelölések)
 - kutatóknak csönd
 - útlevél



Small white notices or logos on the right edge of the image, partially obscured by the backdrop.





ipbes
Intergovernmental
Platform on Biodiversity
and Ecosystem Services

IPBES-2
Second Session of the Plenary of the Intergovernmental
Platform on Biodiversity and Ecosystem Services
Antalya, Turkey, 09-14 December 2013

United Nations
Convention on Biological Diversity
Secretariat

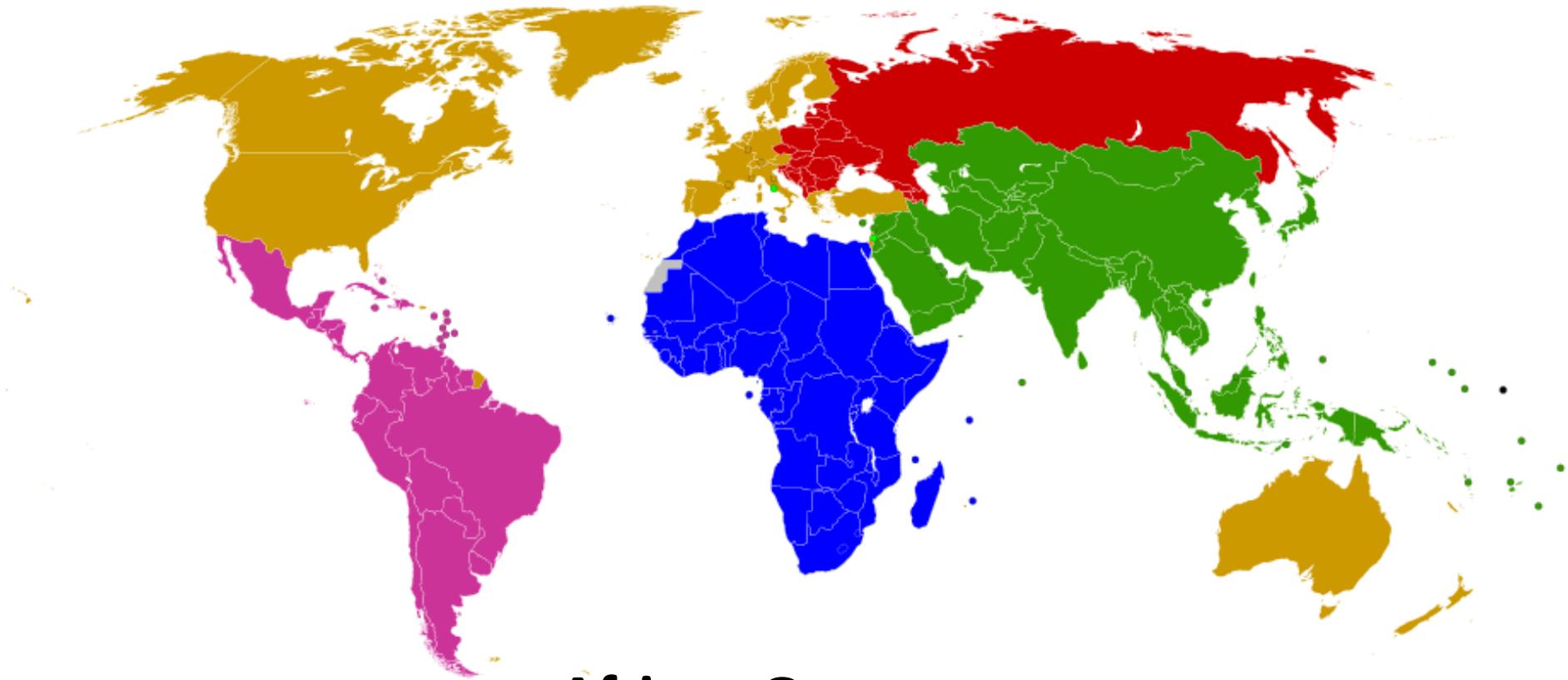
UNEP
United Nations Environment Programme

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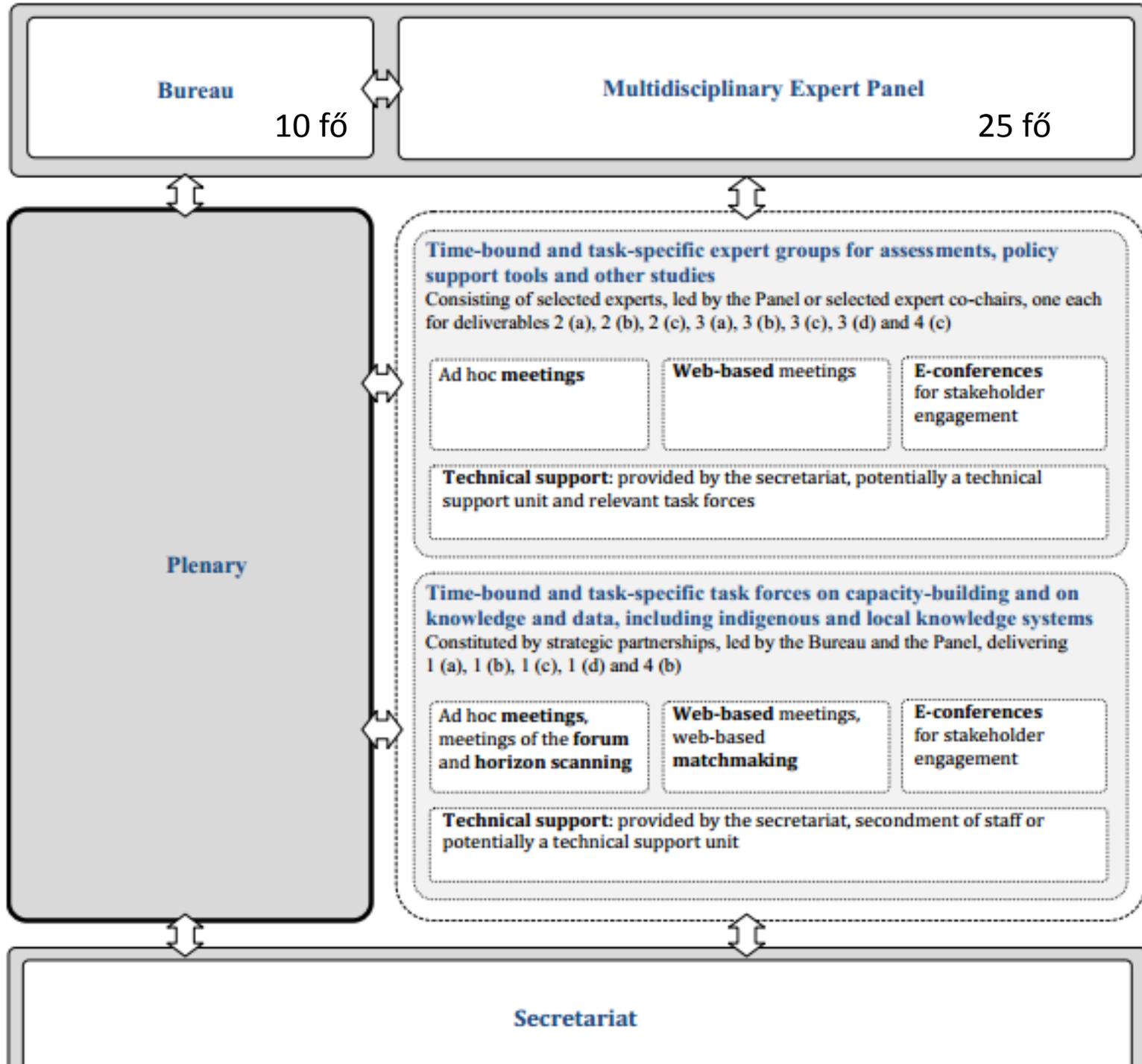
UGANDA

HAITI



**United Nations
Regional Groups:**

- African Group**
- Asia-Pacific Group**
- Eastern European Group**
- Latin American and Caribbean Group**
- Western European and Others Group**





Georgina Mace 3 diája alapján:

Conceptual frameworks help clarify complex systems

- Identify essential components of the system
- Make explicit assumptions about the relationships among those components
- Give appropriate weight to the different components of the system,
- Highlight important uncertainties and gaps in understanding

Spatial scale

Site

Local

Catchment

Country

Region

Place

Site

Location

Groups of people

Decision-makers

Land-owners

Land-managers

The poor

Trade- mediators

Ecosystem

services

Provisioning

Regulating

Cultural

Temporal

scale

Days

Months

Years

Seasons

Decades

Centuries

Drivers/

Interactions

Direct

Indirect

Policy

Markets

Ecological

Environmental

Social

IN ECOSYSTEM SERVICES SCIENCE THERE ARE MANY DIMENSIONS AND POTENTIAL INTERACTIONS

Ecosystem

goods and

benefits

Food

Fibre

Water

Energy

Pest control

Climate

regulation

Shared social

values

Benefits to

people

Income (£)

Equity

Access

Material

goods

Shelter

Security

Freedom

Aesthetic

Spiritual

Land/sea

system

Habitat

Biome

Land use

Forest regeneration times

Timescale for

climate

change

impacts

The UK NEA

Place
Site
Location

Spatial scale
Site
Local
Catchment
Country
Region

Groups of people
Decision-makers
Land-owners
Land-managers
The poor
Trade- mediators

Ecosystem services
Provisioning
Regulating
Cultural

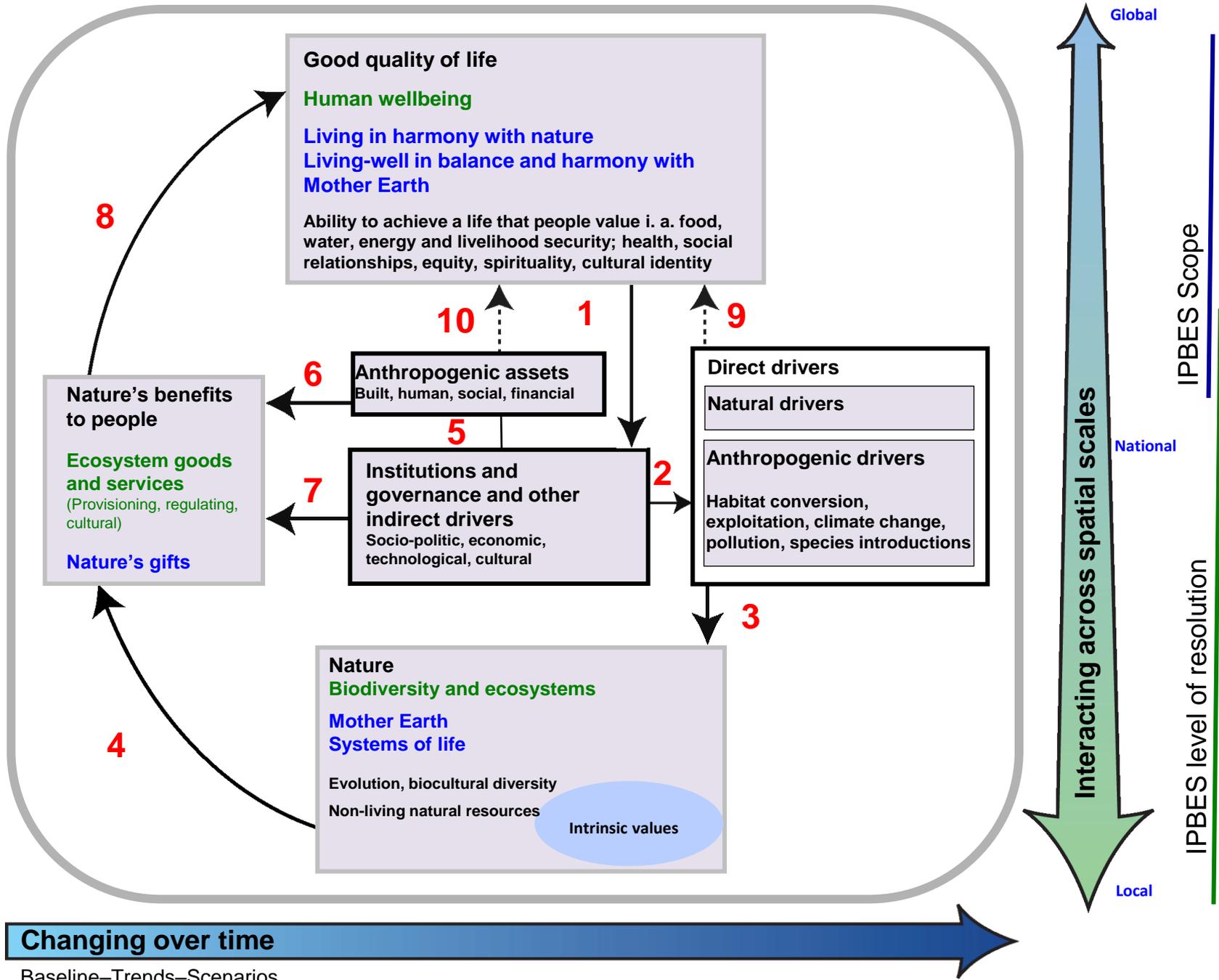
Temporal scale
Days
Months
Years
Seasons
Decades
Lifetimes
Forest regeneration times
Timescale for climate change impacts

Drivers/ Interventions
Direct
Indirect
Policy
Markets
Ecological
Environmental
Social

Land/sea system
Habitat
Biome
Land use

Ecosystem goods and benefits
Food
Fibre
Water
Energy
Pest control
Climate regulation
Shared social values

Benefits to people
Income (£)
Equity
Access
Material goods
Shelter
Security
Freedom
Aesthetic
Spiritual



8

10

1

9

6

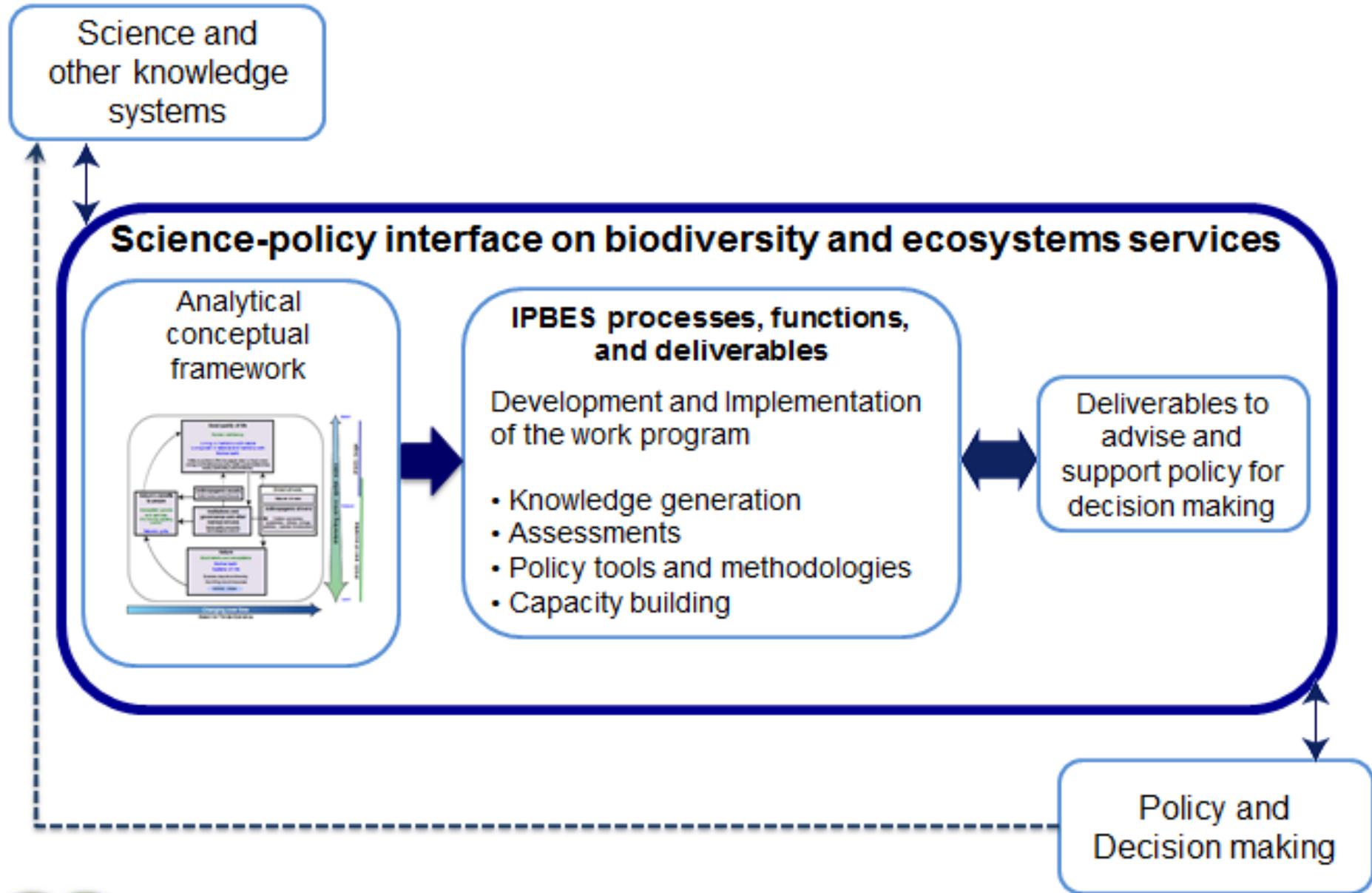
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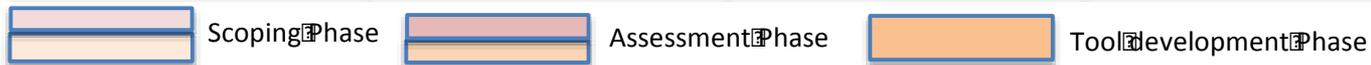
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IPBES Four main functions

1. Knowledge generation
 2. Regular and timely assessments
 3. Support policy formulation and implementation
 4. Capacity building
- → Initial work programme (2014-18) – MEP állította össze a kormányok és más „stakeholderek” igényei alapján



IPBES – magyar jelentőség

- IPCC AR5: 838 szerző, 3,5 magyar
- Millennium Ecosystem Assessment, 2005: 1300 szerző, 0,5 magyar
- IPBES: 2 *MEP* tag, 3 *task force* és 7 *expert group* mindegyikében van magyar (Regional scoping meeting c. 80 fő – 6 magyar)

