TECHNISCHE UNIVERSITÄT DRESDEN

Internationales Hochschulinstitut (IHI) Zittau, Zentrale Wissenschaftliche Einrichtung

Sachstand: Weiterentwicklung des regionalen Assessments zu Europa und Zentralasien

Prof. Dr. Irene Ring

5. Nationales Forum zu IPBES, Bonn, 09.02.2017

Das erste Arbeitsprogramm

Objective 1 Strengthen the capacity and knowledge foundations of the science-policy interface to implement key functions of the Platform:

a) **Priority capacity-building-needs** to implement the Platform work programme are **matched with resources** through catalysing financial and in-kind support
b) **Capacities needed to implement the Platform work programme are developed** with support provided by network on capacity-building
c) Procedures and approaches for **working with indigenous and local knowledge systems**
d) **Priority knowledge and data needs for policy-making are addressed through catalysing efforts to generate new knowledge and networking**

Objective 2 Strengthen the SPI across the subregional, regional and global levels:

a) **Guide on production and integration of assessments** from and across all scales
b) **Regional/Subregional assessments** on biodiversity and ecosystem services
c) **Global assessment** on biodiversity and ecosystem services

Objective 3 Strengthen the SPI regarding thematic and methodological issues:

a) Thematic **assessment on pollination** and food production
b) Thematic **assessments on land degradation** and restoration; **on invasive alien species; and on sustainable use.**
c) **Policy support tools and methodologies for scenarios analysis and modelling** of biodiversity and ecosystem services based on an assessment and a guide
d) Policy support tools and methodologies regarding **the diverse conceptualization of values of biodiversity and nature's benefits to people including ecosystem services**

Objective 4 Communicate and evaluate Platform activities, deliverables and findings:

a) **Catalogue of relevant assessments**
b) **Development of an information and data management plan**
c) **Catalogue of policy support tools and methodologies**
d) **Set of communication, outreach and engagement strategies, products and processes**
e) **Reviews of the effectiveness** of guidance, procedures, methods and approaches to inform future development of the Platform

Regionale Assessments

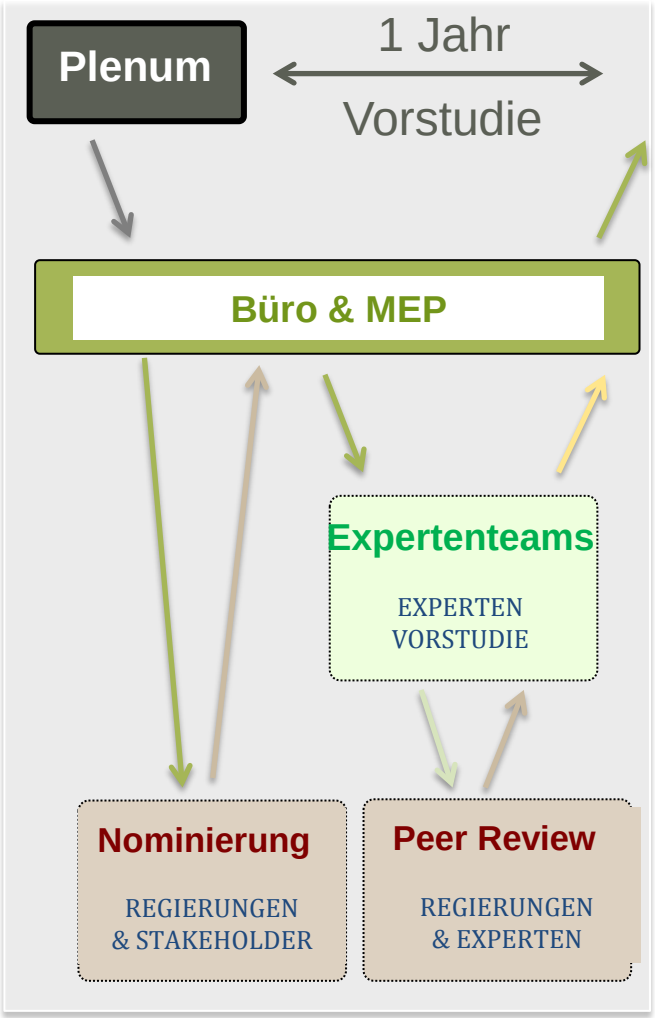
Das Plenum hat IPBES beauftragt, Assessments zu Biodiversität und Ökosystemleistungen in 4 Regionen durchzuführen (Entscheidung IPBES-3/1, Januar 2015):

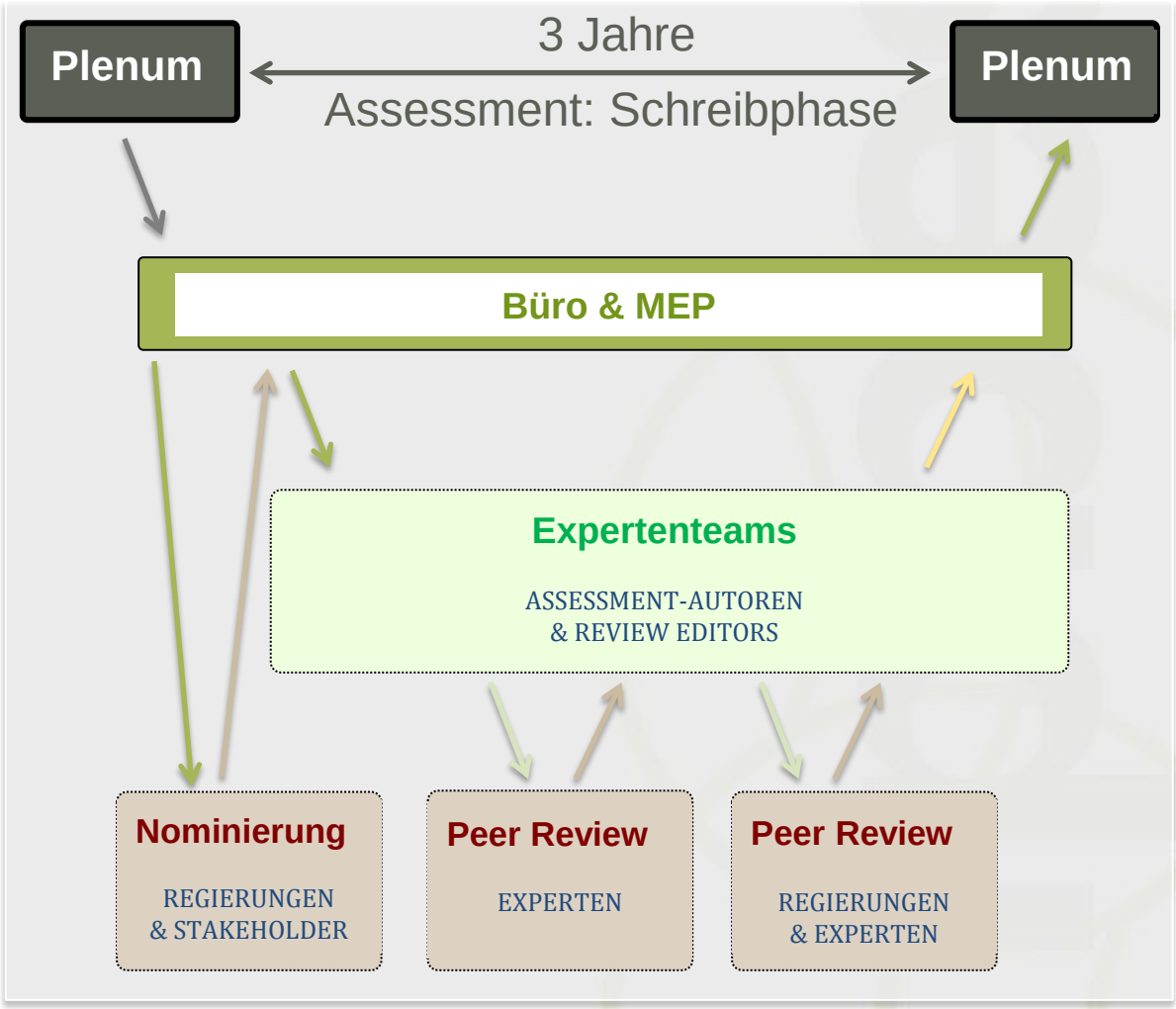
- Europa und Zentralasien
- Afrika
- Amerika
- Asien-Pazifik

Zeitraum: 3 Jahre (2015-2017)

Bericht: 2018 auf dem 6. Plenum

Assessmentprozess





IPBES Regionales Assessment für

Europa und Zentralasien

(oder „ECA“ für **E**urope and **C**entral **A**sia)

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ipbes
Science and Policy
for People and Nature

ECA-Team

ECA-Team

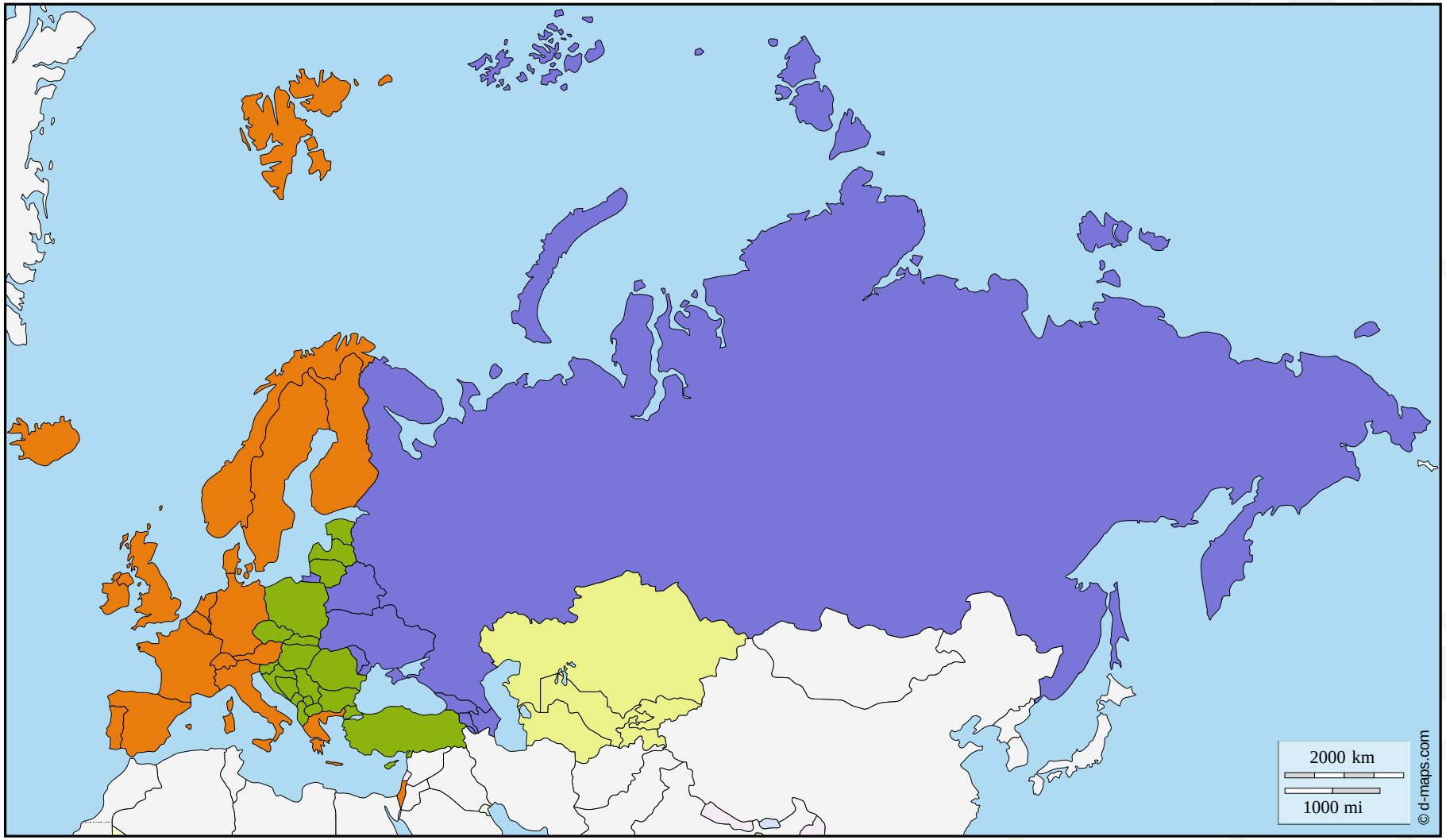
2	Ko-Vorsitzende
13	Koordinierende Leitautoren (CLA)
87	Leitautoren (LA)
6	Nachwuchswissenschaftler
13	Review Editors

darunter:

7	Leitautoren, die gleichzeitig zu Del. 3bi Land degradation beitragen

plus zahlreiche Autoren für kleinere und spezifischere Beiträge (CA)

Europa und Zentralasien: Region und Teilregionen



ECA-spezifische Fragen:

- ECA (a) **How can ecosystems** that provide ecosystem services, such as those underpinning ecosystem-based adaptation to climate change and nature-based solutions to sustainable development, **be protected through investments, regulations and management regimes** for terrestrial, freshwater, coastal and marine systems?

- ECA (b) What are the **effects of production, consumption and economic development** on biodiversity and ecosystem services and their contribution to human well-being? **Major links with other regions** will be assessed;

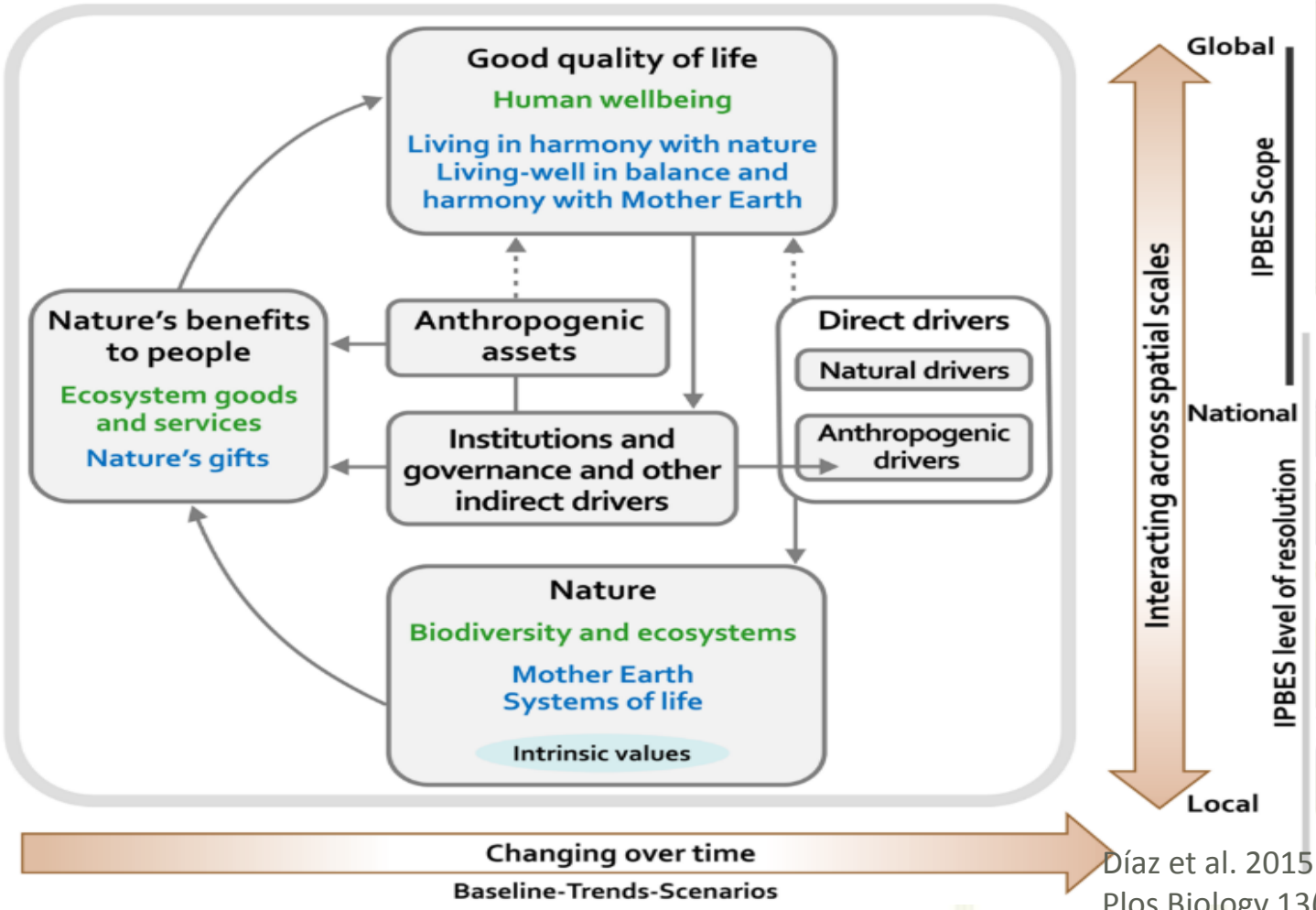
- ECA (c) **How can sectoral policies and new policy instruments encourage opportunities** arising from the contribution of biodiversity and ecosystem services to human well-being?

Regionale Assessments: Kapitelstruktur

- Chapter 1: Setting the scene
- Chapter 2: Nature's benefits to people and quality of life
- Chapter 3: Status, trends and future dynamics of biodiversity and ecosystems underpinning nature's benefits to people
- Chapter 4: Direct and indirect drivers of change in the context of different perspectives on quality of life
- Chapter 5: Current and future interactions between nature and society
- Chapter 6: Options for governance, institutional arrangements and private and public decision making across scales and sectors

Regional Assessment Chapters

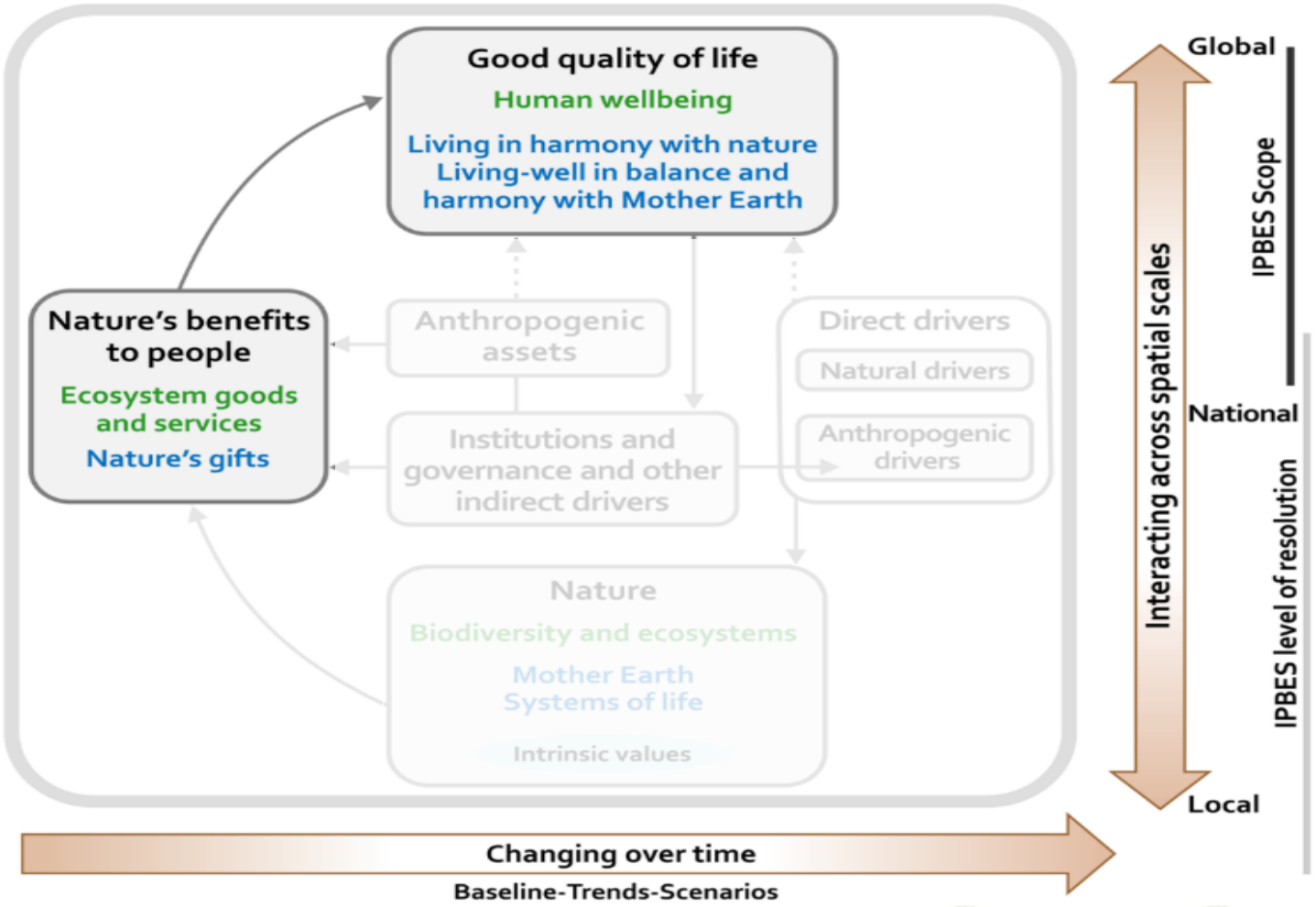
- Chapter 1: Setting the scene



Díaz et al. 2015
Plos Biology 13(1)
Díaz et al. 2015 COSUST 14

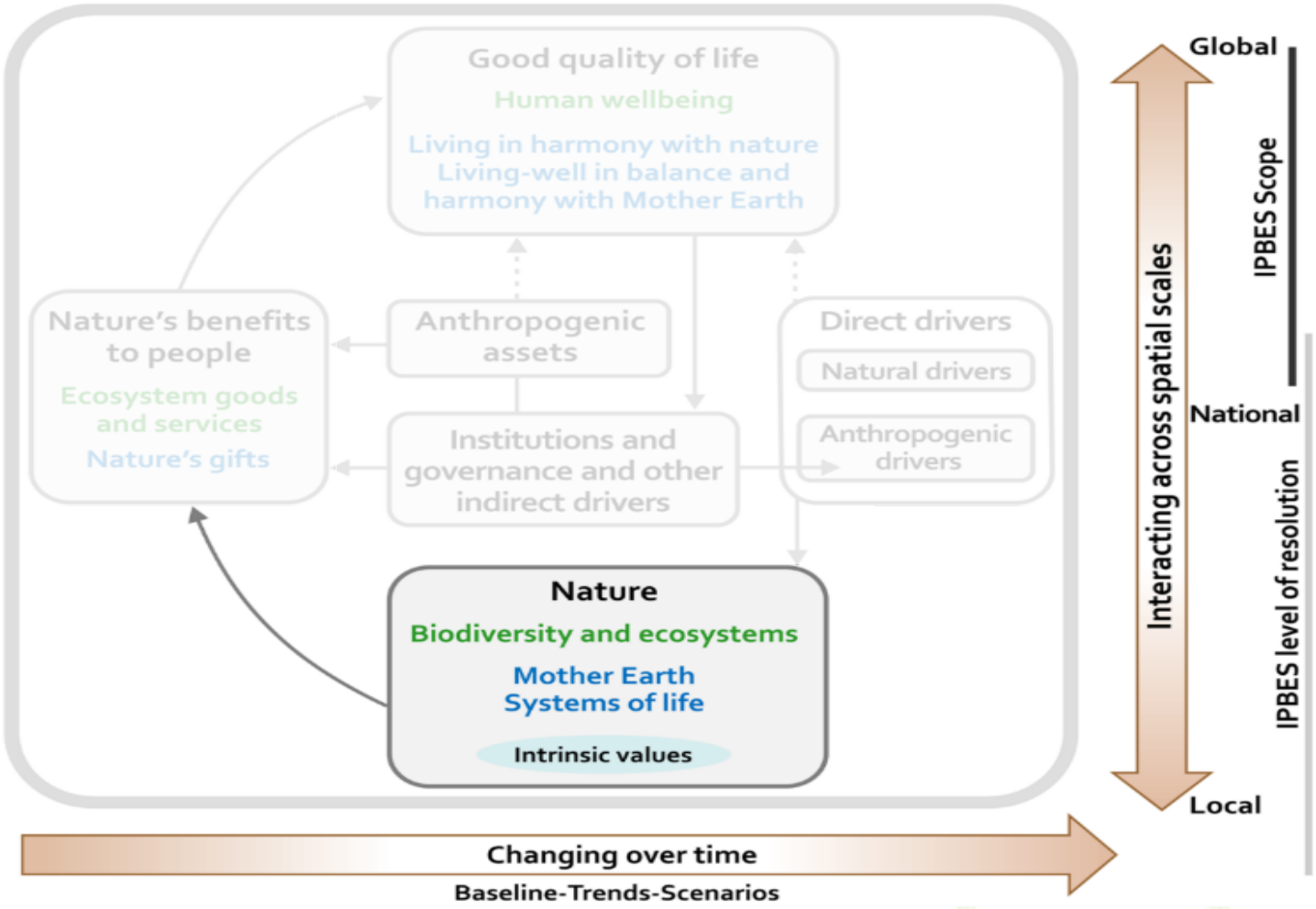
Regional Assessment Chapters

- Chapter 2: Nature's benefits to people and quality of life



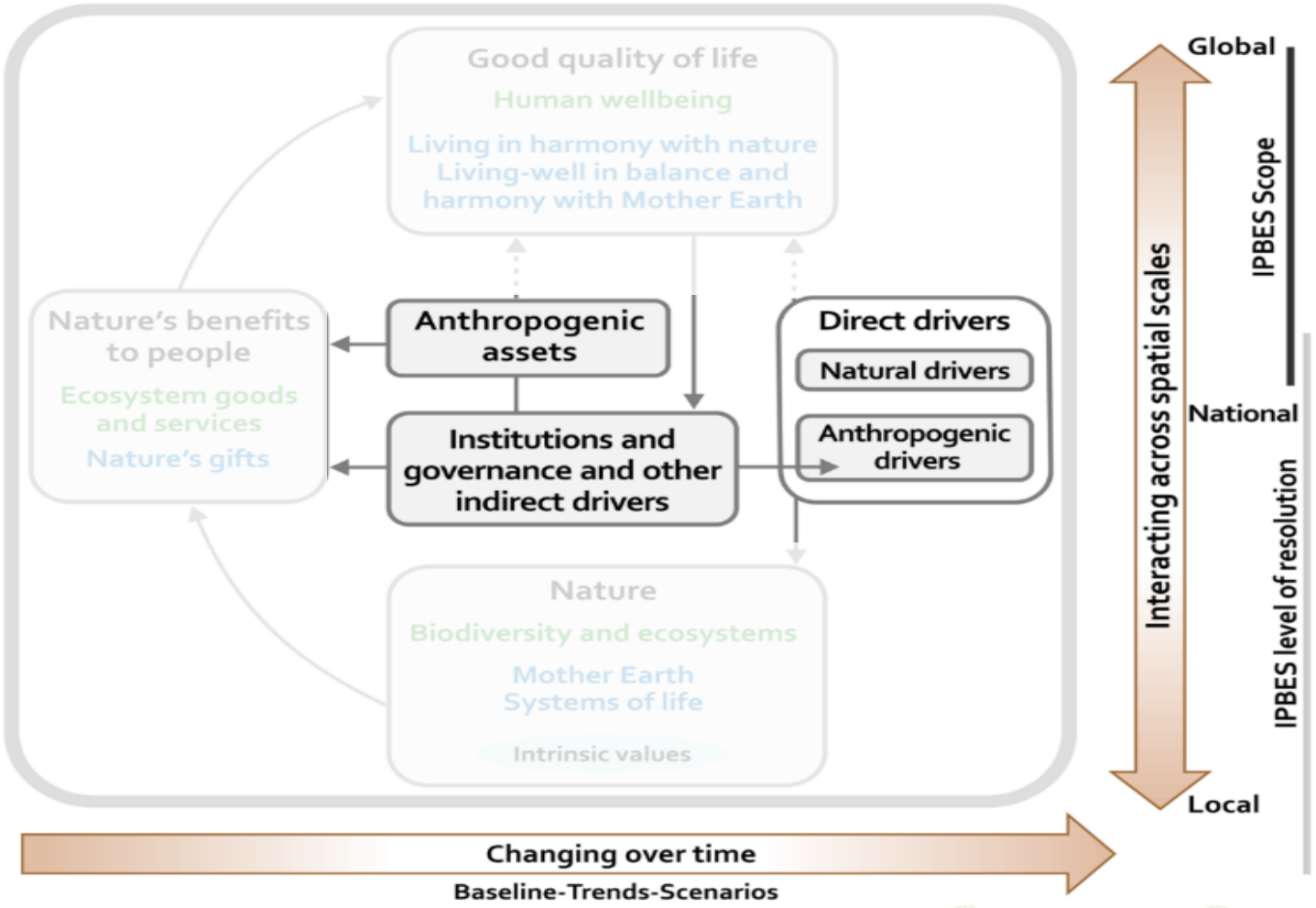
Regional Assessment Chapters

- Chapter 3: Status, trends and future dynamics of biodiversity and ecosystems underpinning nature's benefits to people



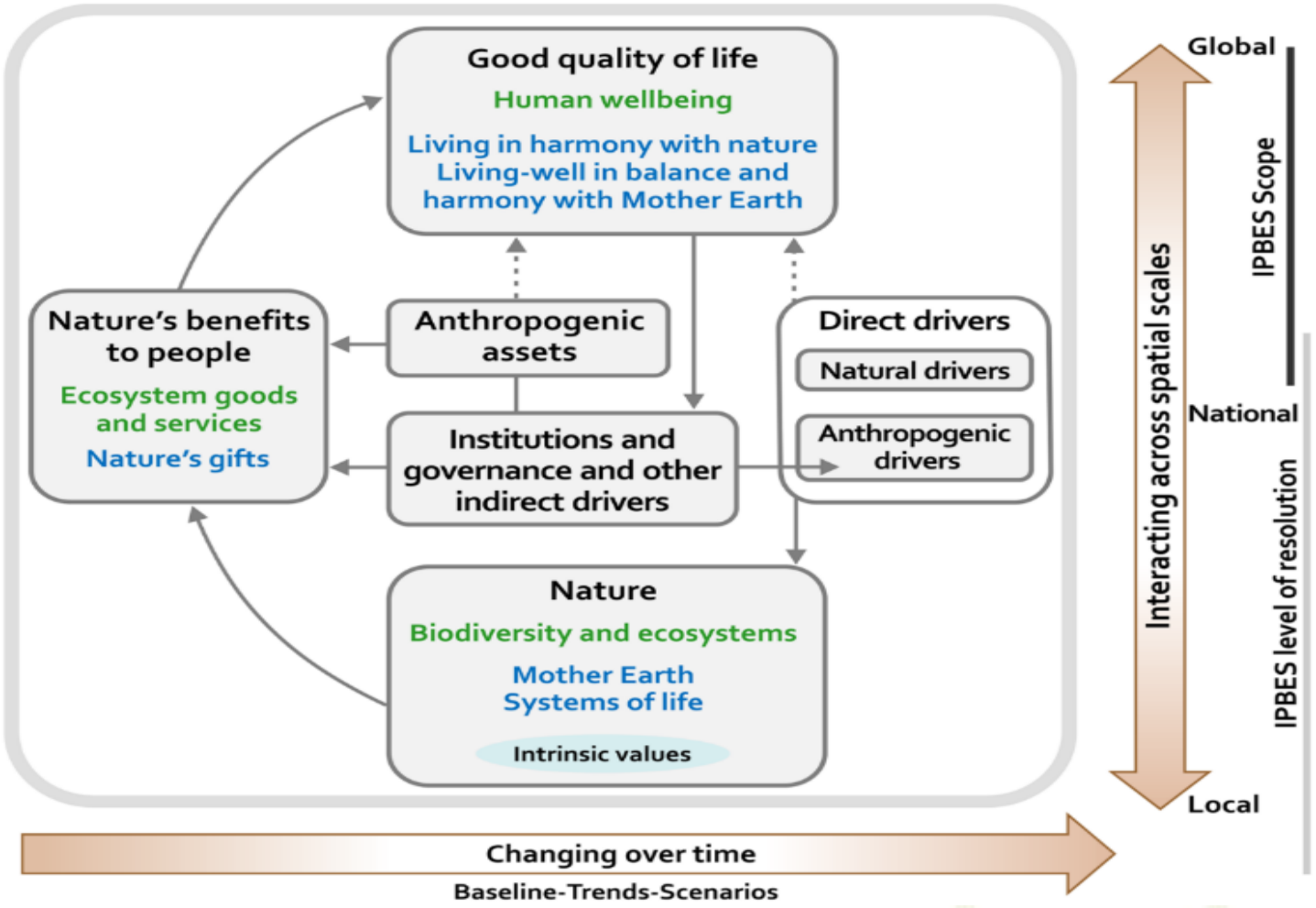
Regional Assessment Chapters

- Chapter 4: Direct and indirect drivers of change in the context of different perspectives on quality of life



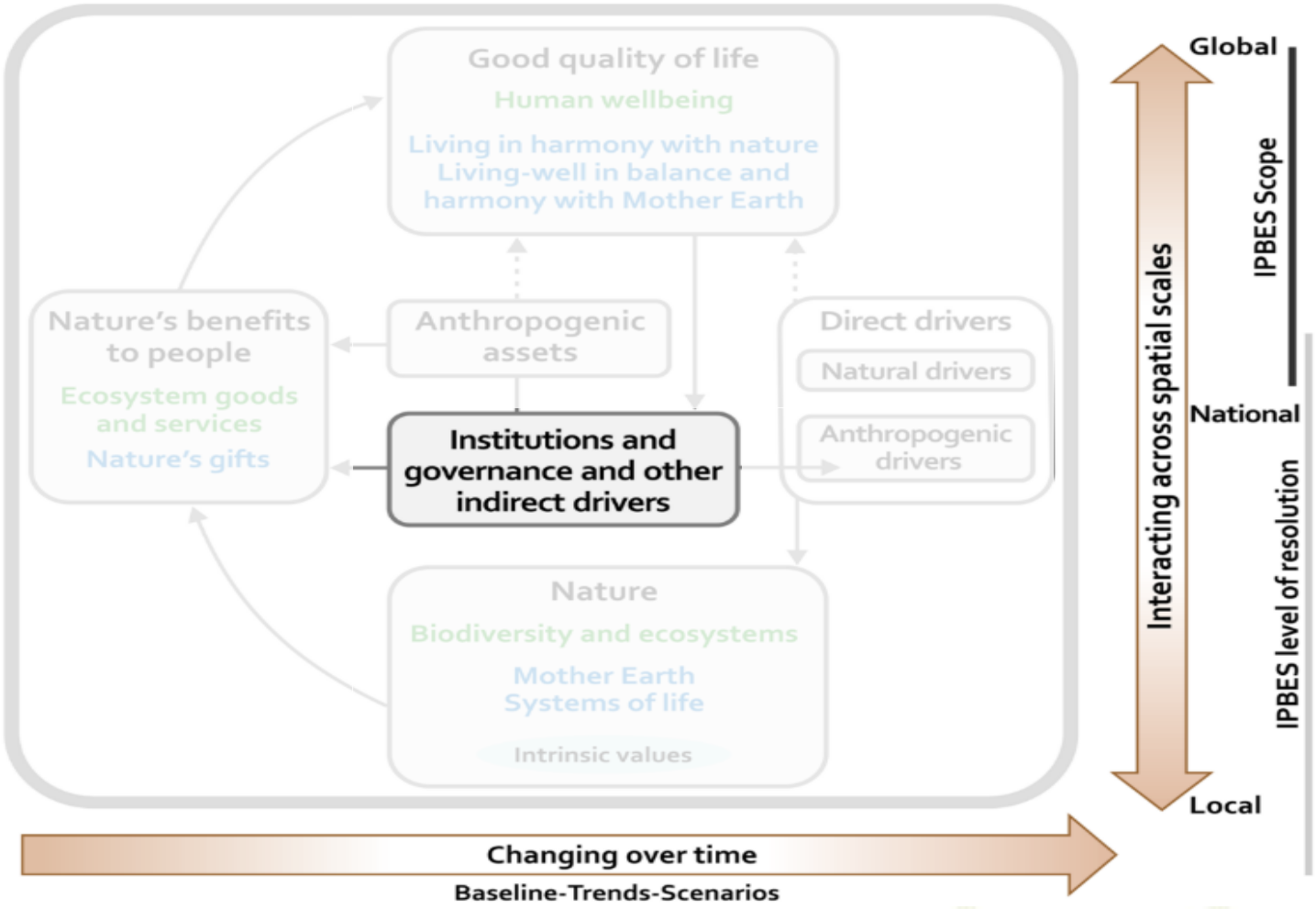
Regional Assessment Chapters

- Chapter 5: Current and future interactions between nature and society



Regional Assessment Chapters

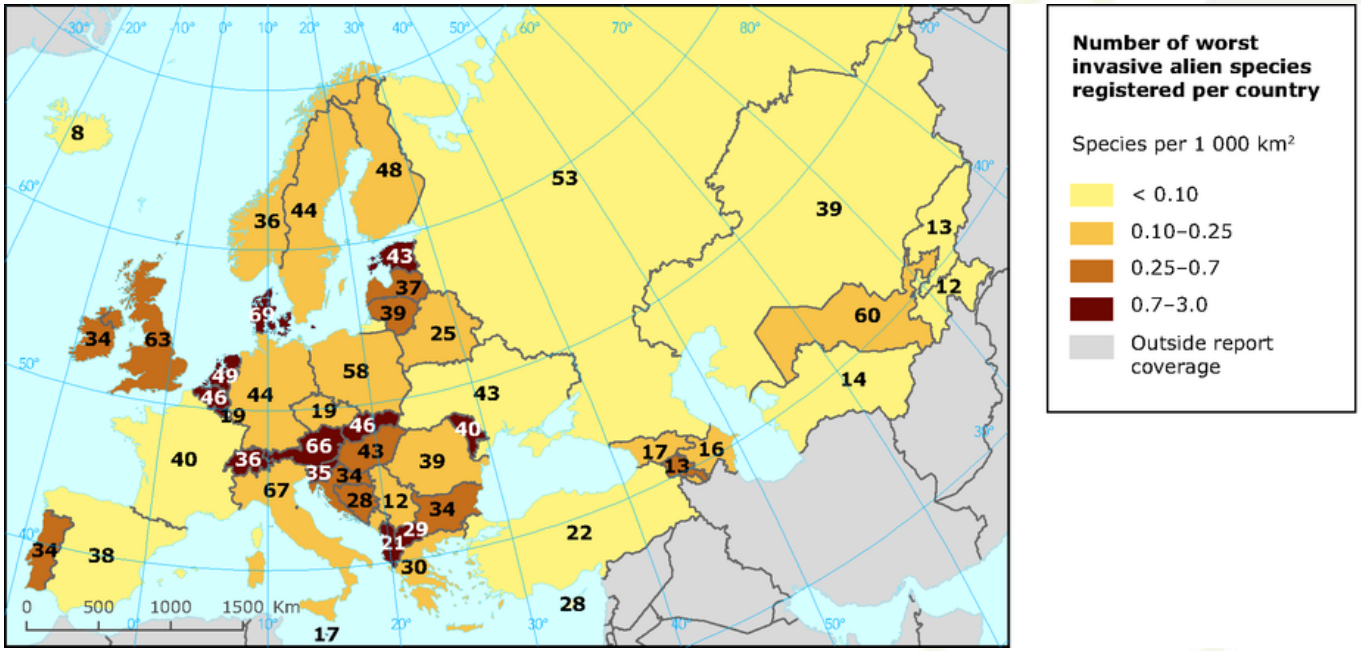
- Chapter 6: Options for governance, institutional arrangements and private and public decision making across scales and sectors



ECA-Herausforderungen

- Massive anthropogene Eingriffe (anthropogen veränderte Umwelt), aber große Variabilität
- Teilregionen mit sehr unterschiedlicher Geschichte
- Heterogenität bezüglich des Naturerbes, der Kulturen, Governancestrukturen, Politik, Umweltgesetzgebung und ihrer Umsetzung

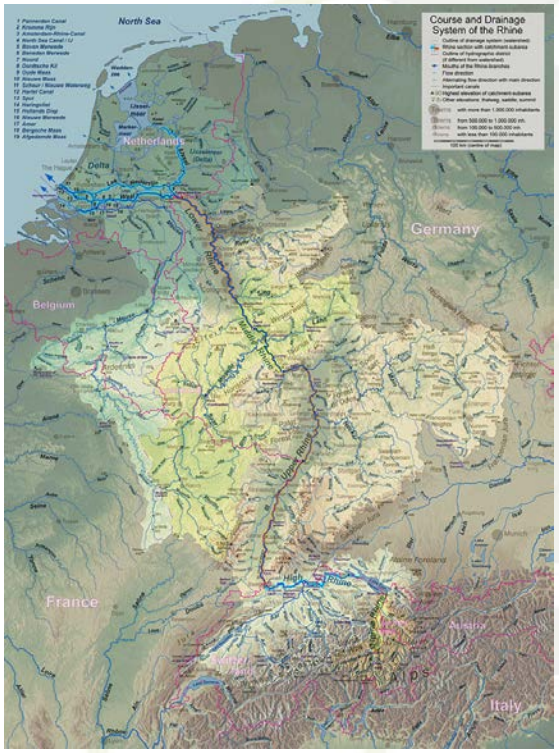
Beispiel: Indikator zur Anzahl der "schlimmsten" invasiven Arten pro Land



Source: North European and Baltic Network on Invasive Alien species (NOBANIS)

ECA-Herausforderungen

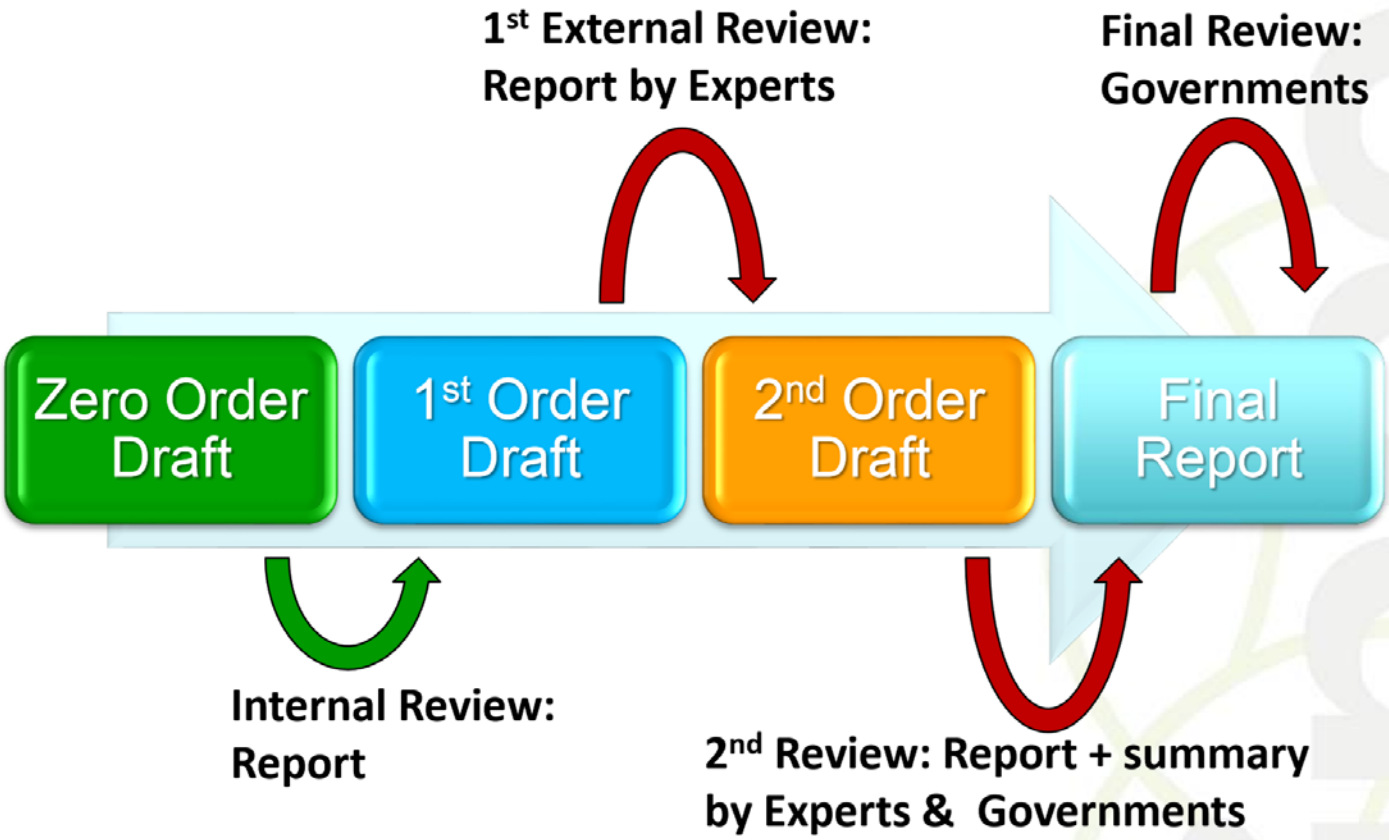
Wichtige grenzüberschreitende Themen, z.B. die zentrale Bedeutung von Wasser als Ressource, Habitat und Träger von Umweltverschmutzung; Bodendegradation; invasive Arten



Regionales Assessment: Herausforderungen für ECA

- Enormer Umfang und sehr ambitionierte Zeitvorgaben
- Heterogenität der Region ≠ geographische Repräsentation der Autoren
- Informationen aus Osteuropa und Zentralasien integrieren, soweit vorhanden
- Einbeziehung von indigenem und lokalem Wissen/Praktiken (ILKP)
- Integration mit den thematischen Assessments, z.B. zu den invasiven Arten, Landdegradierung und nachhaltige Nutzung von wilden Arten
- Harmonisierung mit den anderen 3 regionalen Assessments und dem globalen Assessment

Report and review process



ECA: zeitlicher Ablauf & Vernetzung

- 1. Autorentreffen, Sept. 2015, Engelberg
- ILK-Workshop, Jan. 2016, Paris

- First Order Draft (FOD) eingereicht (April 2016)
- FOD Begutachtung (30. Mai - 18. Juli 2016)

ECA FOD: externe Begutachtung

- 1. externe Begutachtung zwischen 30. Mai und 18. Juli 2016
- 2720 einzelne Kommentare erhalten
- 63 externe Gutachter, incl. Gruppenkommentare

Chapter 1	338
Chapter 2	557
Chapter 3	626
Chapter 4	468
Chapter 5	162
Chapter 6	550
General	19
Total	2720

Vgl. Kommentare		ext. Gutachter	Regierungen
Afrika	1060	34	2
Amerika	1646	42	2
Asien-Pazifik	1060	34	2
ECA	2720	63	2

ECA: zeitlicher Ablauf & Vernetzung

- 2. gemeinsames Autorentreffen aller regionalen Assessments; Aug. 2016, Bonn
- 2. Autorentreffen ECA & Del. 3d Werte, Sept. 2016, Zadar
- ECA-interner Reviewprozess, Dez. – Jan. 2017
- SPM-Writing Workshop, Jan. 2017, Bern
- Capacity Development Writing Workshop, CEE & Central Asia, Jan. 2017, Antalya
- 3. Autorentreffen, ECA, Juli 2017, Prag

- Second Order Draft (SOD) **(Frist März 2017)**
- SOD Begutachtung: 1. Mai - 26. Juni 2017
- Präsentation RA-ECA: IPBES-6, März 2018

Thank you !
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