

***Erhöhung der STEuerungskompetenz zur
ERreichung der Ziele eines integrierten
Wassermanagements (STEER) -***

***Increasing Good Governance for
Achieving the Objectives of Integrated
Water Resources Management***

Project Consortium



Universität Osnabrück,
Institut für Umweltsystemforschung (IUSF)

Coordination



Universität Osnabrück,
Institut für Sozialwissenschaften (ISW)



Ecologic Institut gemeinnützige GmbH (ECO)



Deutsches Institut für Entwicklungspolitik,
Abteilung Umweltpolitik und Ressourcenmanagement (DIE)



Universität Kassel,
Internationale Agrarpolitik und Umweltgovernance (UKS)



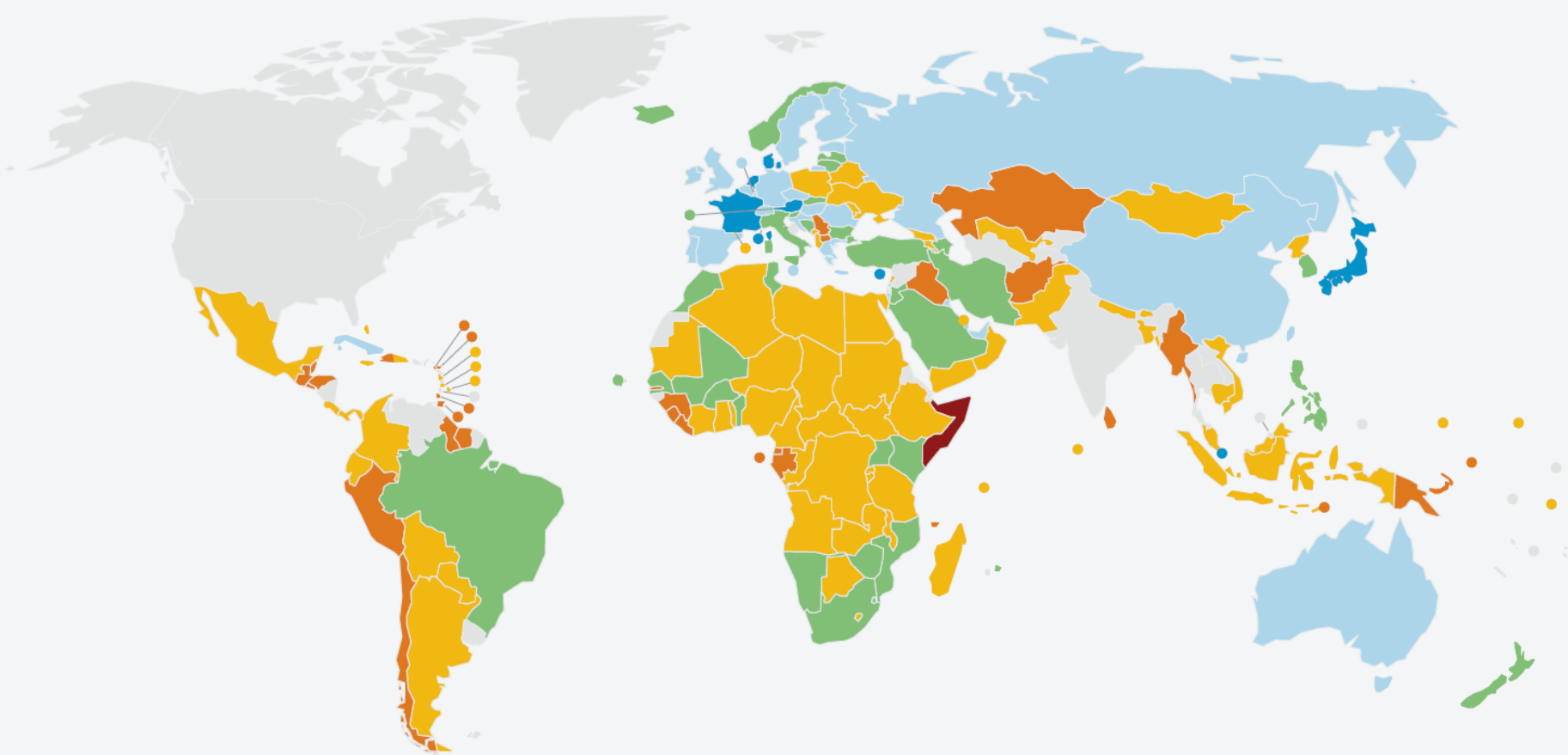
Oldenburg-Ostfriesischer-Wasserverband (OOWV)



Emschergenossenschaft,
Abteilung Strategisches Flussgebietsmanagement (EMG)

- Development of a **diagnostic approach**
- Analysis of the **transferability** of elements of effective governance systems and of successful experiences to different contexts
- Elaboration of strategies to **support transformative change** towards improved water governance and management
- Support implementation of the **SDGs**

Results reporting SDG target 6.5.1 in 2018



IWRM implementation SDG 6.5.1 score

Very low Low Medium-low Medium-high High Very high No data

Country implementation of integrated water resources management (categories)

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Section 1: Enabling Environment. Assessment of Degree of implementation (0 – 100)	
1.1	What is the status of policies, laws and plans to support Integrated Water Resources Management (IWRM) at the national level?
a	National water resources <i>policy</i> , or similar
b	National <i>water resources law(s)</i>
c	National <i>integrated water resources management (IWRM) plans</i> , or similar
1.2	What is the status of policies, laws and plans to support IWRM at other levels?
a	<i>Sub-national water resources policies</i> or similar
b	<i>Basin/aquifer management plans</i> or similar, based on IWRM
c	<i>Arrangements for transboundary water management in most important basins / aquifers</i>
d	FEDERAL COUNTRIES ONLY: <i>Provincial/state water resources laws</i> .
Section 2: Institutions and Participation. Assessment of Degree of implementation (0 – 100)	

Indicator 6.5.1 Calculation

Section 1 Enabling Environment – Average score

Section 2 Institutions and Participation – Average Score

Section 3 Management Instruments – Average Score

Section 4 Financing – Average Score

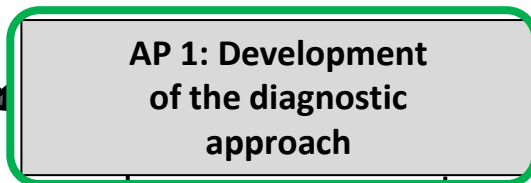
Indicator 6.5.1 score = Average of above (Degree of IWRM implementation (0-100))

b	<i>Public participation in water resources, policy, planning and management at the local level</i>
c	<i>Gender-specific objectives at sub-national levels</i>
d	<i>Gender-specific objectives and plans at transboundary level</i>
e	<i>Organizational framework for transboundary water management for most important basins / aquifers</i>
f	FEDERAL COUNTRIES ONLY: <i>Provincial / State authorities responsible for water resources management</i>
Section 3: Management Instruments. Assessment of Degree of implementation (0 – 100)	
3.1	What is the status of management instruments to support IWRM implementation at the national level?
a	<i>National monitoring of water availability (includes surface and/or groundwater, as relevant to the country).</i>
b	<i>Sustainable and efficient water use management from the national level</i>
c	<i>Pollution control from the national level</i>
d	<i>Management of water-related ecosystems from the national level</i>
e	<i>Management instruments to reduce impacts of water-related disasters from the national level</i>
3.2	What is the status of management instruments to support IWRM implementation at other levels?
a	<i>Basin management instruments.</i>
b	<i>Aquifer management instruments.</i>

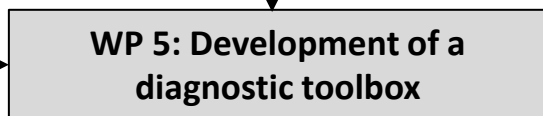
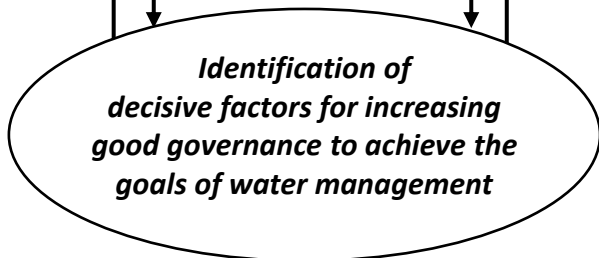
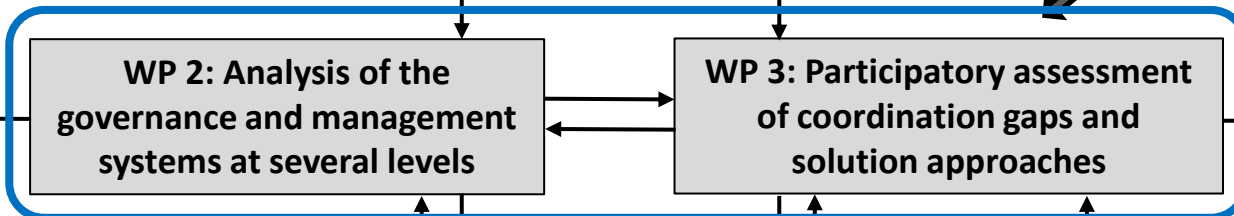
STEER - State of Activities

In depth case studies

Co-design



Co-production

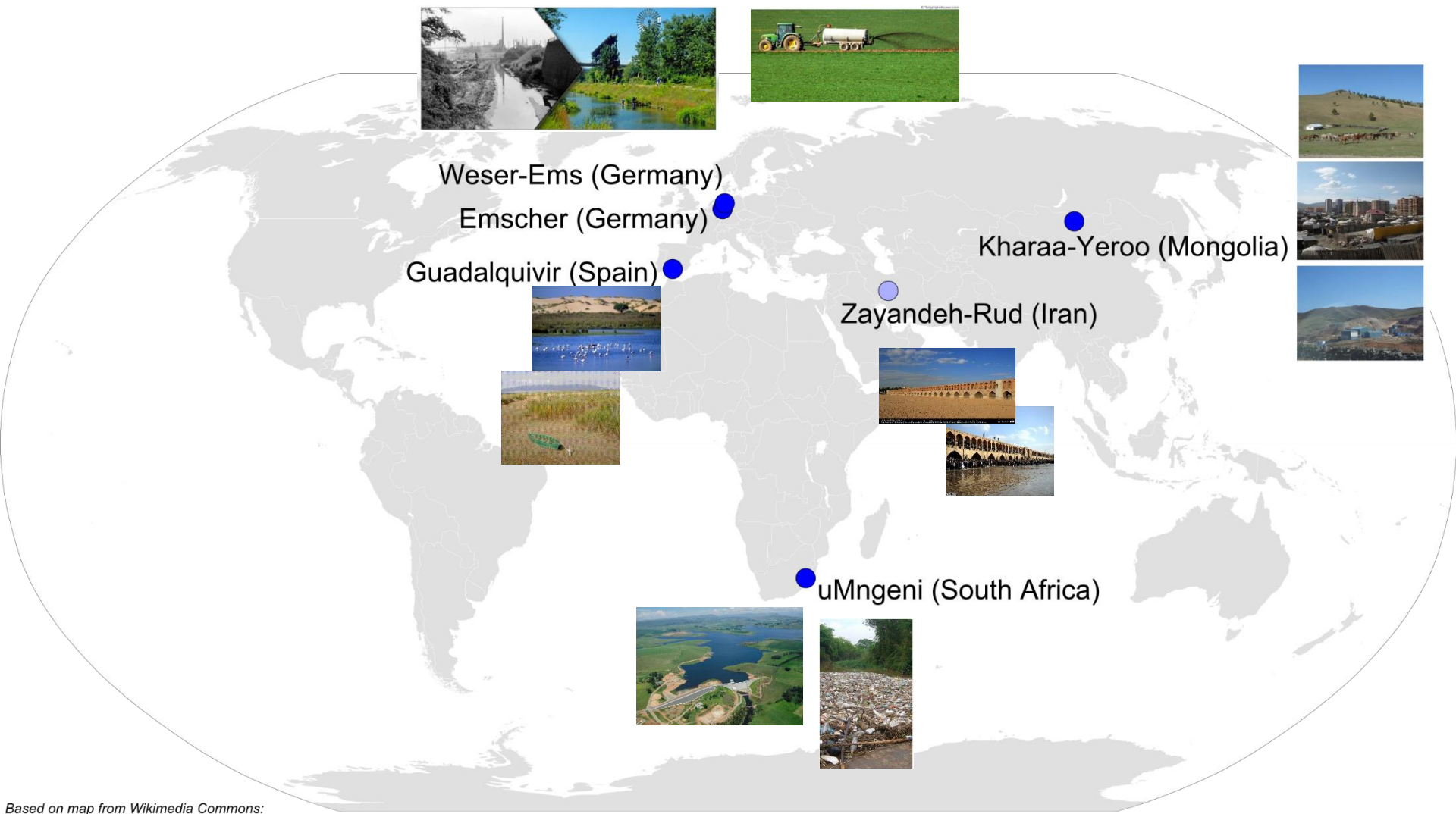


Co-dissemination

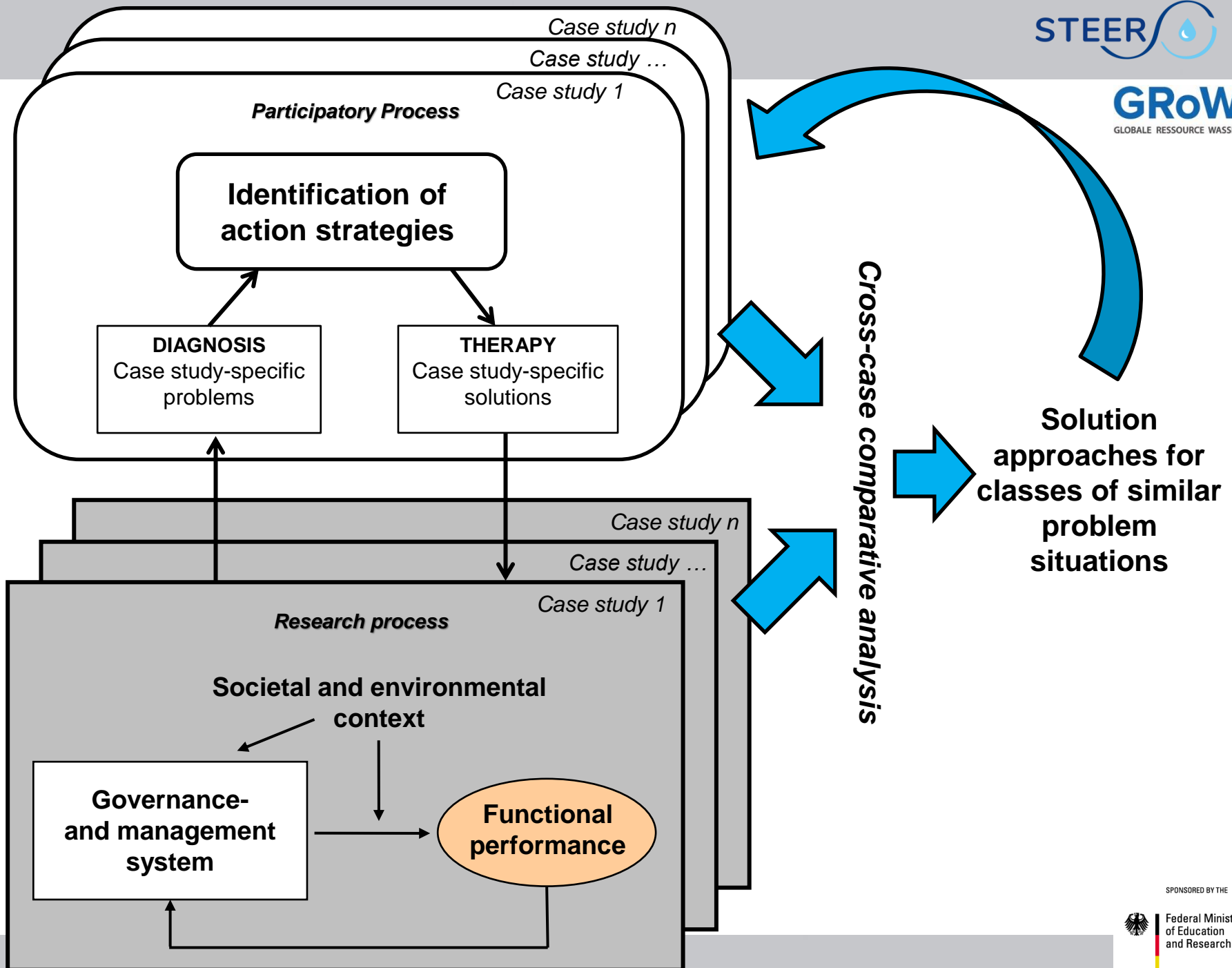
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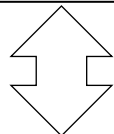
Based on map from Wikimedia Commons:
<https://commons.wikimedia.org/wiki/File:BlankMap-World6.svg?uselang=de> (accessed on January 29th 2019)



Context

Governance and Management System

Governance Structure

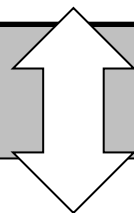
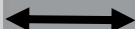


Processes

Planning

**Implement-
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**Ecosystem
Services
Interactions**



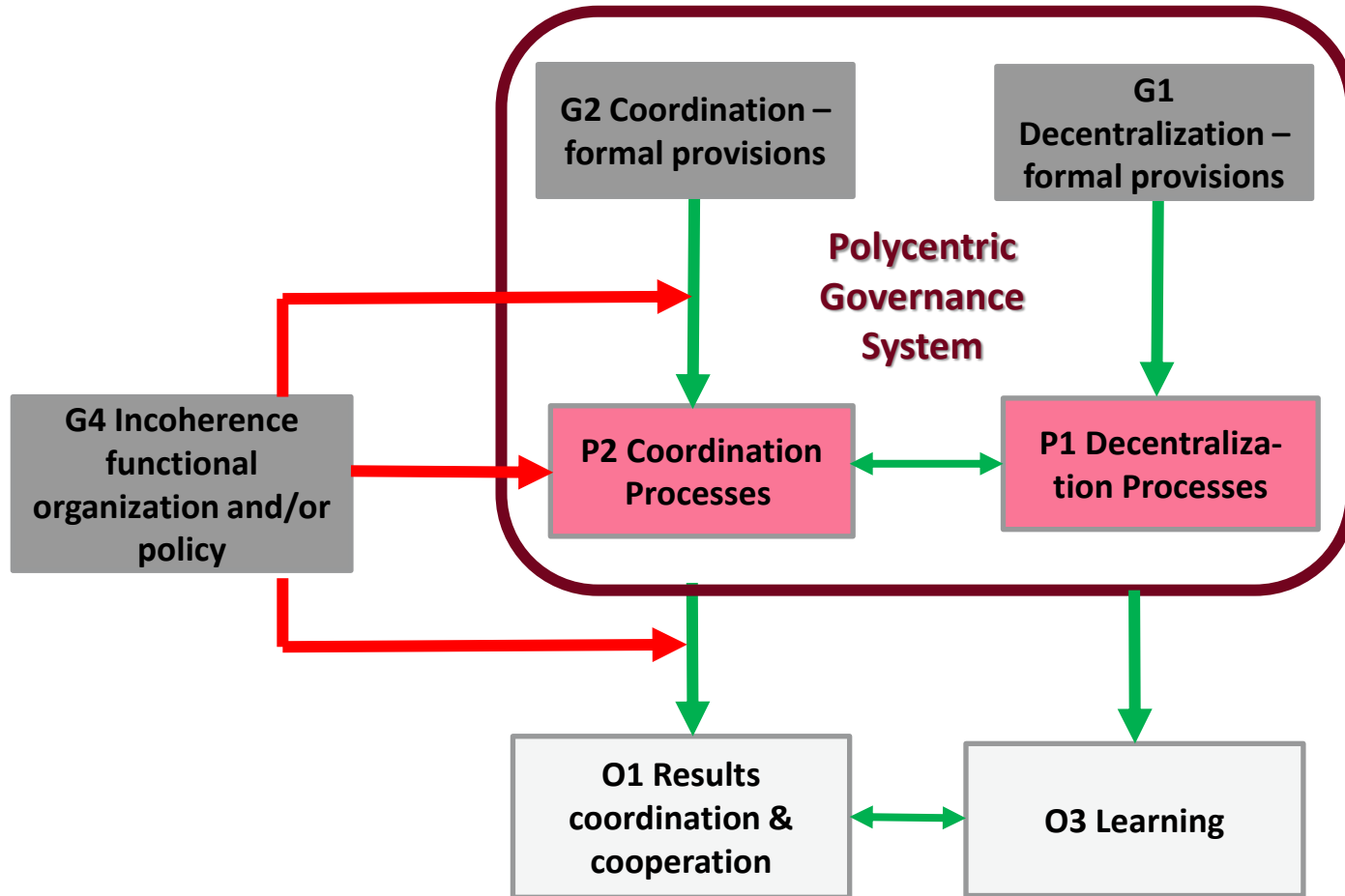
**Outcomes -
Coordination and Cooperation
Impacts -
Sustainability of resource management**

*Develop and use guiding
hypotheses to
operationalize framework*

Some guiding hypotheses on what supports Governance Capacity

Polycentric structures with flexible coordination across sectoral and administrative boundaries

Illustration - Causal Pathways



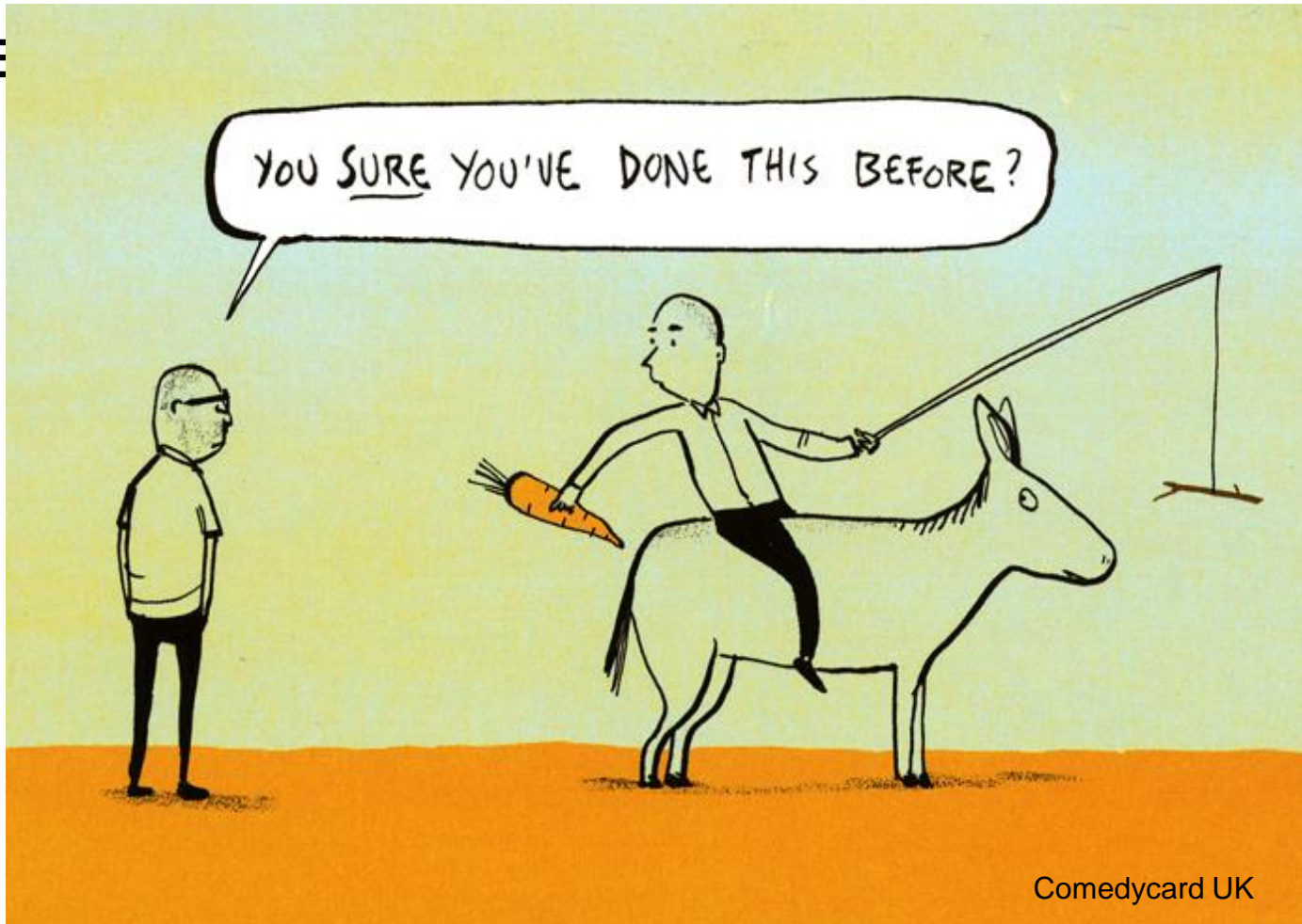
Guiding hypotheses on what supports Governance Capacity continued

Polycentric structures with flexible coordination across sectoral and administrative boundaries

Combination of governance modes (Markets, Bureaucratic Hierarchies, Networks) – capacity for metagovernance needed

Governance Modes and Metagovernance

HIE



Guiding hypotheses on what supports Governance Capacity continued

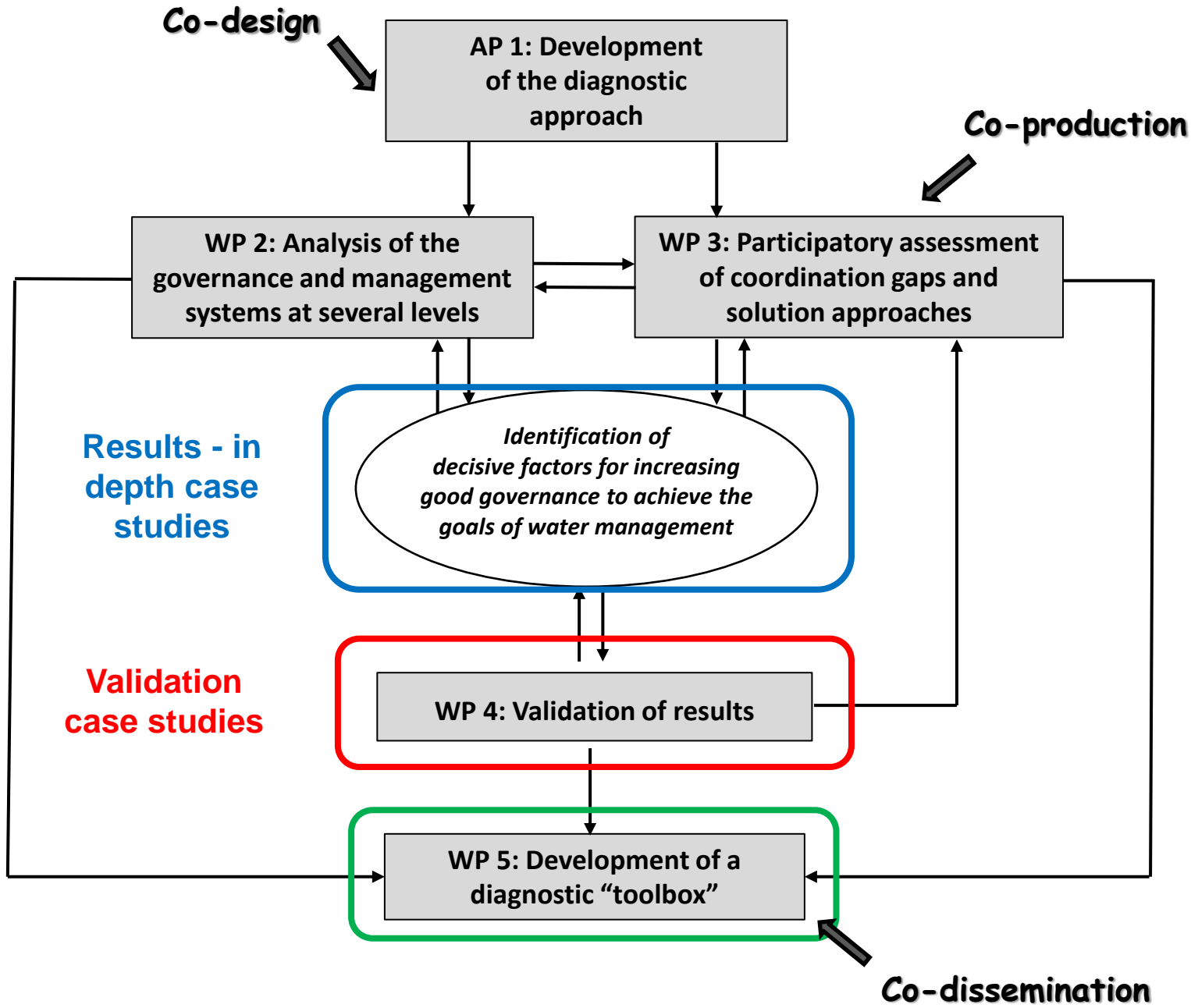
Polycentric structures with flexible coordination across sectoral and administrative boundaries

Combination of governance modes (Markets, Bureaucratic Hierarchies, Networks) – capacity for metagovernance needed

Synergistic not conflictual relationships between formal and informal institutions

Ecosystem services approach to make complex interdependencies and trade-offs explicit and meaningful

STEER - Next Steps



- Analyses of cross-sectoral coordination and coordination instruments often focused on national level.
- Little attention on regional level, where consequences of insufficient coordination manifest themselves in tangible water management deficits
- Few studies on effectiveness of coordination instruments and in particular combinations thereof with respect to reaching improved coordination outcomes.
- STEER will close these gaps in research and practice by
 - Developing innovative diagnostic approach and framework of analysis for both in depth and more pragmatic applications
 - Providing insights on solutions to coordination deficits and conditions for their transferability
 - Developing and implementing a tool box with the intention that it will be further developed and extended by experiences from additional case studies

Thank You for Your Attention!

The STEER Team

