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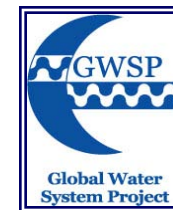


# *Report from the GWSP endorsed project Twin2Go*

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University of Osnabrück, Germany  
Coordinator Twin2Go***



# Quick Facts



- Full Title: „Coordinating **T**winning partnerships **t**owards more adaptive **G**overnance in river basins“
- EU project in the 7th Framework Programme
- Coordination Action
- Running from 2009 to 2011
- Consortium:

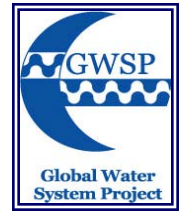


USF	University of Osnabrück (coordinator)	Germany
Adelphi	Adelphi Research gGmbH	Germany
Vituki	Env. Protection and Water Management Research Institute	Hungary
Soresma	Soresma	Belgium
DHI	DHI Institut for Van dog Miljo Forening	Denmark
FSU-Jena	University of Jena, Inst. for Geography, Dep. of Geoinformatics	Germany
EcoPolicy	EcoPolicy	Russia
USER	Unit for Social and Env. Research, Chiang Mai University	Thailand

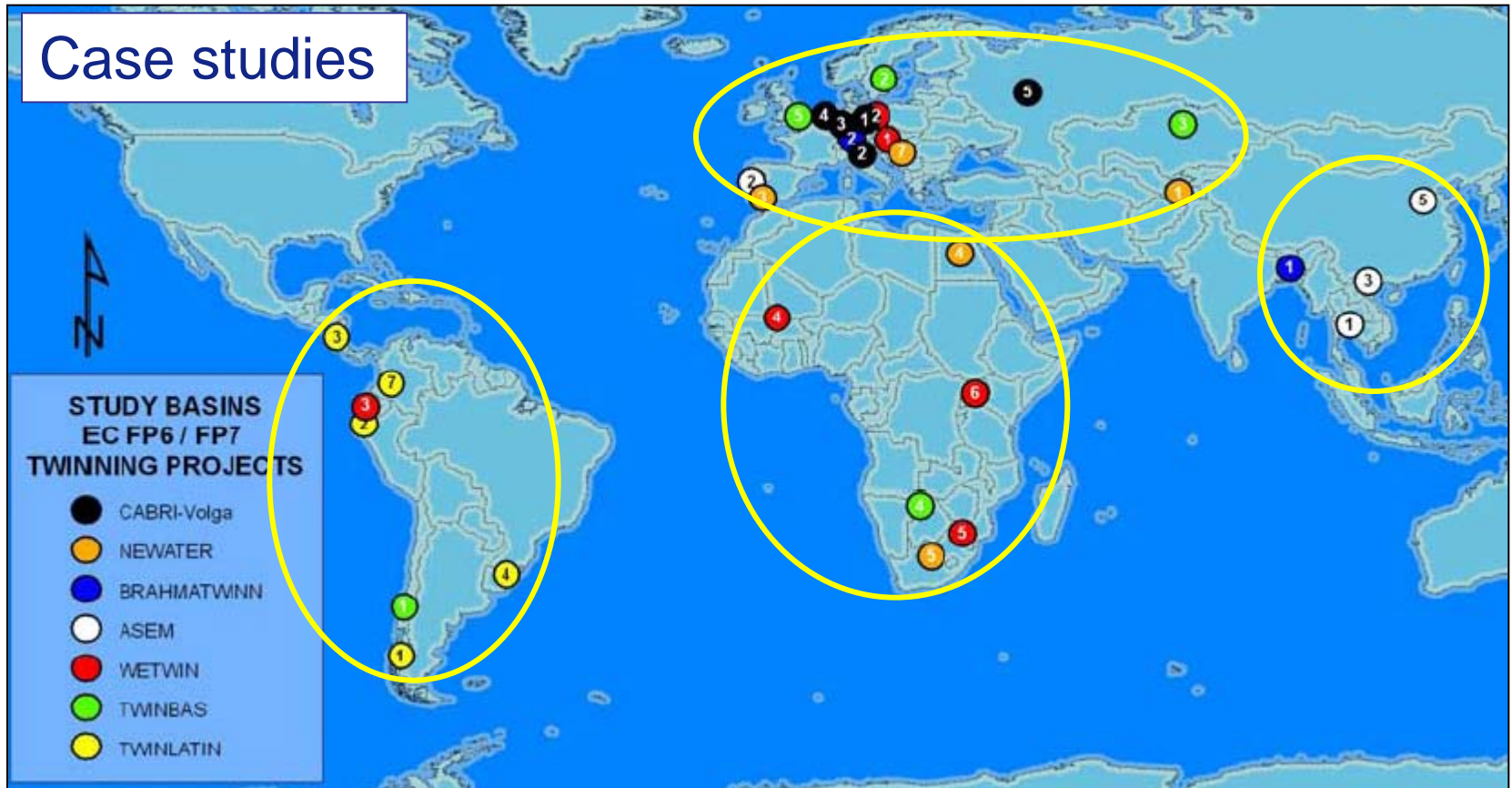
- Advisory Board to bridge the science-policy gap



# Projects & Case Studies



- 7 Projects: CABRI-Volga, NeWater, Brahmatwinn, ASEM WaterNet, WETwin, TwinBas, Twinlatin





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# *Objectives*

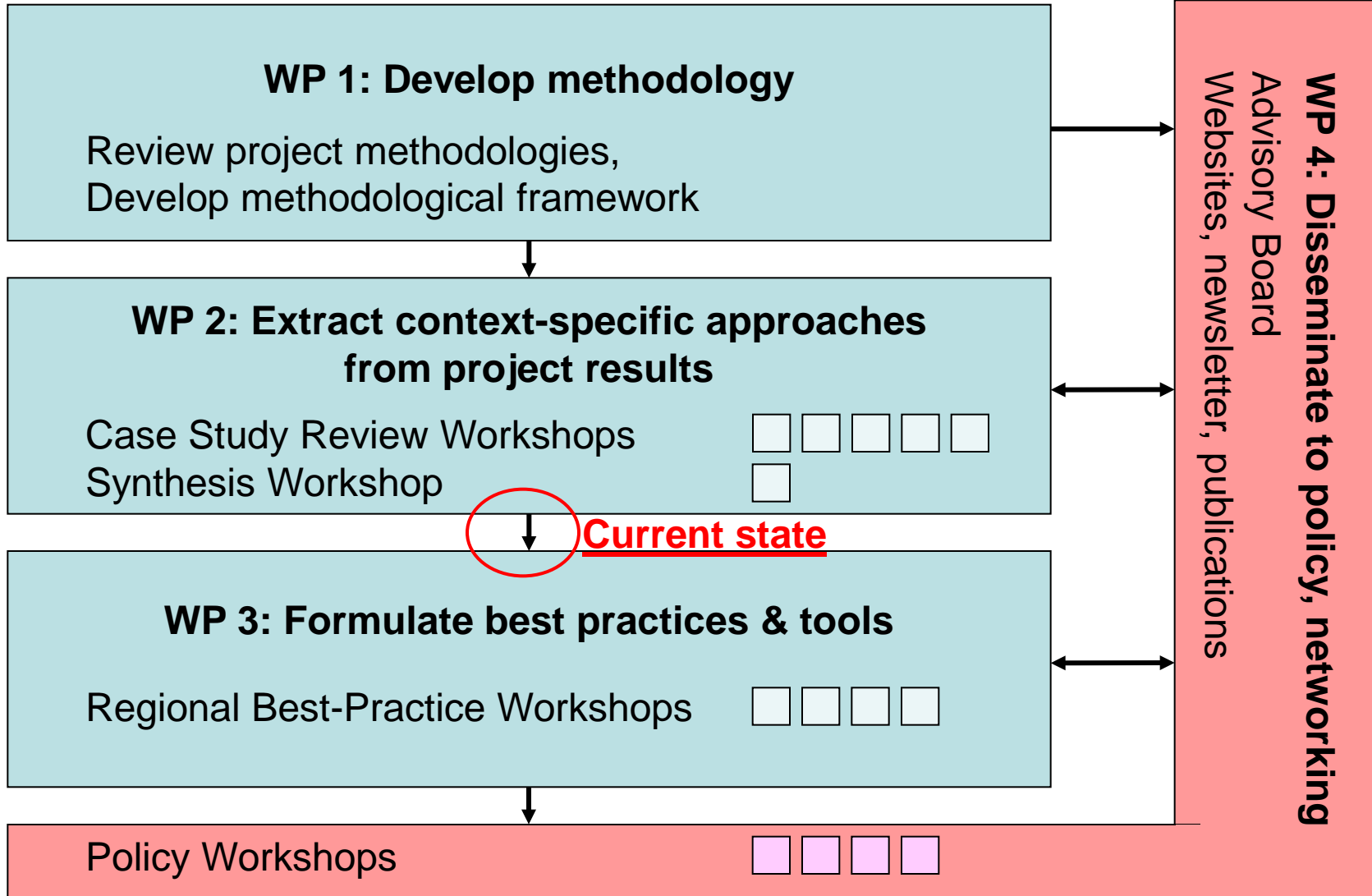
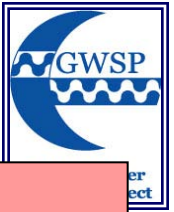


1. Review, compare, synthesize and consolidate the outcomes of several EU projects
2. Draw context-sensitive, but transferable approaches for improved (adaptive) water governance
3. Formulate policy-relevant best practices and tools for implementing adaptive water governance
4. Disseminate outcomes effectively to relevant stakeholders at the policy level





# Workflow



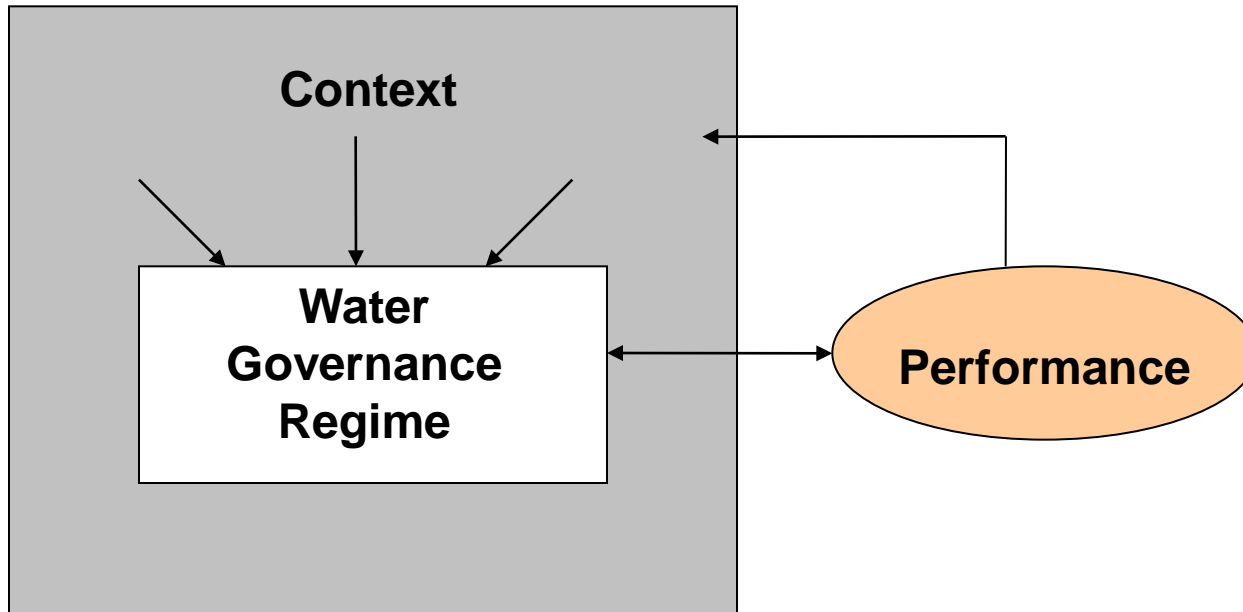
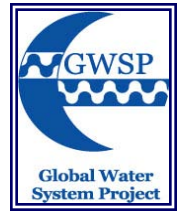
# *A diagnostic approach*



**No panaceas but context sensitive solutions  
(processes, instruments....) to improve the  
performance of water governance and management**



# *Framework of analysis*



**.... analyse how certain characteristics of a water governance regime influence its performance given a certain context in which the regime is embedded**



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# *Performance*



**Progress towards stated goals (MDGs)**

**Good governance principles (realized) as indicators for process dimension**

**Stakeholder participation (realized)**

**Response to Climate Change**

**State of the aquatic environment**

**Water Management Practice**





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# *Development of hypotheses aggregating across scores*



- *Institutional Settings*
- *Regime architecture – type*
- *Integration and Coordination*
- *Information and Knowledge Management*

*Hypotheses link characteristics of water governance systems to performance – they do not yet take context into account  
Of interest to see if differences can be explained with context*

*Hypotheses should be seen as heuristics guiding the analyses!*

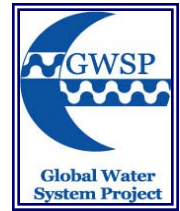


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# *Comparative Analyses of Case Study Data*



- ***Multivariate statistics***
- ***Cross-tab interpretation***
- ***Qualitative examination of hypotheses***



Hypo 12 Good Governance Score Hypo 12

Location	Score Hypo 12
Thames/UK	16
Rhine/TheNetherlands	16
Norrström/Sweden	16
Tisza/Hungary	16
Elbe/Germany	16
Quaraí/Brasil	14
Cuareim/Uruguay	14
Orange/SouthAfrica	14
Brahmaputra/Bhutan	12
Guadiana/Spain	12
Catamayo/Peru	12
Niger/Mali	12
Brahmaputra/Nepal	12
Cauca/Colombia	12
Cocibolca/Nicaragua	12
Brahmaputra/India	12
Olifants/SouthAfrica	12
Volga/Russia	10
Kyoga/Uganda	10
Baker/Chile	10
Okavango/Namibia	8
Nura/Kazahstan	8
RedRiver/Vietnam	8
Biobio/Chile	6
Guayas/Ecuador	6
BangPakong/Thailand	2
Paute/Ecuador	2
Catamayo/Ecuador	2
Amudarya/Uzbekistan	2

P2	CPI
16	7,70
15	8,90
14	9,20
14	5,10
13	8,00
14	3,70
14	6,70
8	4,70
16	5,00
13	6,10
11	3,70
10	2,80
10	2,30
9	3,70
7	2,50
7	3,40
6	4,70
10	2,20
8	2,50
6	6,70
10	4,50
8	2,70
5	2,70
4	6,70
0	2,20
8	3,40
3	2,20
0	2,20
0	1,70

Good governance principles in water legislation

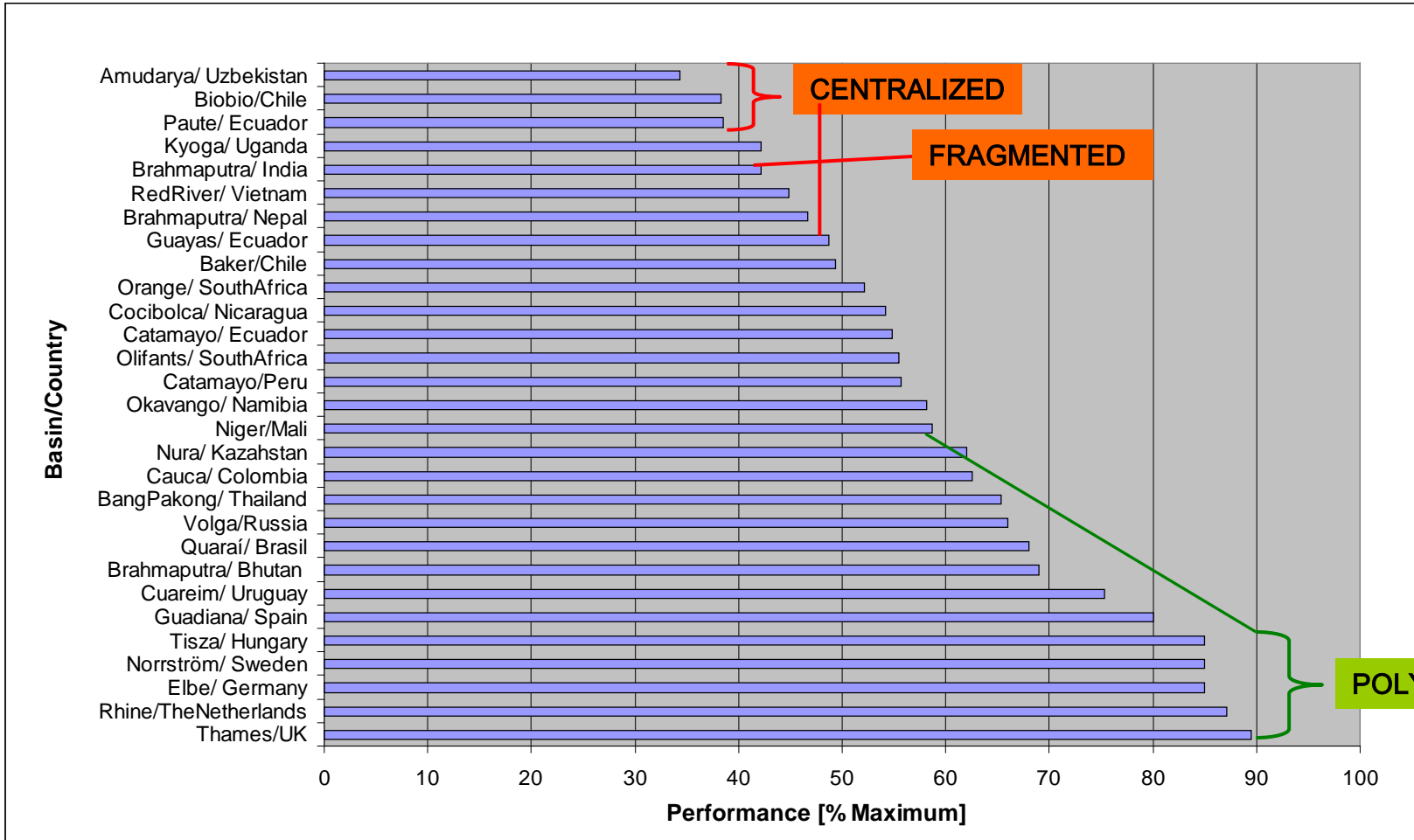
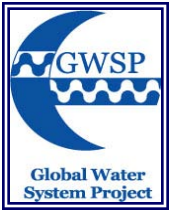
Good governance realized

Effectiveness Formal Institutions

Having good governance principles in legislation in place is a necessary but not sufficient condition for increasing the performance of the water governance and management regime regarding a good governance process.

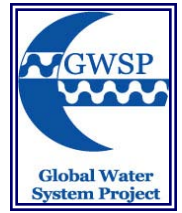


# Link Type - Performance





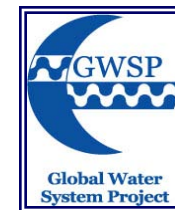
# *Preliminary overall conclusions*



- ***Overall most hypotheses regarding the influence of regime characteristics on process quality (good governance, stakeholder participation) are supported – context important for more refined explanations***
- ***Climate change adaptation seems to be most strongly related to knowledge management, horizontal integration and innovative ways for dealing with uncertainty***
- ***No simple relationship between regime characteristics and state of the environment***
- ***Environmental management practice strongly influenced by institutional setting but state of economic development decisive***
- ***Development of typologies promising***
  - ***polycentric, centralized, fragmented***
  - ***relationship formal and informal institutions***
  - ***context – economic and societal***



# *Further work*



- *Further refinement of analyses – towards diagnostic approach*
- *Set of policy workshops targeted at national policy level*
- *Addition of further basins*
- *In depth studies guided by findings from exploratory analyses*
- *Development of a database on the web – for scientists and practitioners*

## *Link to GWSP*

- *Demand from people to be on a water governance network – distribution list for communication*
- *Development of global data base on global water governance systems under umbrella of GWSP?*



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