

Interdependencies

Actor and network analysis

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Step 5: Interdependencies

1. Problem formulation as point of departure
2. Inventory of the actors involved
3. Mapping formal relations
4. Inventory of interests, objectives and perceptions
- 5. Interdependencies: resources and salience**
6. Implications for problem formulation and client

Step 5: Interdependencies: Potential Resources

- information
- knowledge (and skills)
- manpower
- money
- authority / formal power
- position in the network:
access to other actors
- Legitimacy (and moral authority)
- organization (ability to mobilize and use resources effectively and efficiently)
- others, such as... ..

Step 5. Interdependencies (c)

Resource dependency

	Limited importance	Great importance
Limited replaceability	Medium level of dependency	High dependency
Great replaceability	Low dependency	Medium dependency

Step 5. Interdependencies

Table for the identification of critical actors

Actors	Important resources	Degree of replaceability	Dependency	Critical actor?
Actor 1	yes	low	high	yes
Actor 2	yes/no	high	low	no
Actor N	yes	?	?	?

Table for determining the 'critical actors'

Actors	Important resources	replacable	dependence	Critical?
Min. Econ Affairs	Subsidies (SDE). Natl policy on location choices NorthSea, Preparation Energy Policy, Inspection network administration and energy production	Low	High	Yes
I&E Water & Space	NorthSea policy, process management locations. Permits off shore windfarms	Low	High	Yes
I&M Env & International	Natl climate policy International climate policy	Low	Low	No
Windmill industry (Vestas, Siemens)	Specialistic knowledge and production capacity for offshore windturbines	High	High	No
...				

Dedication and perception

Dedication:

- Do actors have a real interest in the problem or the solutions? Do they want to be engaged? Are they willing to use their means?

Perception:

- Do actors have the same objectives as the problem owner? Do their interests align?
- Do they support the problem owners preferred solution?

Perceptions and dedication with respect to Windparks at Sea

- What does the problem owner want?
- More windmills at sea
- Do other actors want that too?
- How important is this objective for the other actors?

“the” matrix

	Dedicated actors		Non-dedicated actors	
	Critical	Non-critical	Critical	Non-critical
Similar / supportive interests and objective				
Conflicting interests and objectives				

“the” matrix

	Dedicated actors		Non-dedicated actors	
	Critical	Non-critical	Critical	Non-critical
Similar / supportive interests and objective	Strong allies	Weak allies	Indispensable allies that are hard to activate	Actor that do not have to be involved (initially)
Conflicting interests and objectives	Strong opponents (biting dogs)	Potential critics (barking dogs)	Potential strong opponents (sleeping dogs)	Actors that need little attention (stray dogs)

“the” Wind at Sea matrix

	Dedicated actors		Non-dedicated actors	
	Critical	Non-critical	Critical	Non-critical
Similar / supportive interests and objective				
Conflicting interests and objectives				

“the” Wind at Sea matrix

	Dedicated actors		Non-dedicated actors	
	Critical	Non-critical	Critical	Non-critical
Similar / supportive interests and objective	Min I&M Water & Space TenneT Energy companies	Env ngo's NWEA Knowledge institutes Construction companies Windmill producers	Banks Private equity	Min I&M DG Environemnt & International
Conflicting interests and objectives	Harbor authorities Shipping sector	Min Econ Affairs (Fisheries) Oil and gas industry		Min Finance Provinces Dredging companies Local authorities