

COMPUTER SAYS NO?

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Governance uitdagingen
bij de implementatie van
kwelders in
dijkversterkingsprojecten

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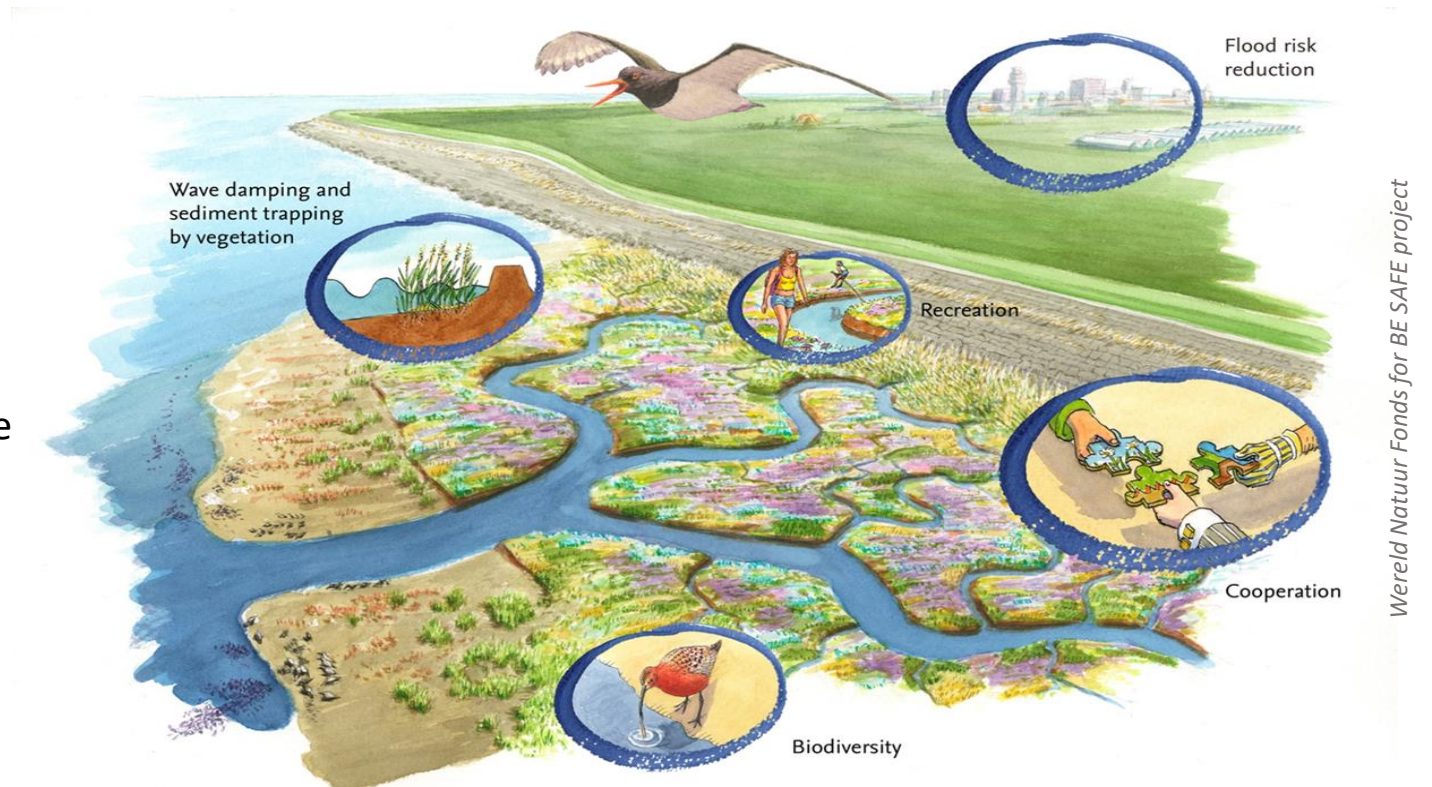
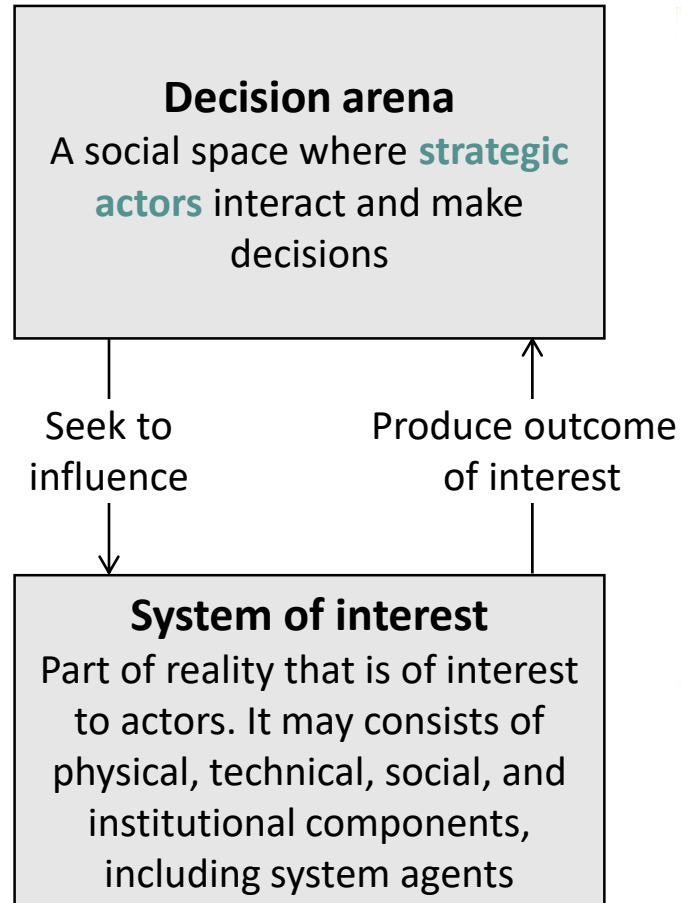
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Governance van dijken & kwelders

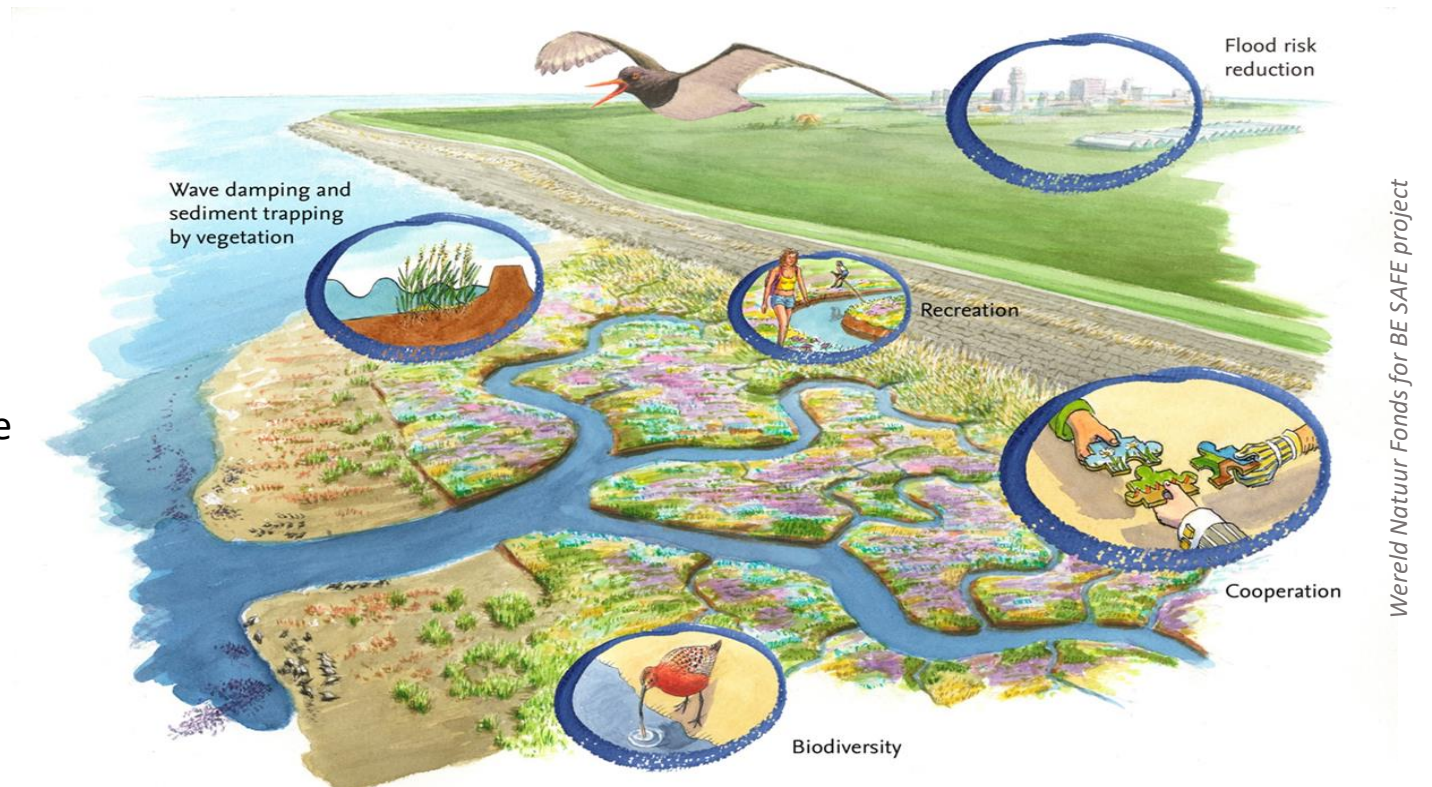
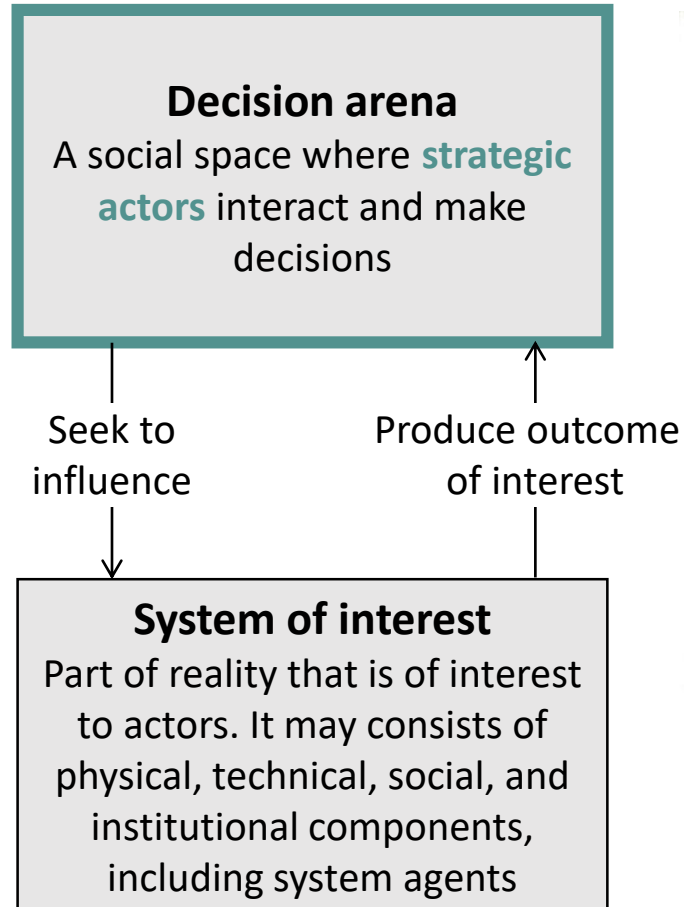
1. Dijkversterking, kwelders en governance
2. Arena's en spelregels
3. Perspectief: "Living dikes"



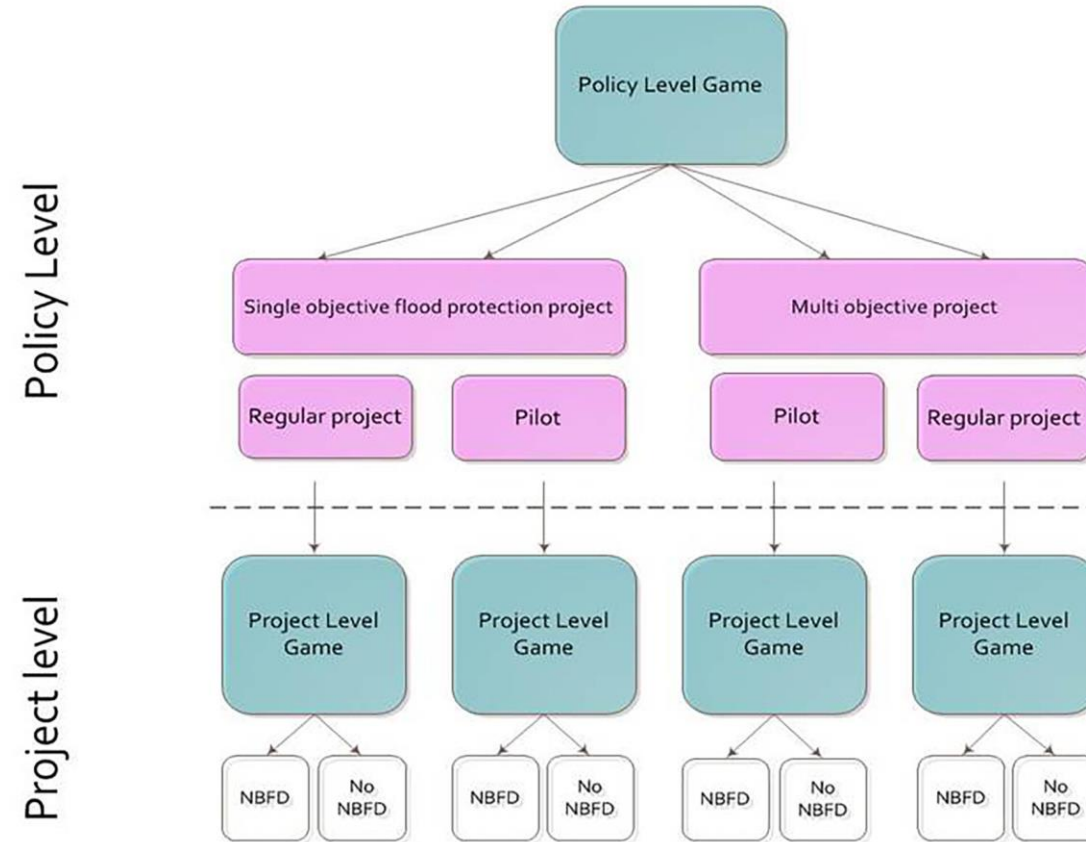
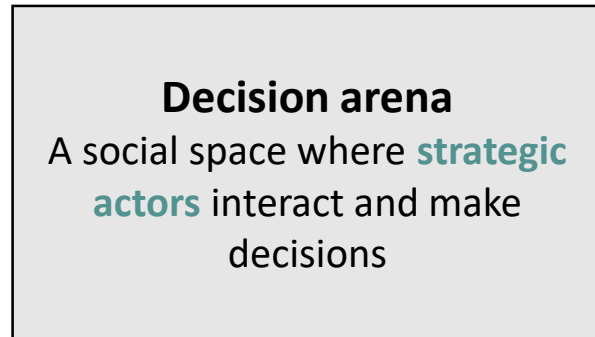
Dijkversterking en governance



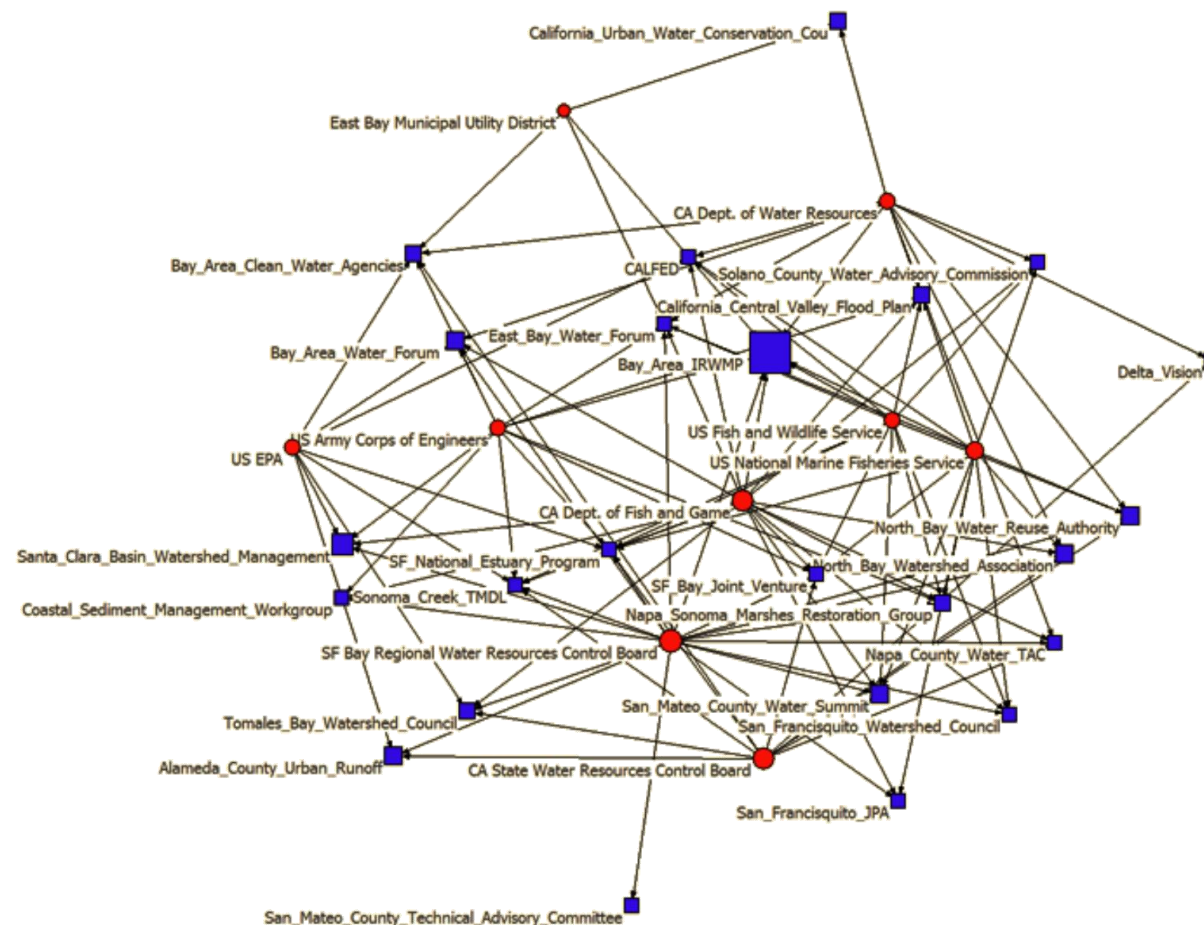
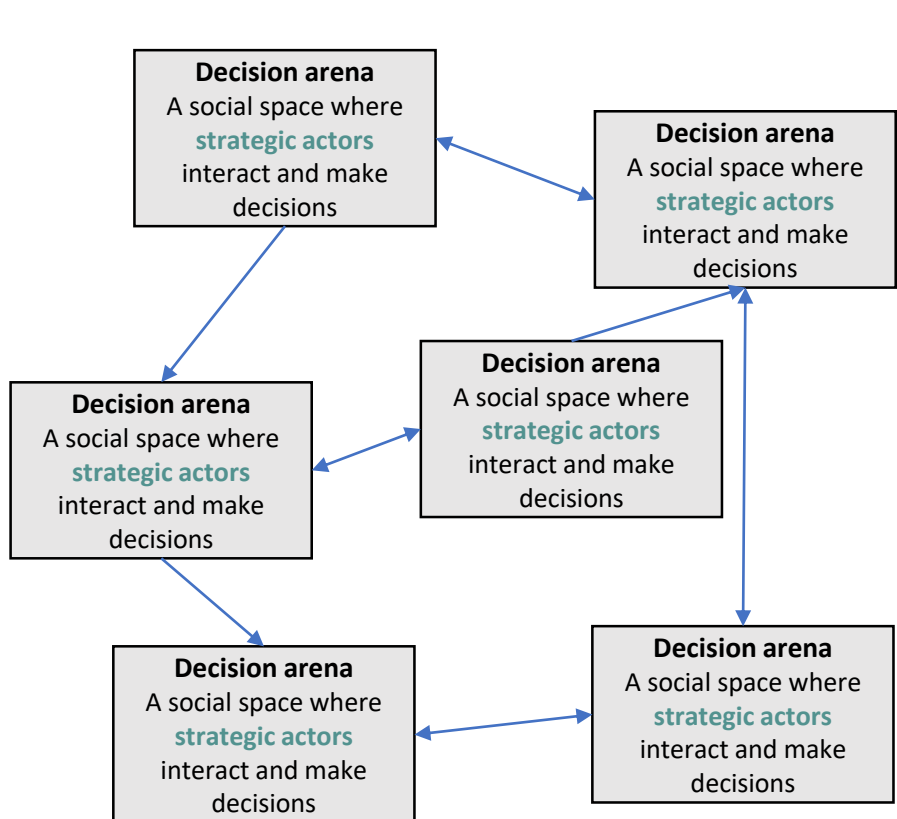
Dijkversterking en governance: arena's



Dijkversterking en governance: arena's



Elk deelaspect zijn eigen (deel-)arena



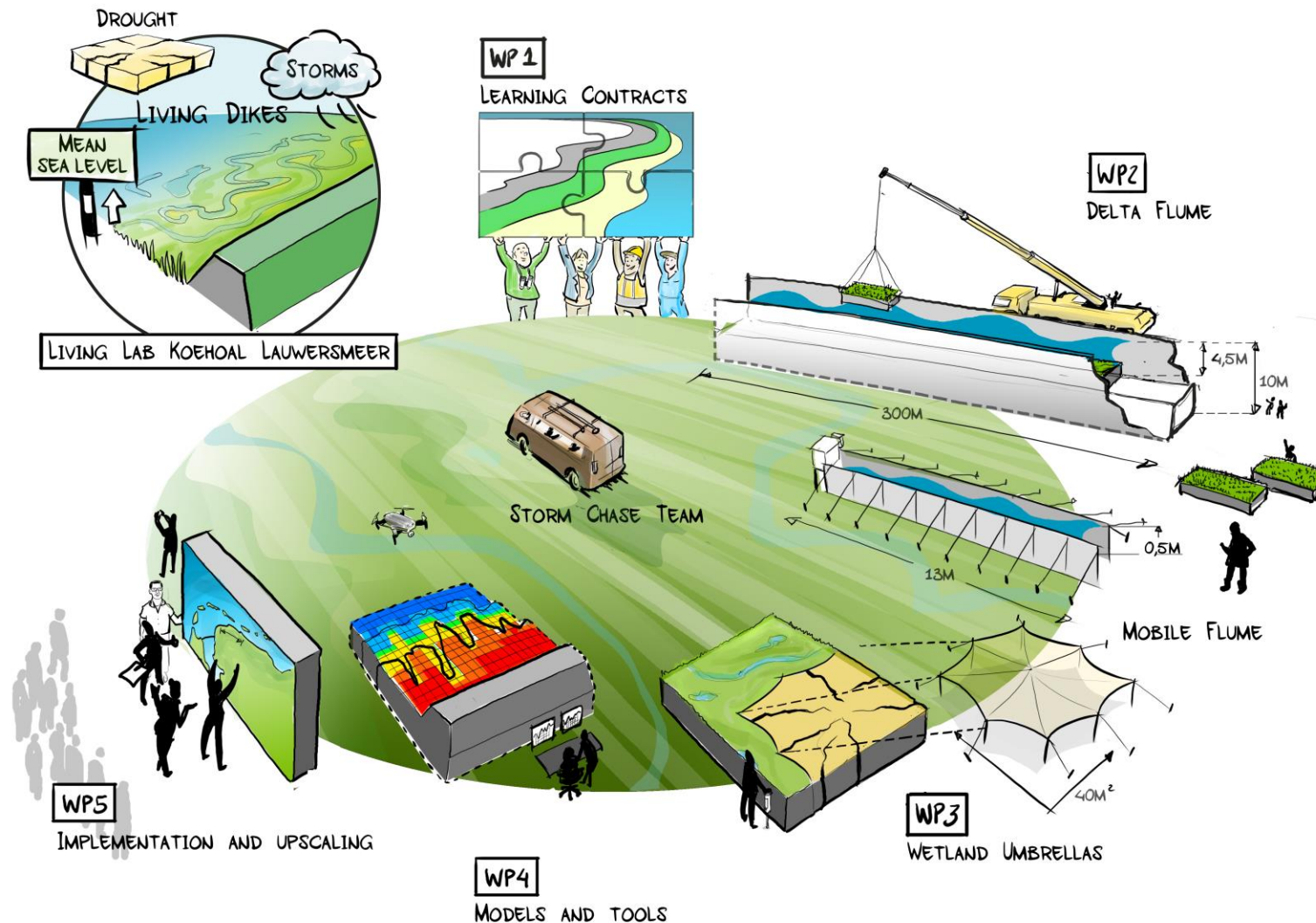
Elke arena zijn eigen regels

“Sober en Doelmatig” of “Verkokerd en Kortzichtig”?



“Computer says no”, Little Britain

Living Dikes: Gezamenlijk leren



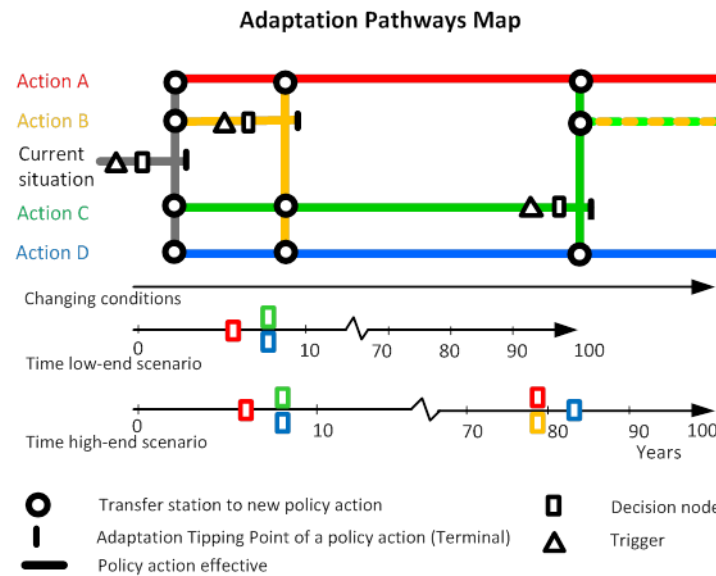
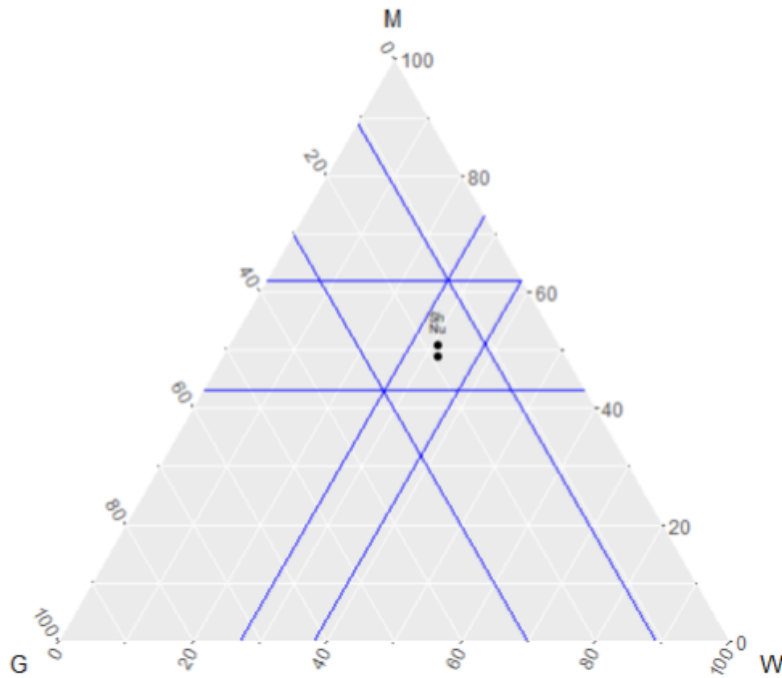
“Adaptive join action”:

- Kaders voor experiment
- Pro-actieve adaptatie
- Binnen ruimte met gezamenlijke meerwaarde



Enkele eerste bouwstenen....

Great Brak Estuary case



Pathways Map: Deltares (Haasnoot et al), 2015, Fig.2.1



Esmee Bannenberg



Leon Hermans



Stephanie Janssen



Jill Slinger



Heleen Vreugdenhil

METHODIEK “MEERWAARDE VAN SAMENWERKEN” / “CO-ADD”

Vreugdenhil, H., S. Janssen, L. Hermans, J. Slinger. 2022. Cooperating for added value: Using participatory game theory in implementing nature-based flood defences. In: *Ecological Engineering*, 176, <https://doi.org/10.1016/j.ecoleng.2021.106507>



DISCUSSIE & “?”

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RESEARCH INSTITUTES

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Deltares



VEILIGHEIDSGEGIO
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Rijkswaterstaat

Waterschap
 NOORDERZIJLVEST



Waterschap
 Hunze en Aa's



Witteveen + Bos



Van Oord
 Marine ingenuity

