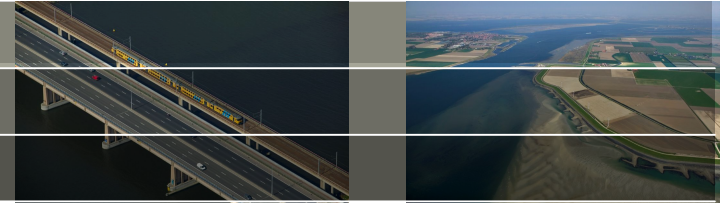




KRW-Verkenner versie 2

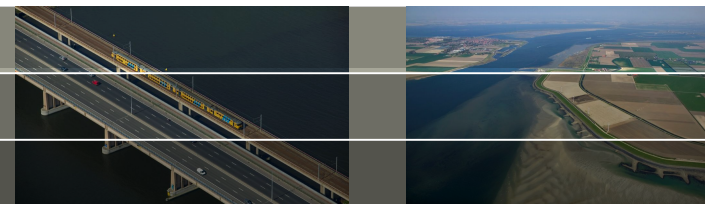
Joost van den Roovaart
Esther van Zantvoort
Erwin Meijers

Inhoud



- Waarom een KRW-Verkenner? (Joost)
- Hoe verloopt de bouw? (Esther)
- Demo (Erwin)

Doel instrument



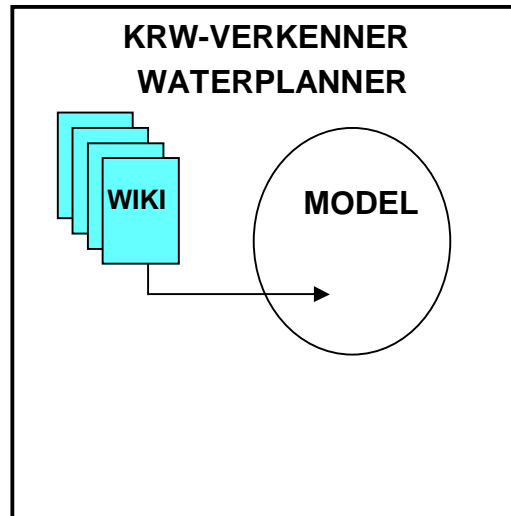
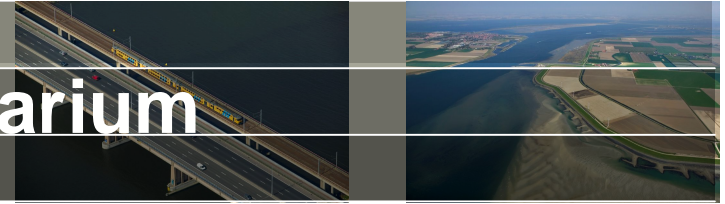
ondersteuning van Stroomgebiedbeheerplannen Kaderrichtlijn Water

- effecten van maatregelen in beeld brengen
- voor chemie (waterkwaliteit) én ecologie
- naast effecten ook kosten van maatregelen
- voor kleine watersystemen, maar ook voor NL breed
- verschillende soorten maatregelen, zoals:
 - > nationaal Mestbeleid
 - > verbetering zuivering RWZI's
 - > aanleggen natuurvriendelijke oevers

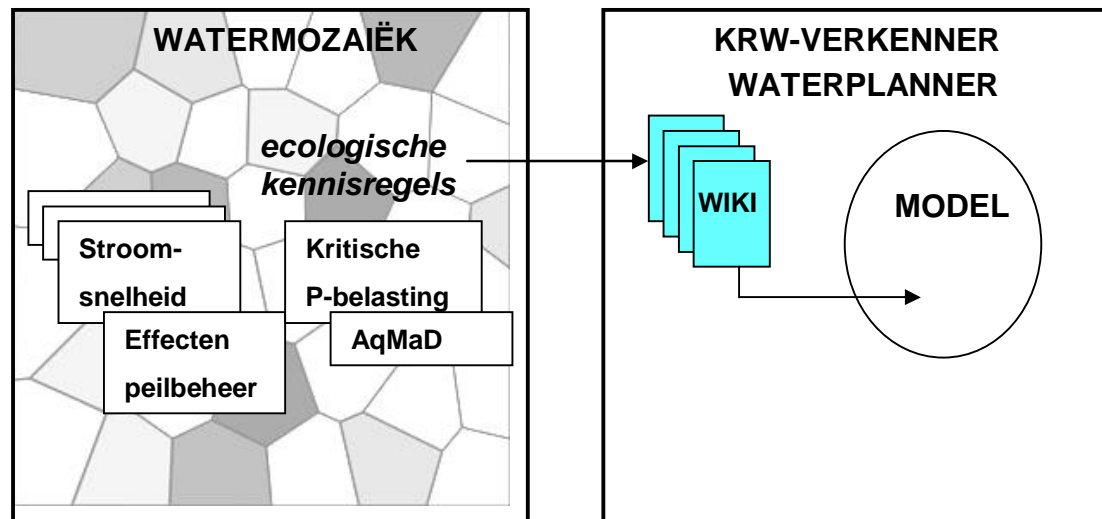
Wat voor vragen mee beantwoorden?

- Wat heeft meer effect: aanscherping mestbeleid of op alle RWZI's een vierde zuiveringstrap? En wat zijn de kosten van beide? Wat is kostenefficiënter?
- Haal ik met de KRW-maatregelen de doelstellingen in 2021, of moet ik nog extra maatregelen nemen?
- Als Duitsland zijn voorgenomen KRW-maatregelen gaat uitvoeren, wat is daarvan het effect in NL?
- Wat zijn de effecten van de KRW-maatregelen op de mariene wateren?
- Kan ik als waterschap beter investeren in het aanpakken van lozingen in mijn eigen gebied of kan ik beter de samenwerking opzoeken met de burens?

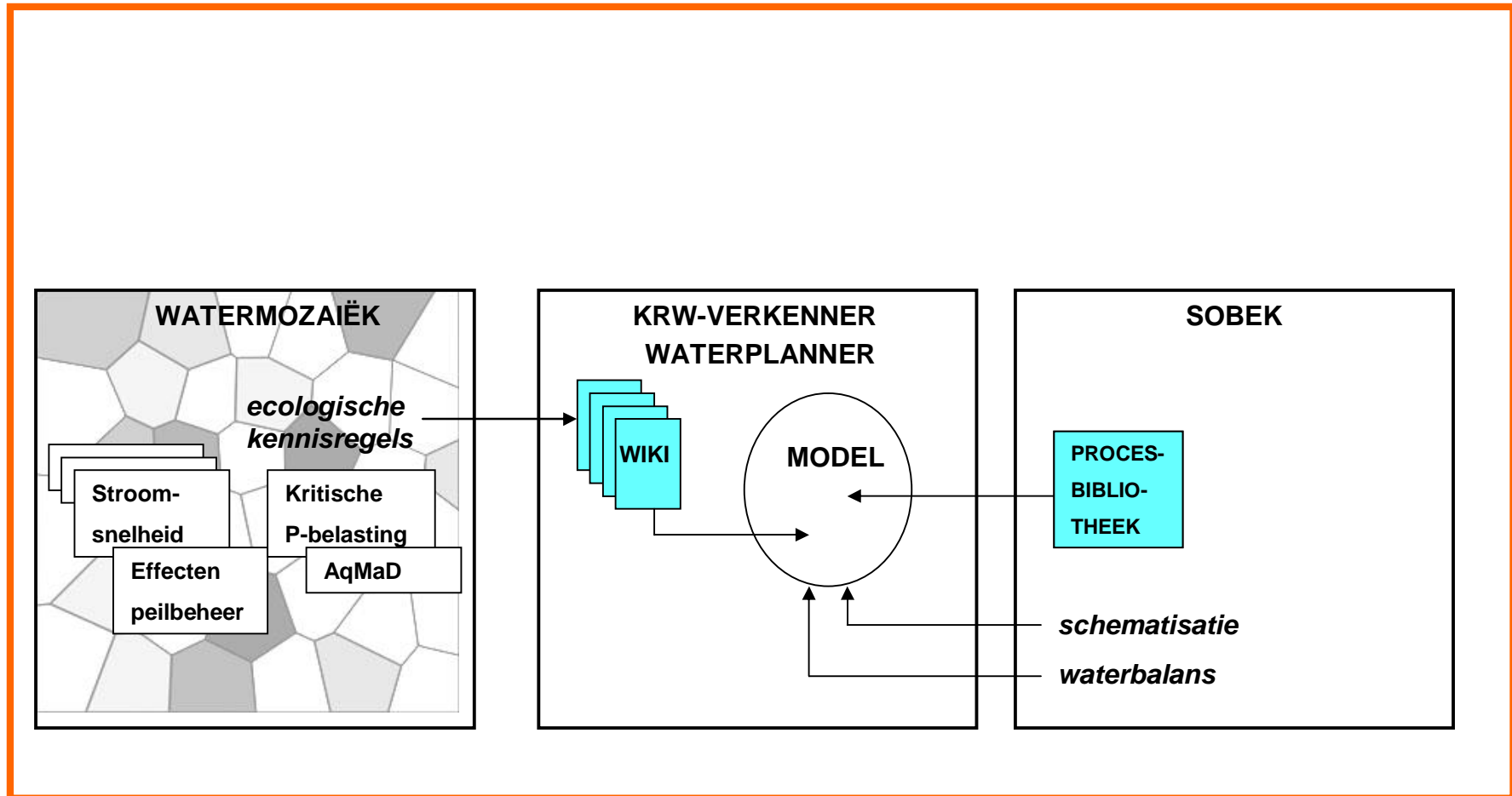
Samenhang modelinstrumentarium



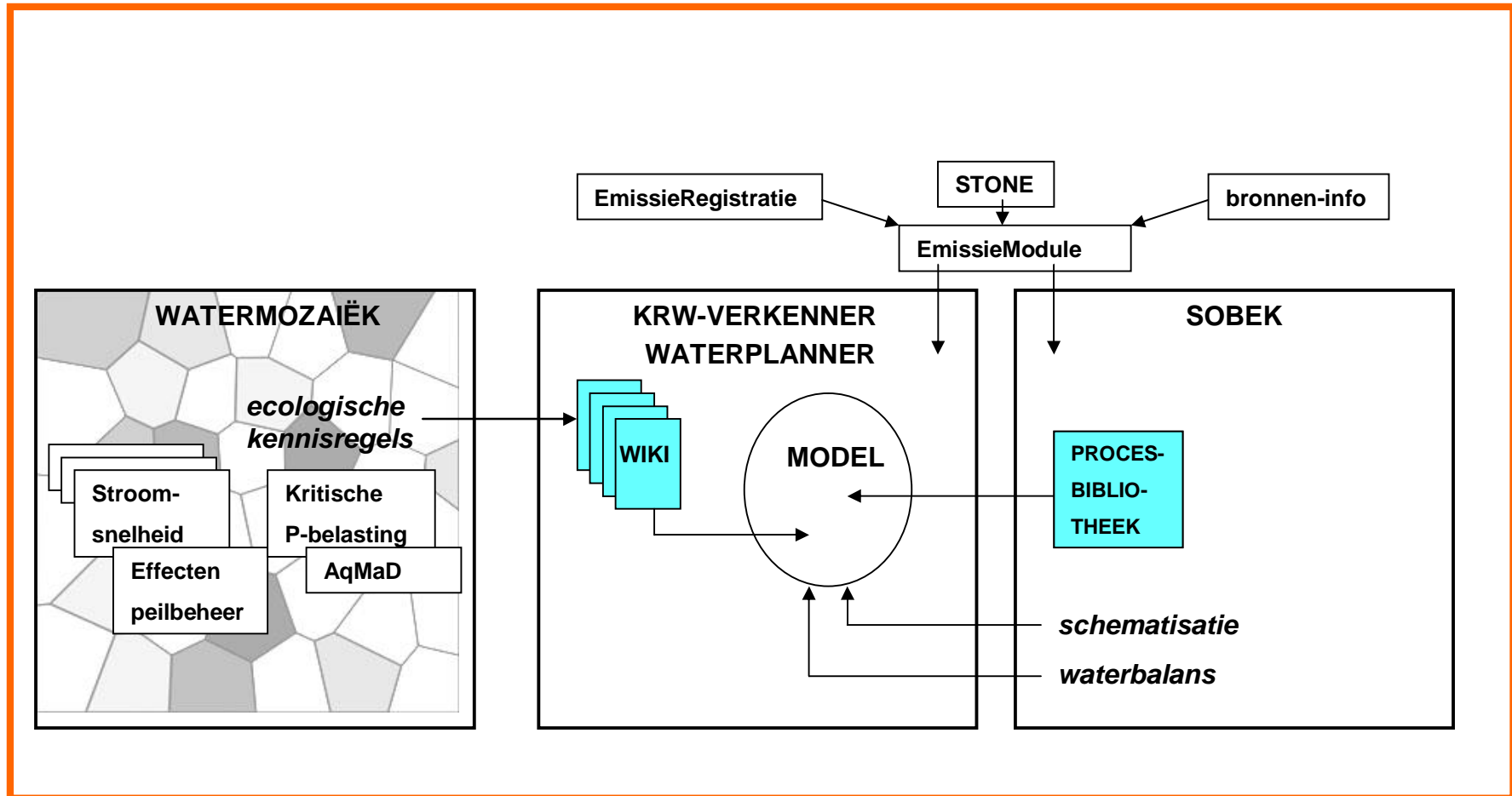
Samenhang modelinstrumentarium



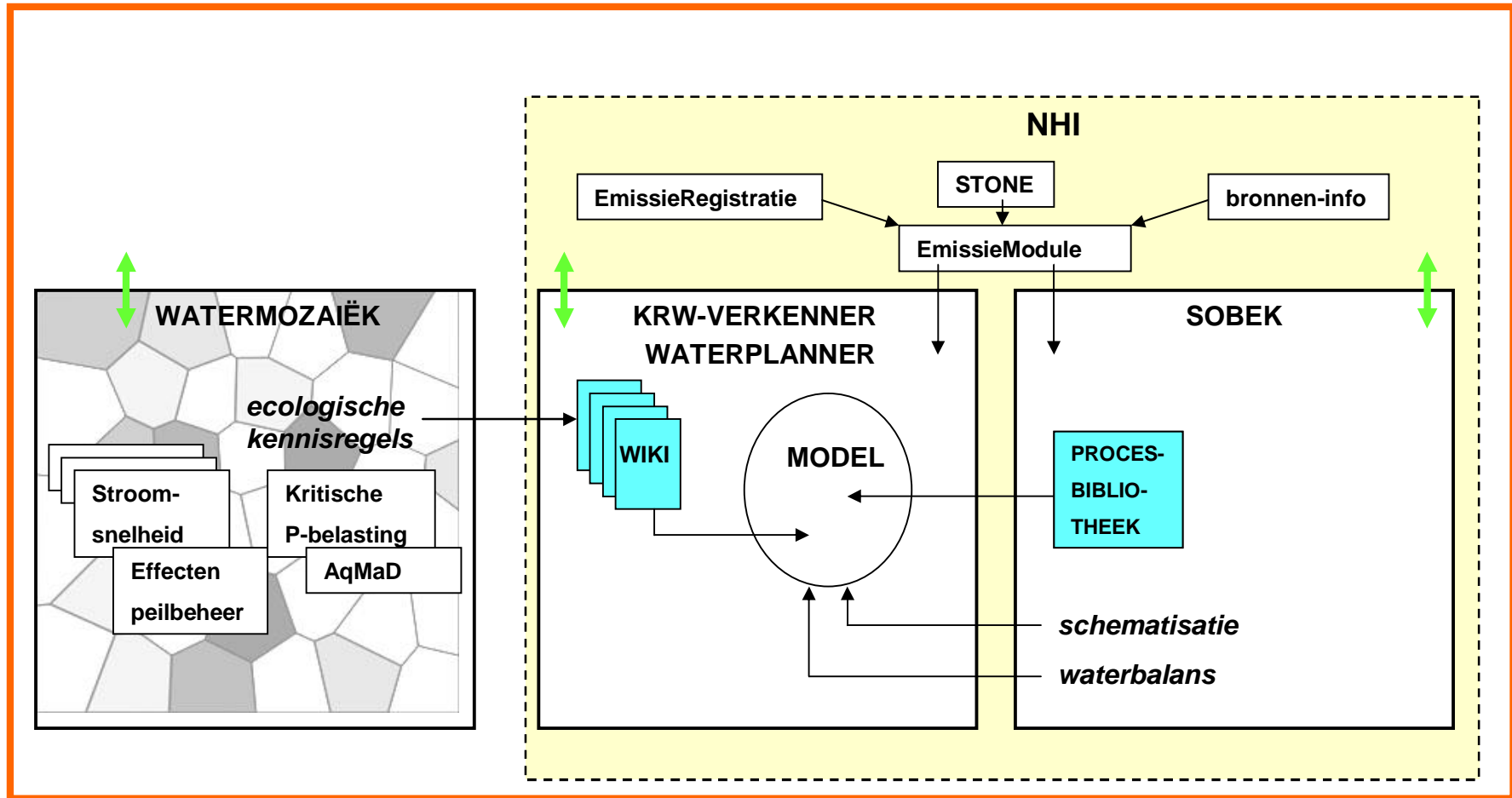
Samenhang modelinstrumentarium



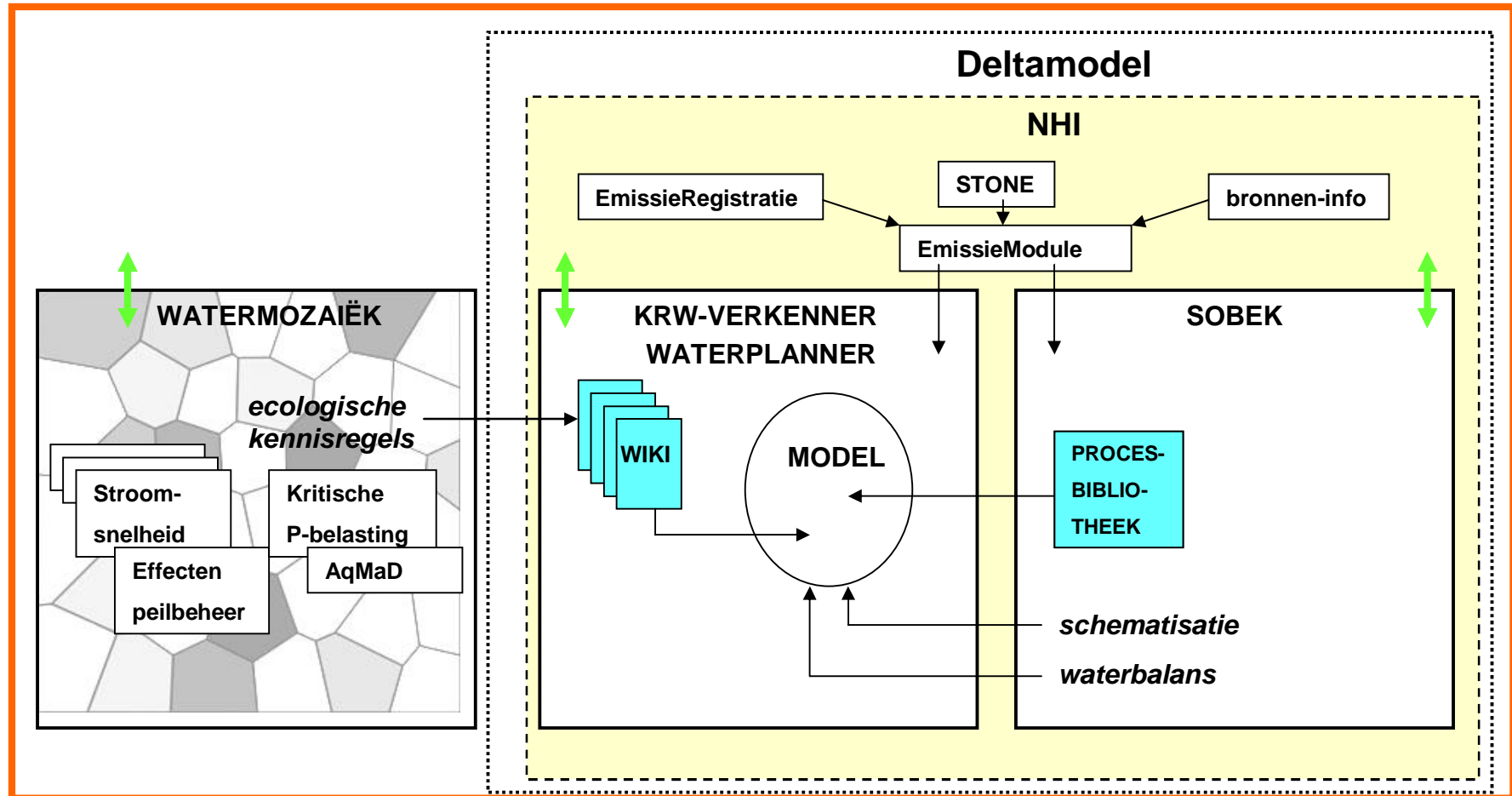
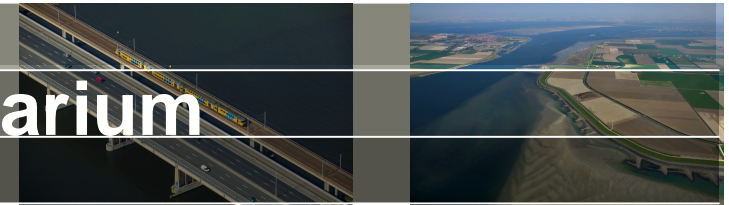
Samenhang modelinstrumentarium



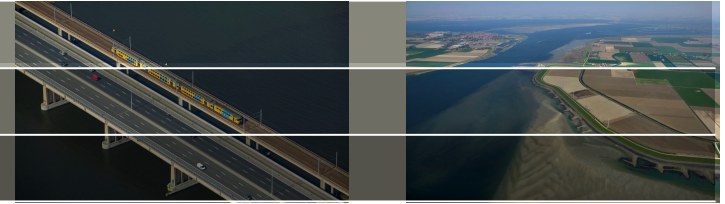
Samenhang modelinstrumentarium



Samenhang modelinstrumentarium

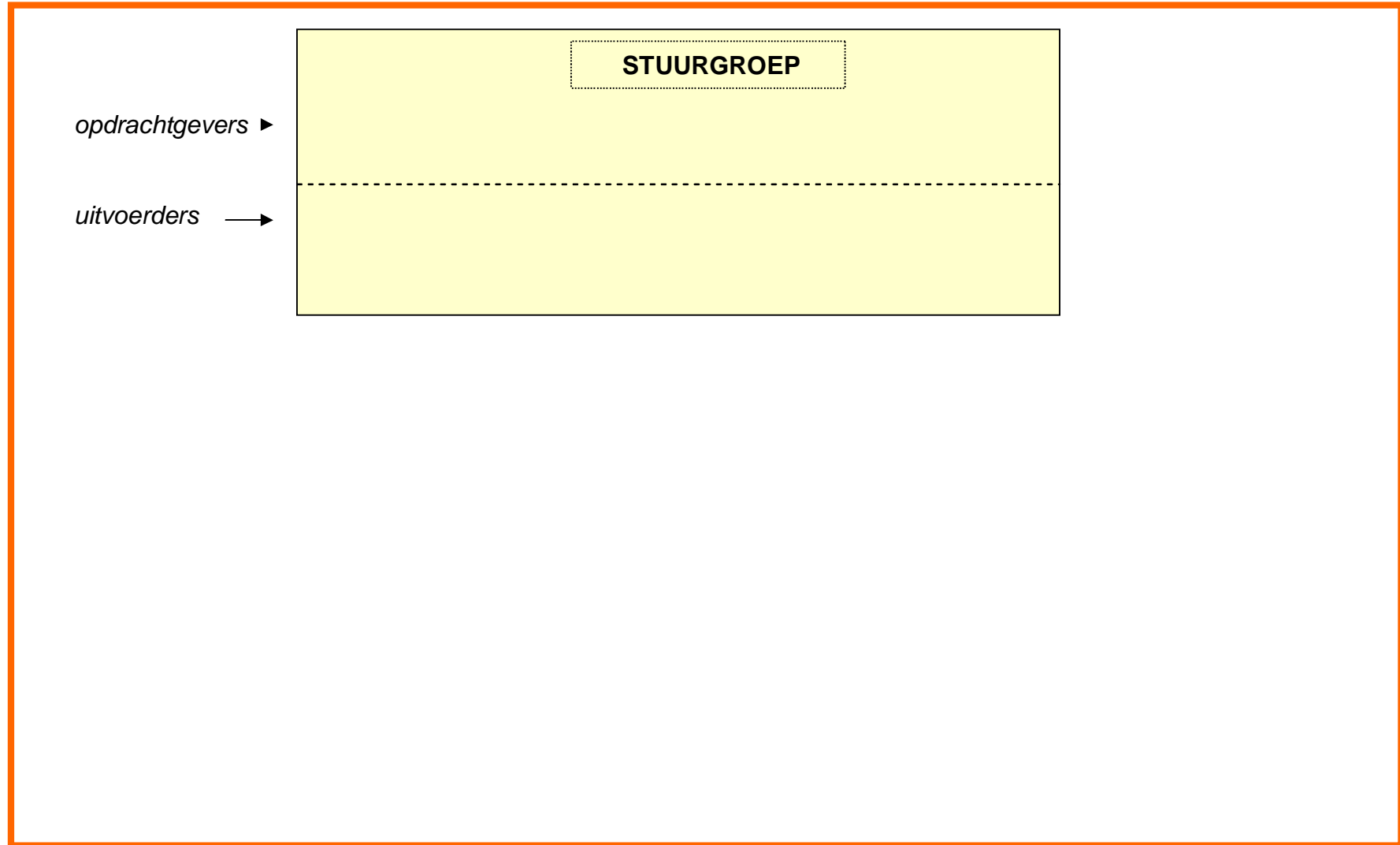
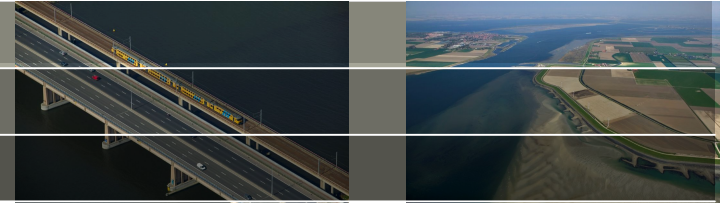


Organisatie

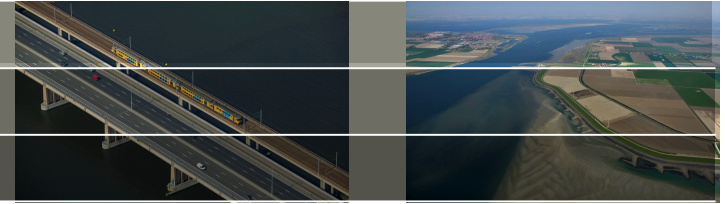


STUURGROEP

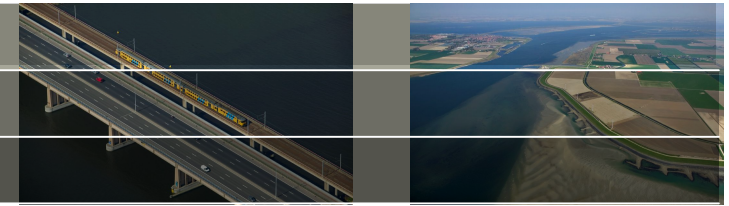
Organisatie



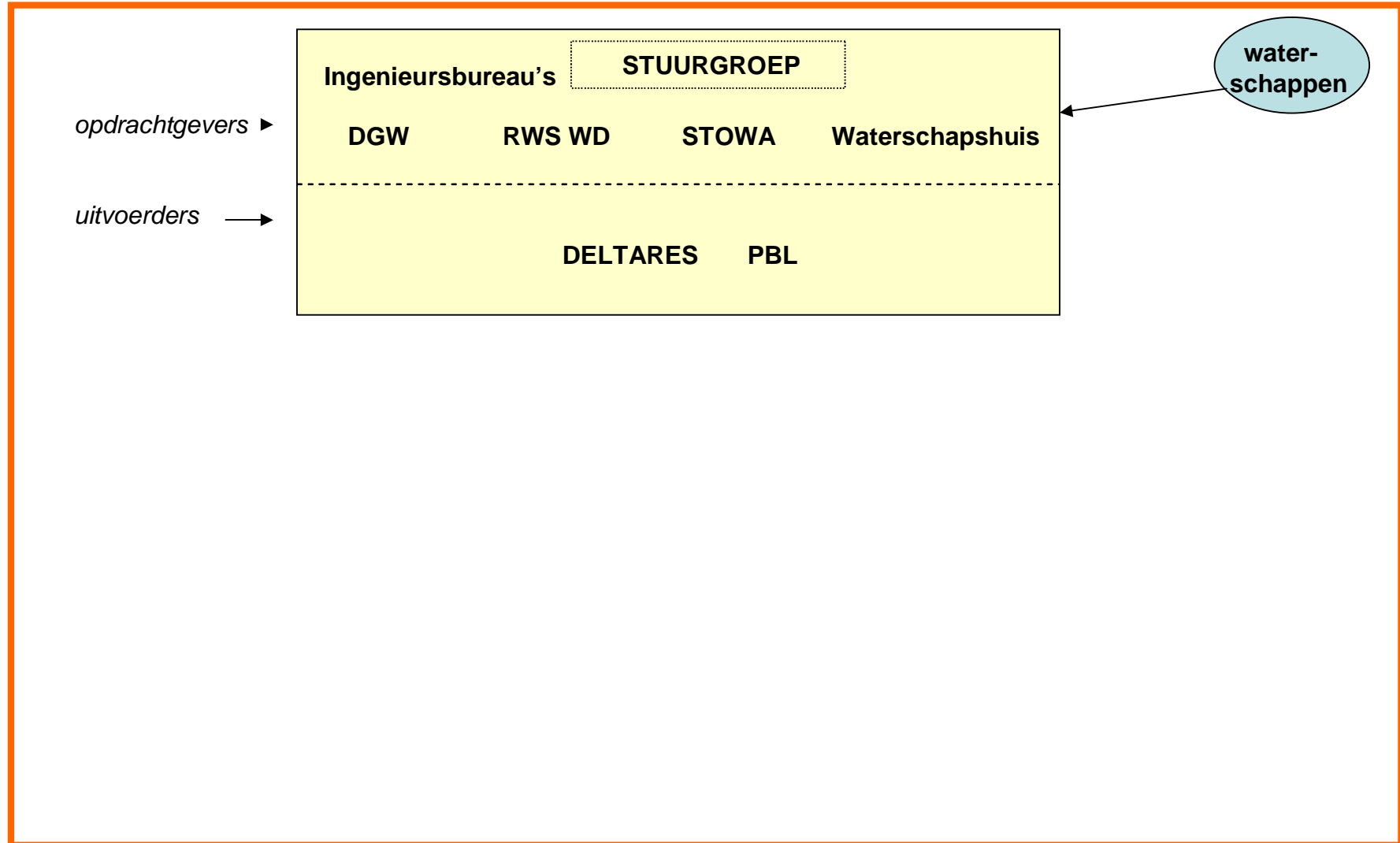
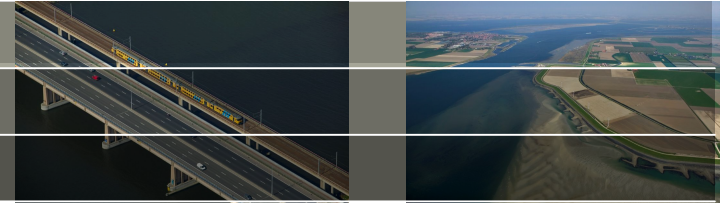
Organisatie



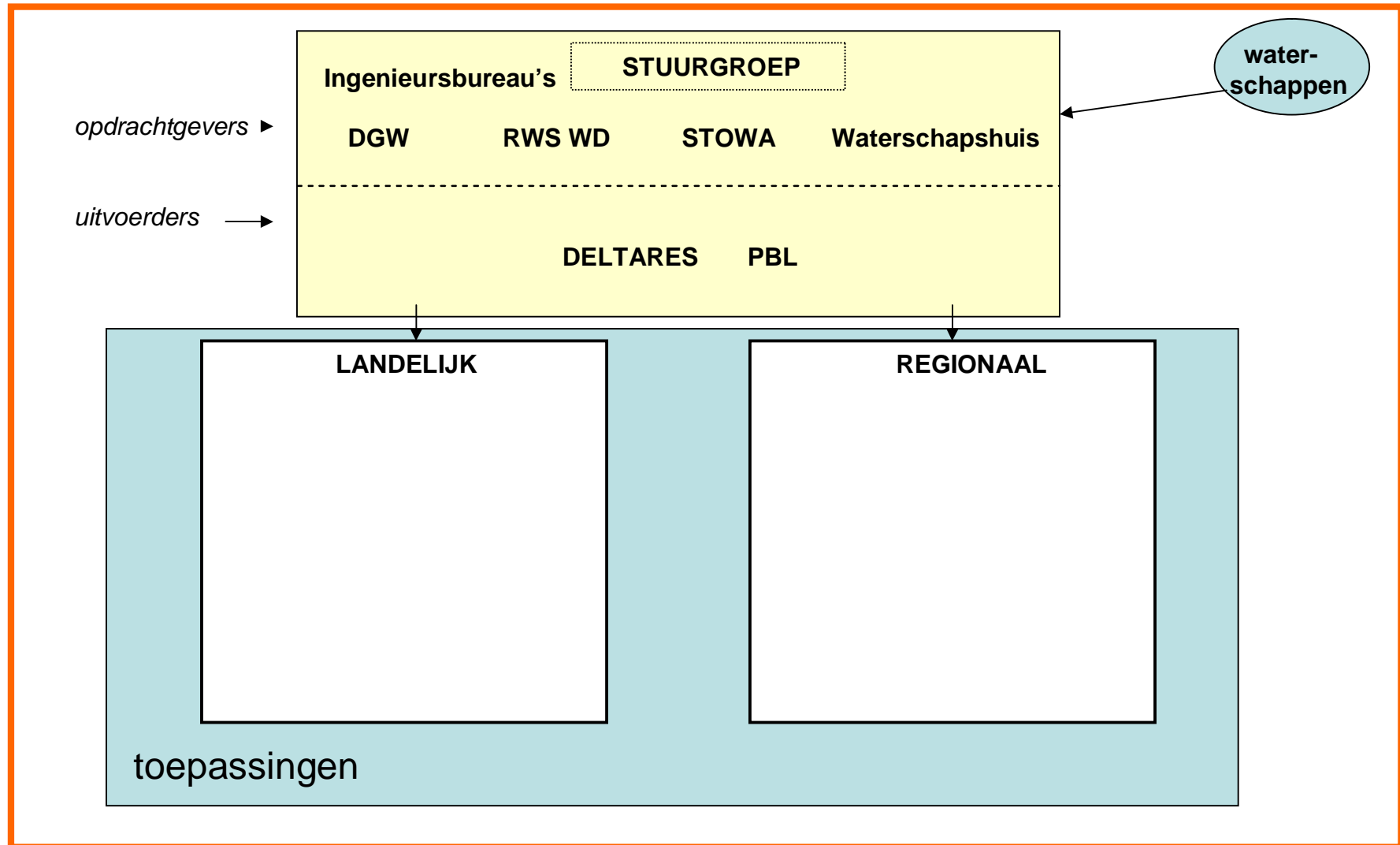
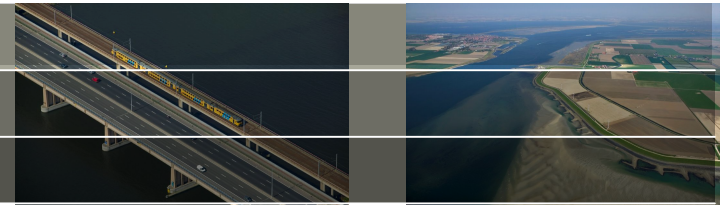
Samenwerking: organisatie



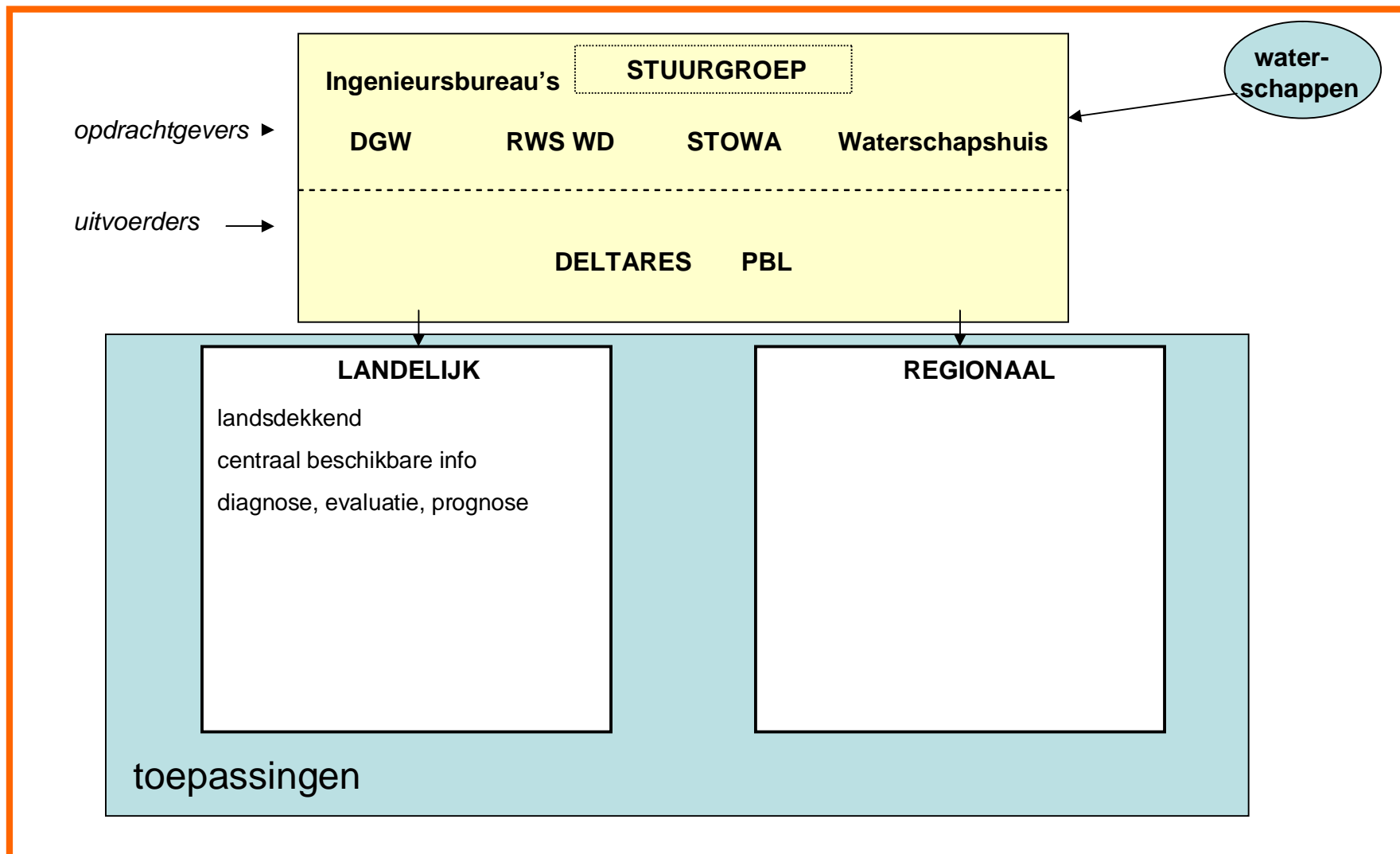
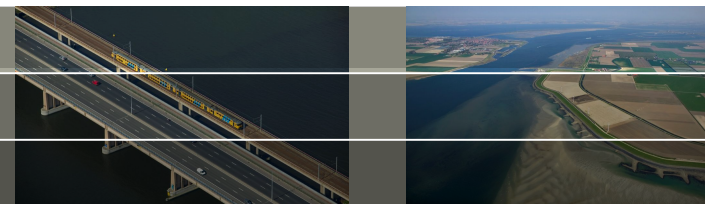
Samenwerking: organisatie



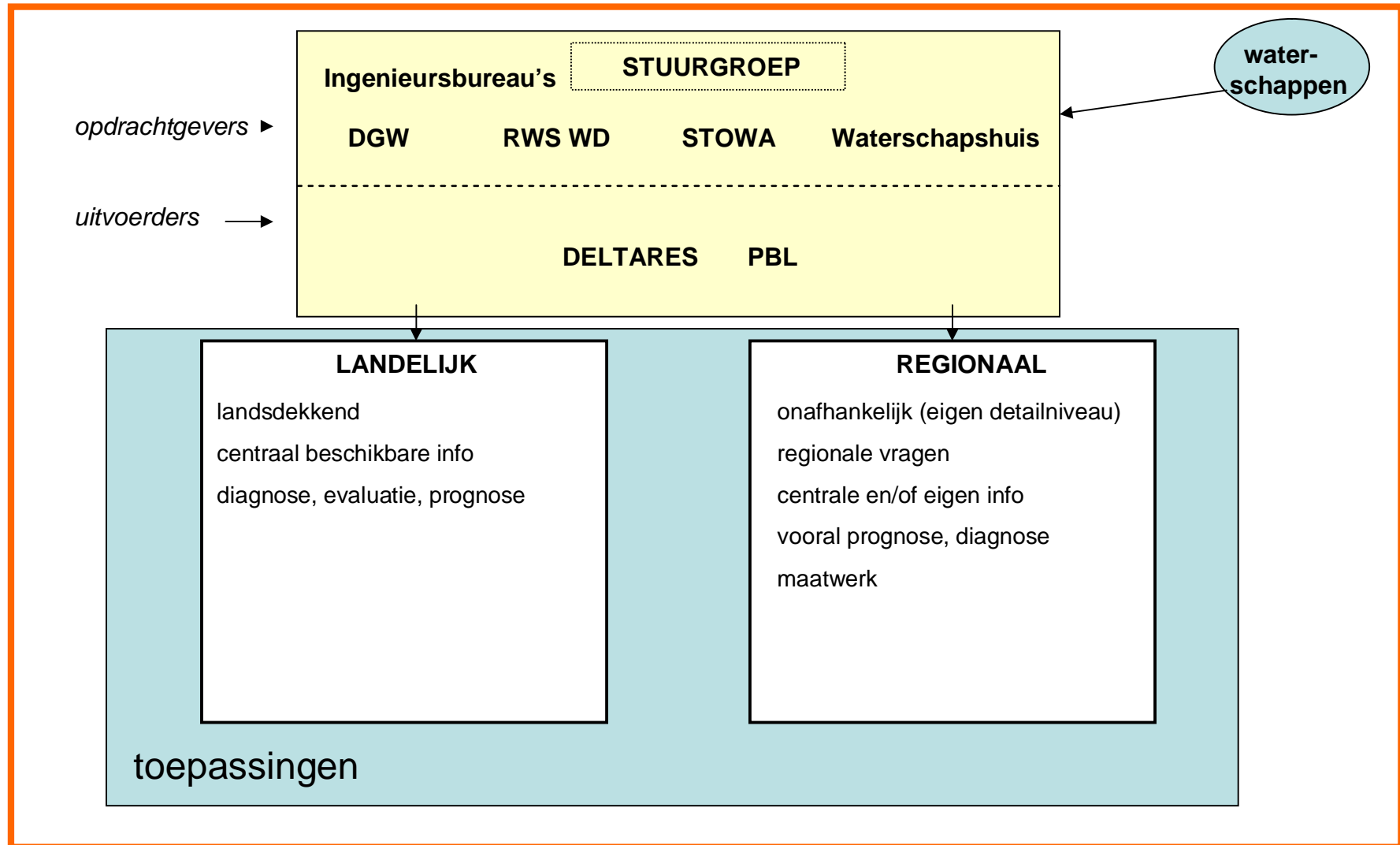
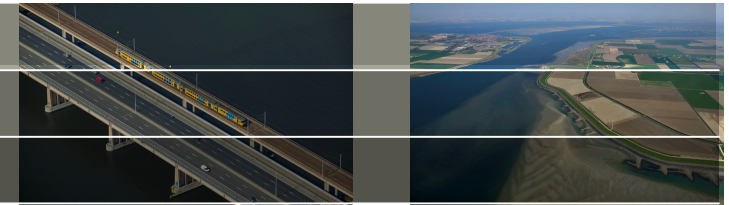
Organisatie



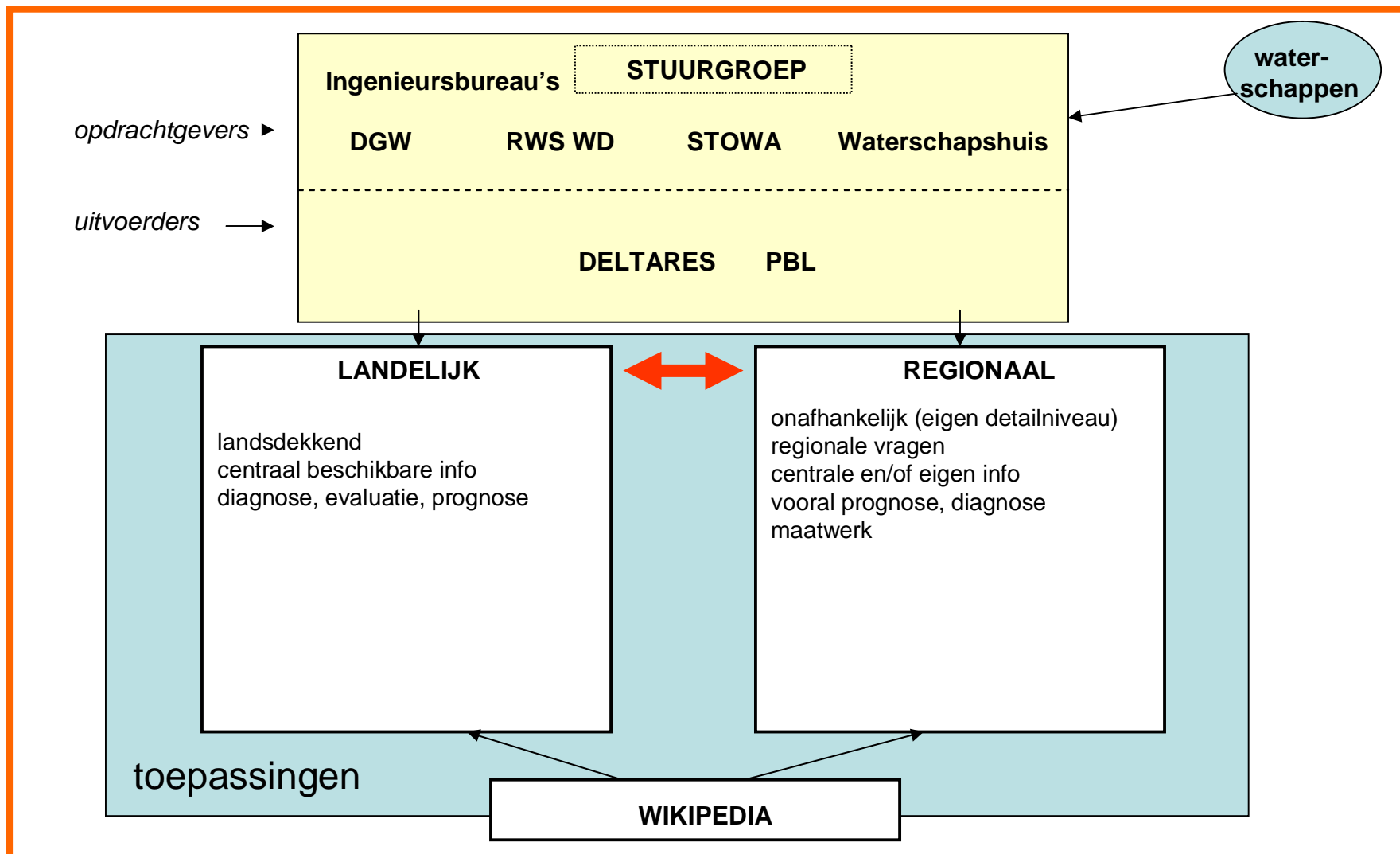
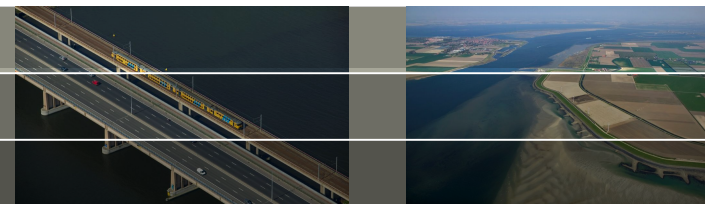
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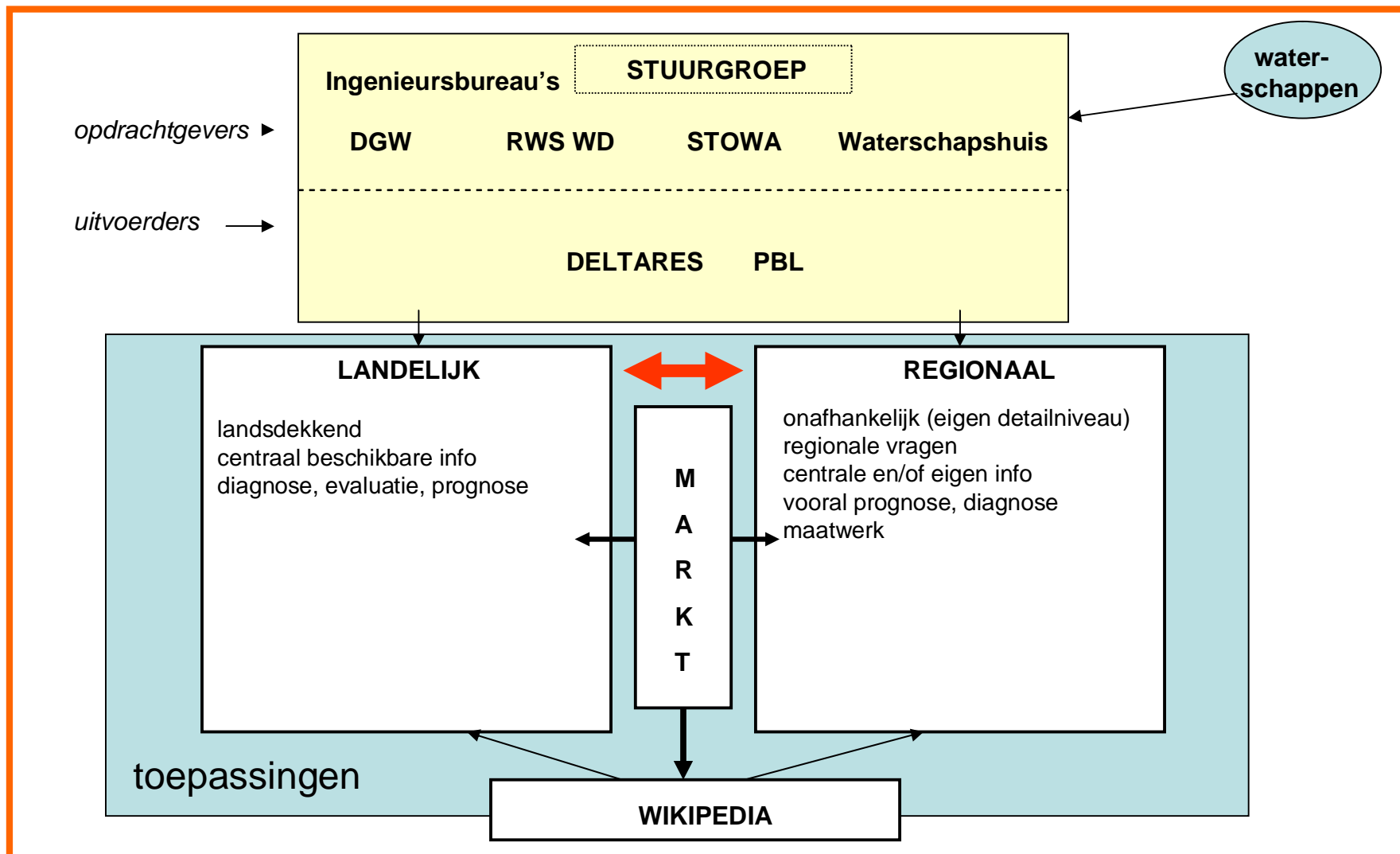
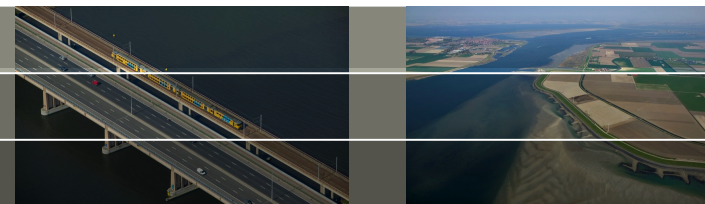
Organisatie



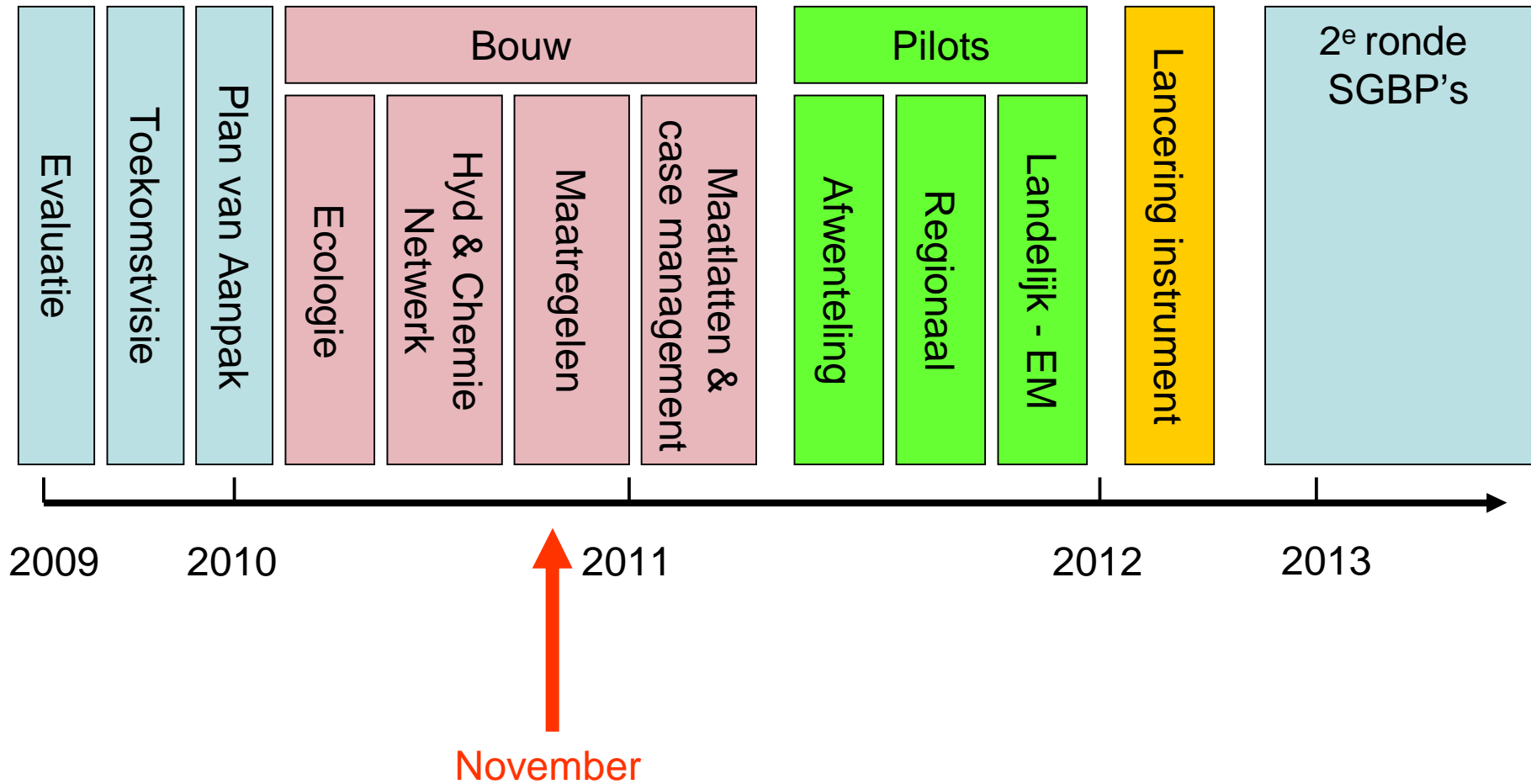
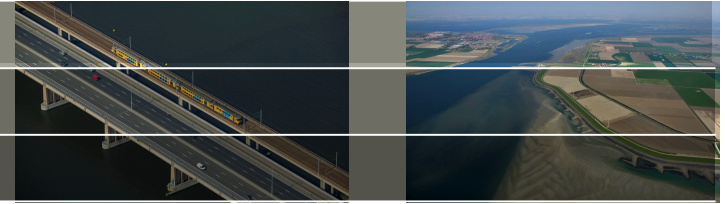
Organisatie



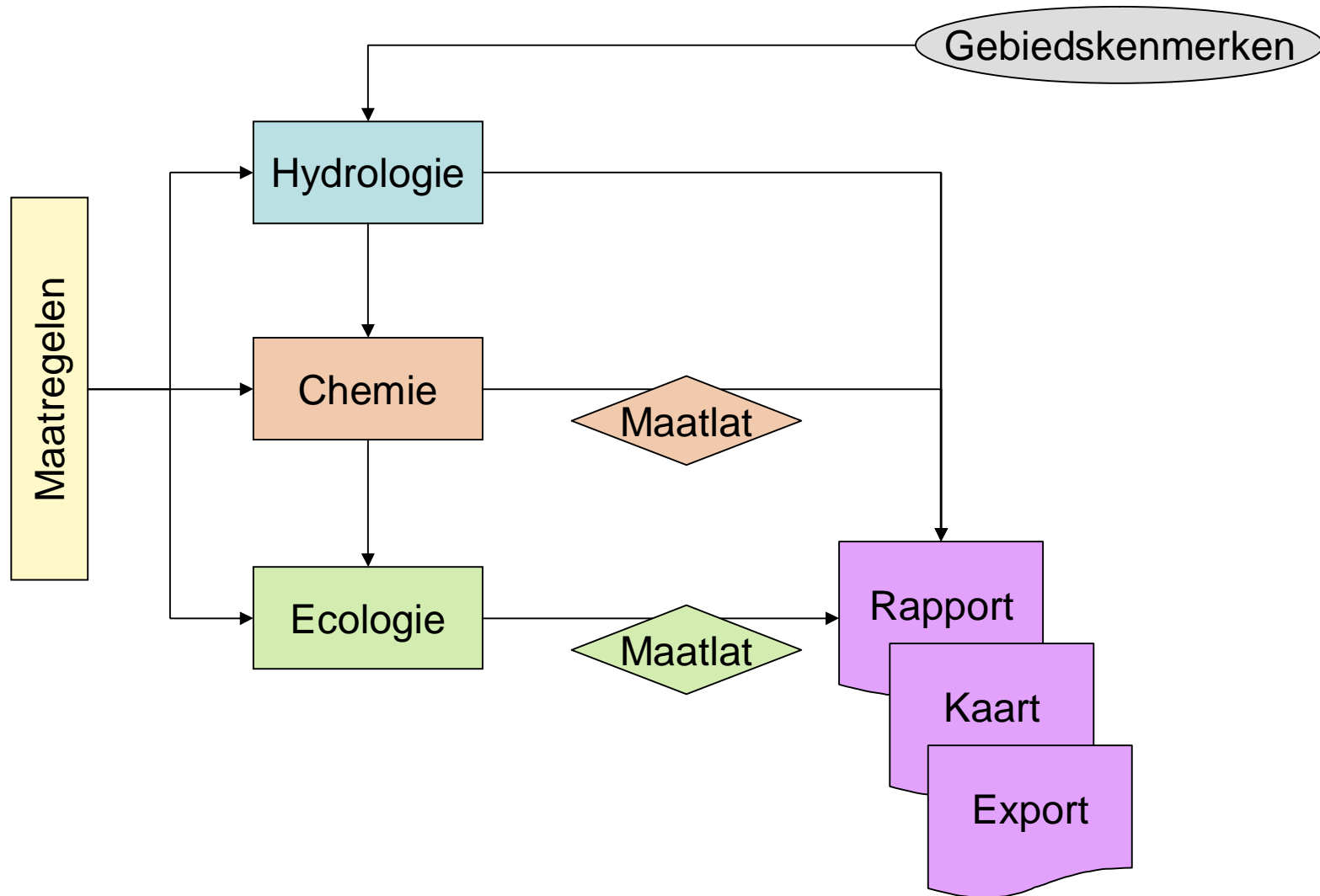
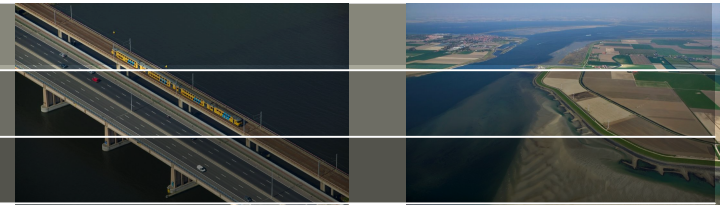
Organisatie



Tijdslijn van de ontwikkeling



Hoe werkt de KRW-Verkenner



“Release 1”: Ecologische kennisregels

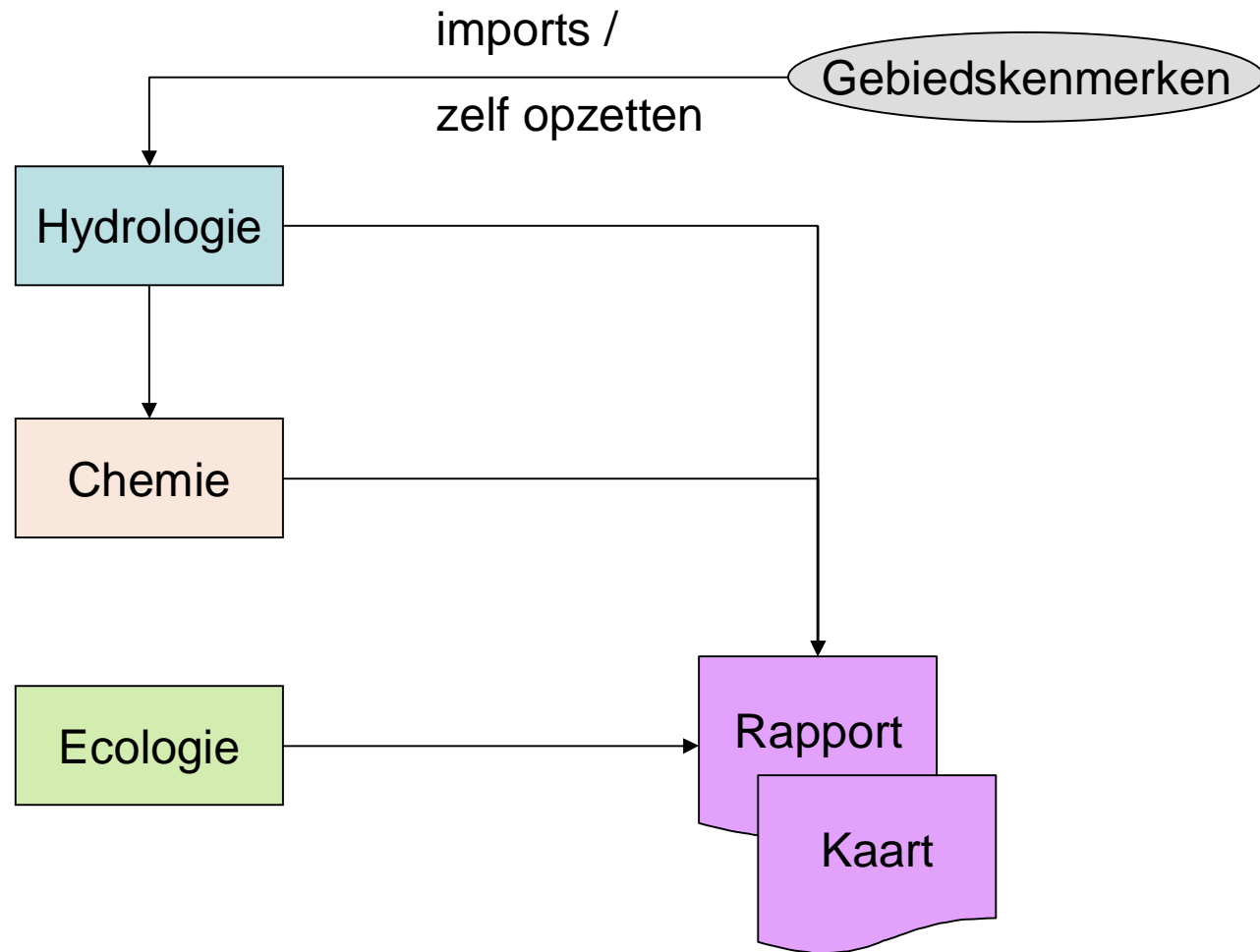
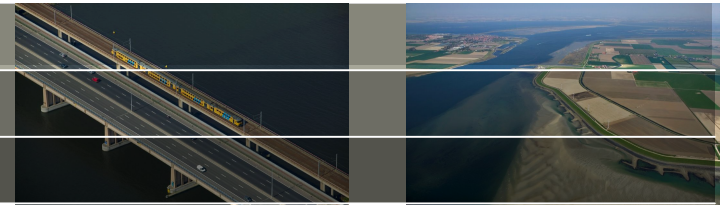
Gebiedskenmerken

Eco

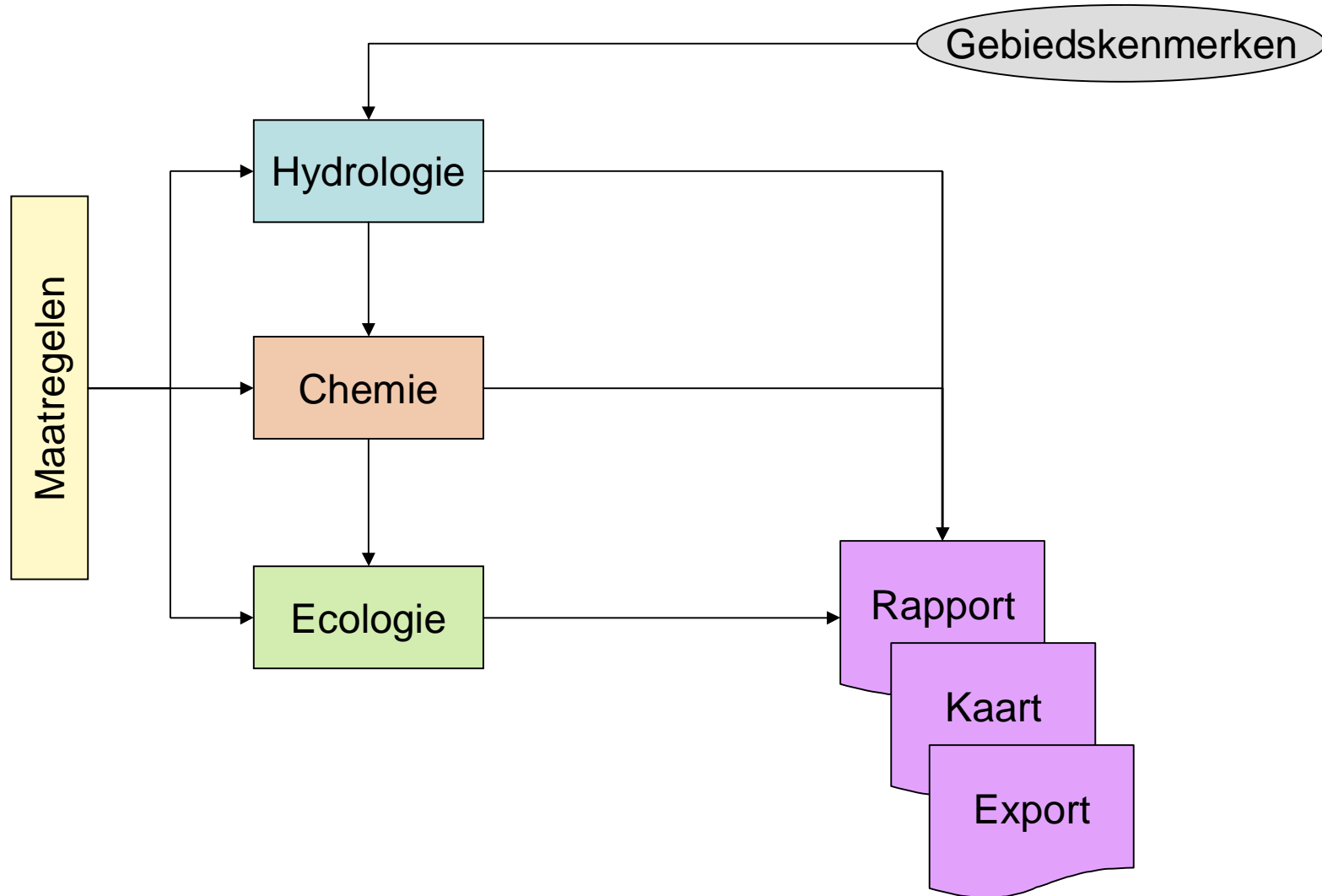
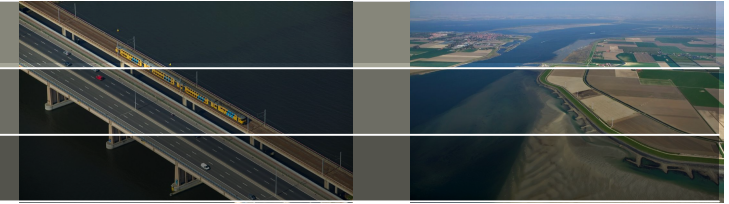
Rapport

Kaart

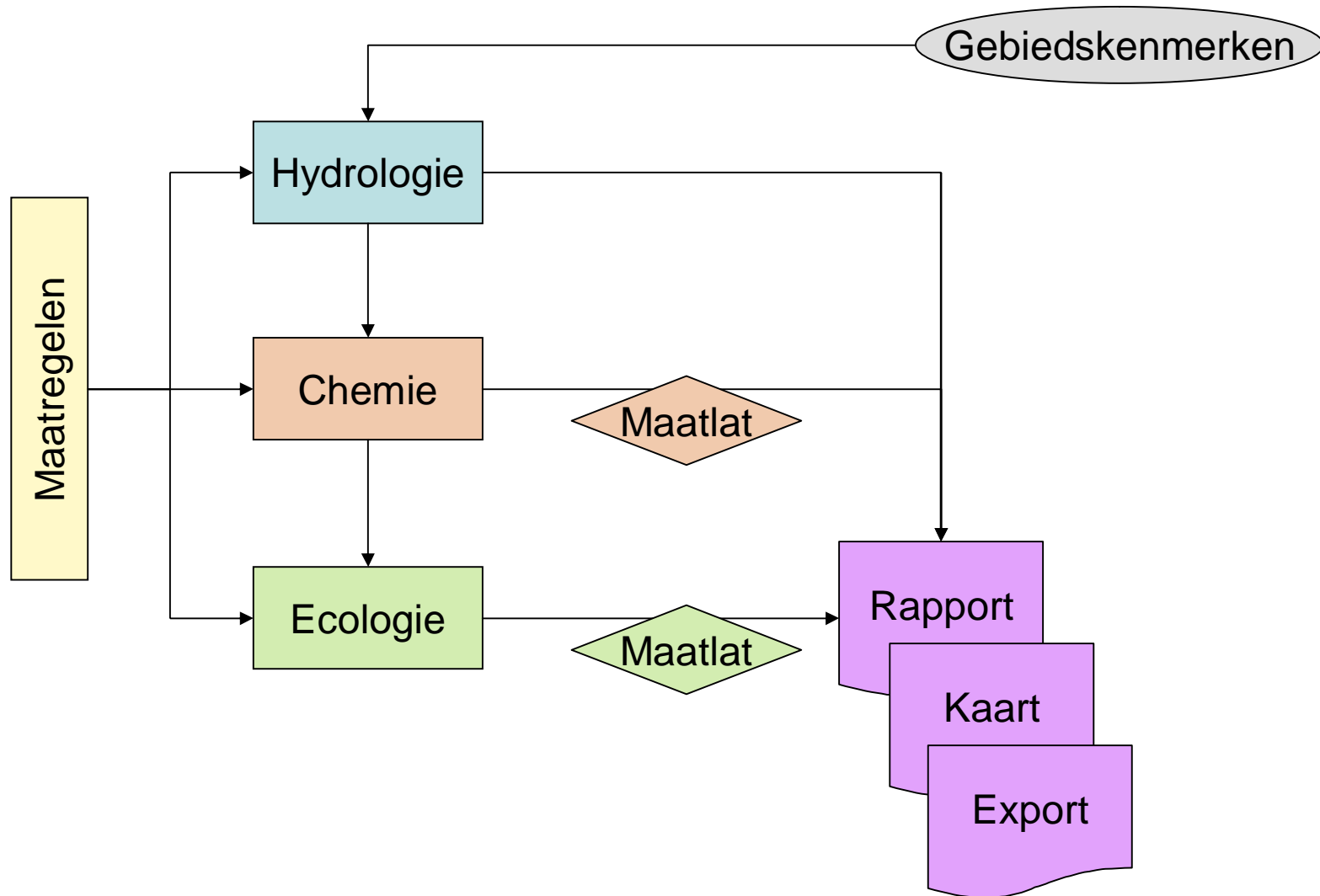
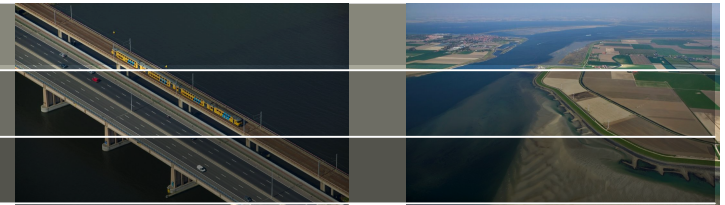
“Release 2”: Water en stoffen



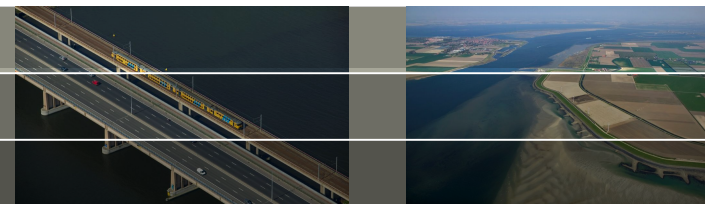
“Release 3”: Maatregelen



Hoe werkt de KRW-Verkenner



Bouwteam



- Even voorstellen



Esther
van Zantvoort
TeamLeader
DSC



Hidde
Elzinga
Programmeur
DSC



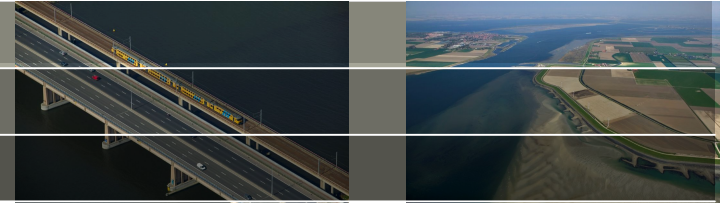
Barry
Faassen
Programmeur
DSC

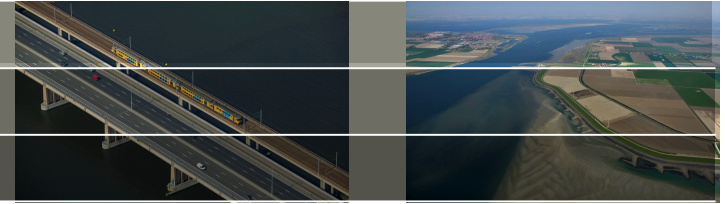


David
Rodriguez Aguilera
Tester
BGS

- Werkwijze

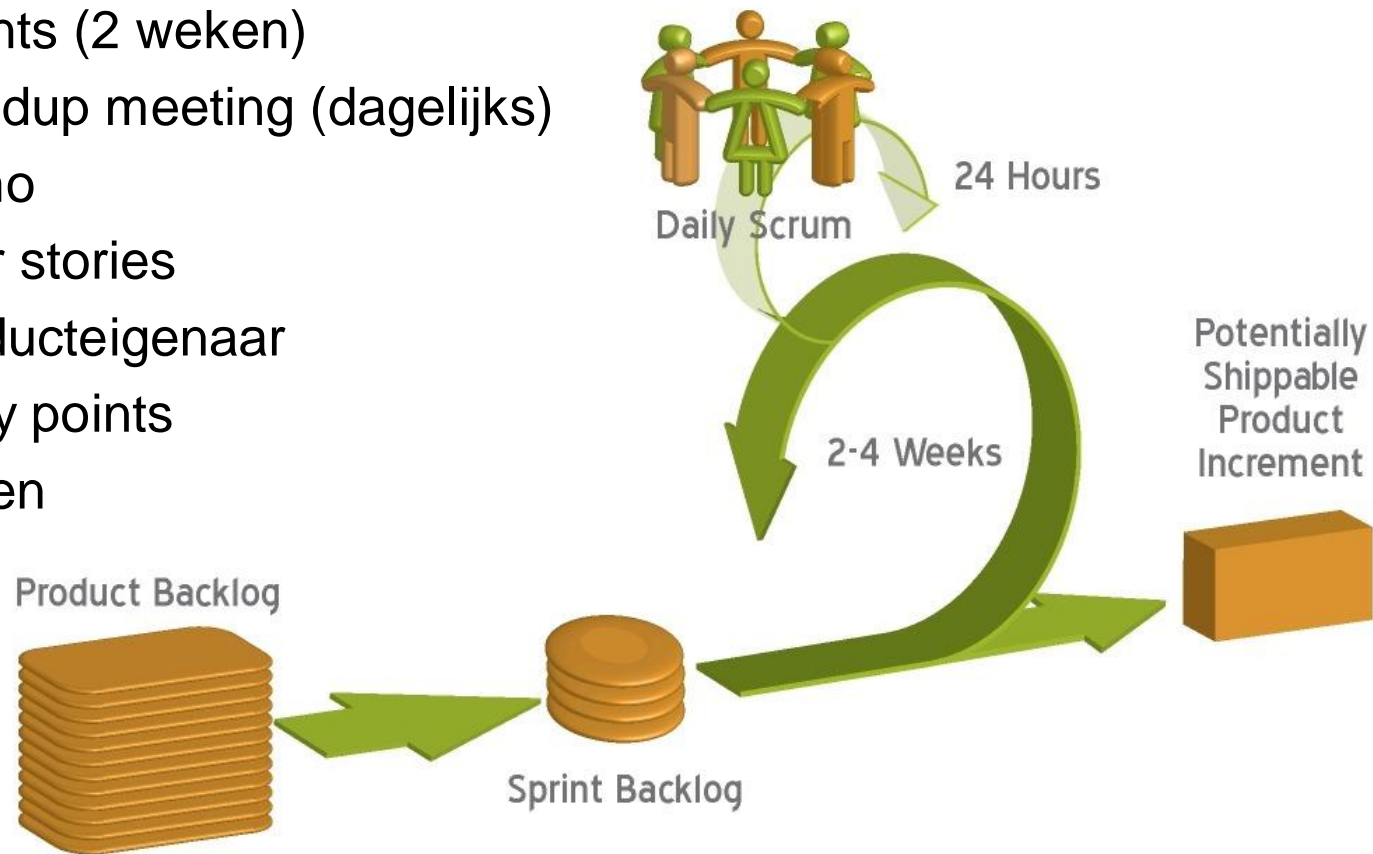
Scrum



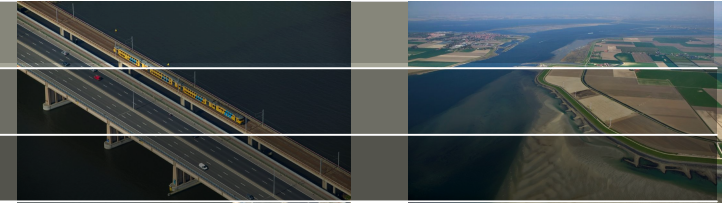


Scrum

- sprints (2 weken)
- standup meeting (dagelijks)
- demo
- user stories
- producteigenaar
- story points
- testen

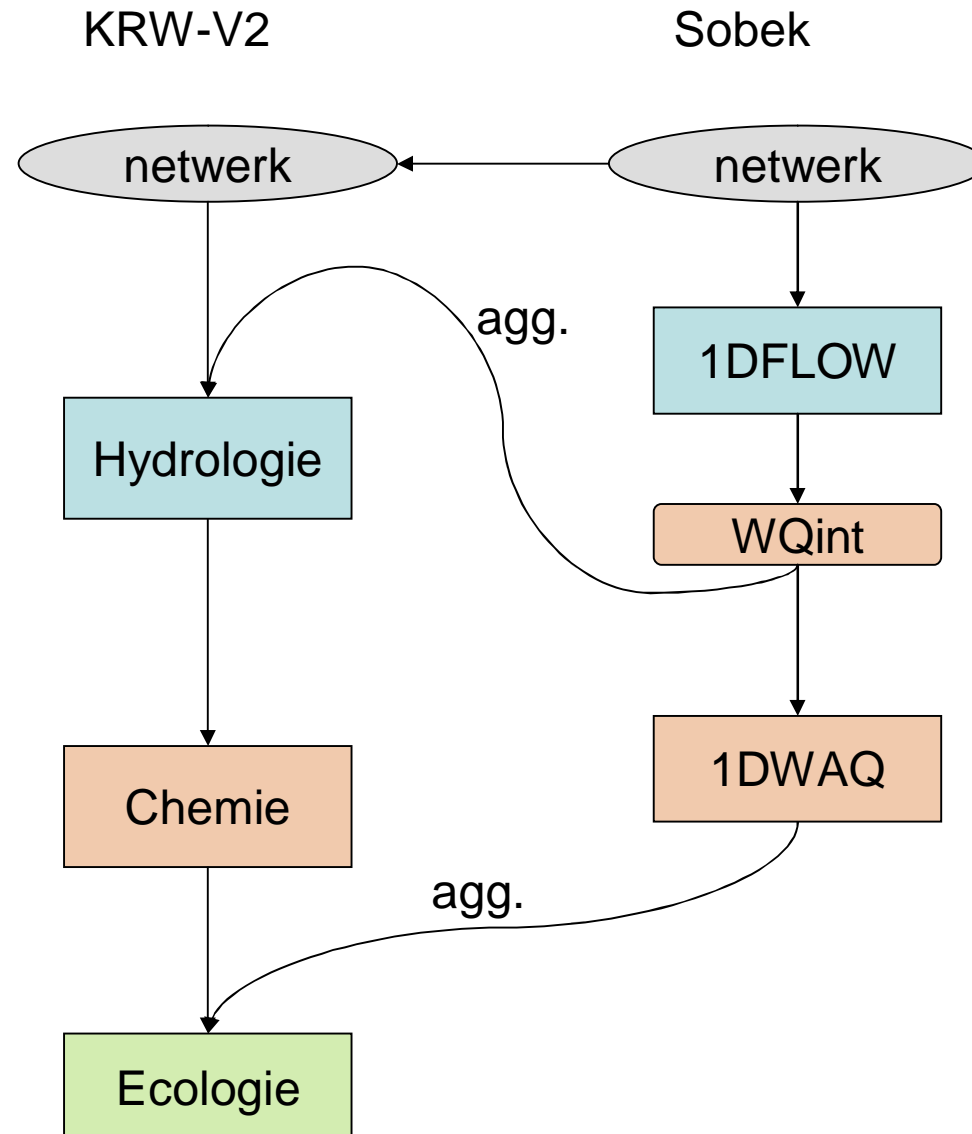
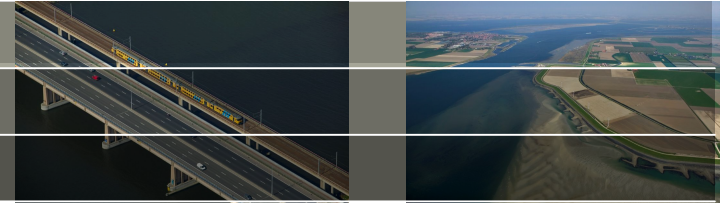


Scrum board

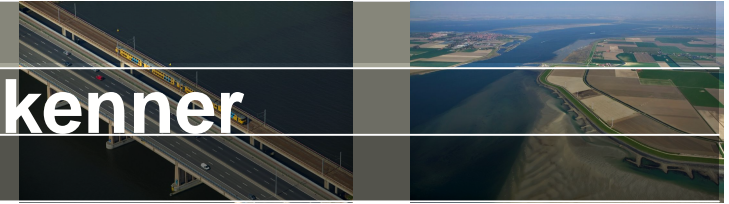


Log in op public wiki <http://public.deltares.nl>
en ga naar KRWV Development - KRWV Bouw Team - Sprints

Relatie met Sobek



Verschillen Sobek – KRW-Verkenner



KRW-Verkenner	Sobek
0D bakjes	1D netwerk
Steady state	Dynamisch
Gratis	(nu nog) Licentie
UI onder Delta Shell	Nu nog onder Netter / CMT, later onder Delta Shell

- Conversie noodzakelijk voor:
 - > Ruimte (1D netwerk naar 0D bakjes)
 - > Tijd (reeksen naar constanten)
- Hoe handel je berging of volume veranderingen af?