

CoP streams & rivers



Go with the flow

Introduction

- Ir. E. (Ernest) de Groot
- Uden (N.O. Brabant)
- LUW Landinr./Planologie



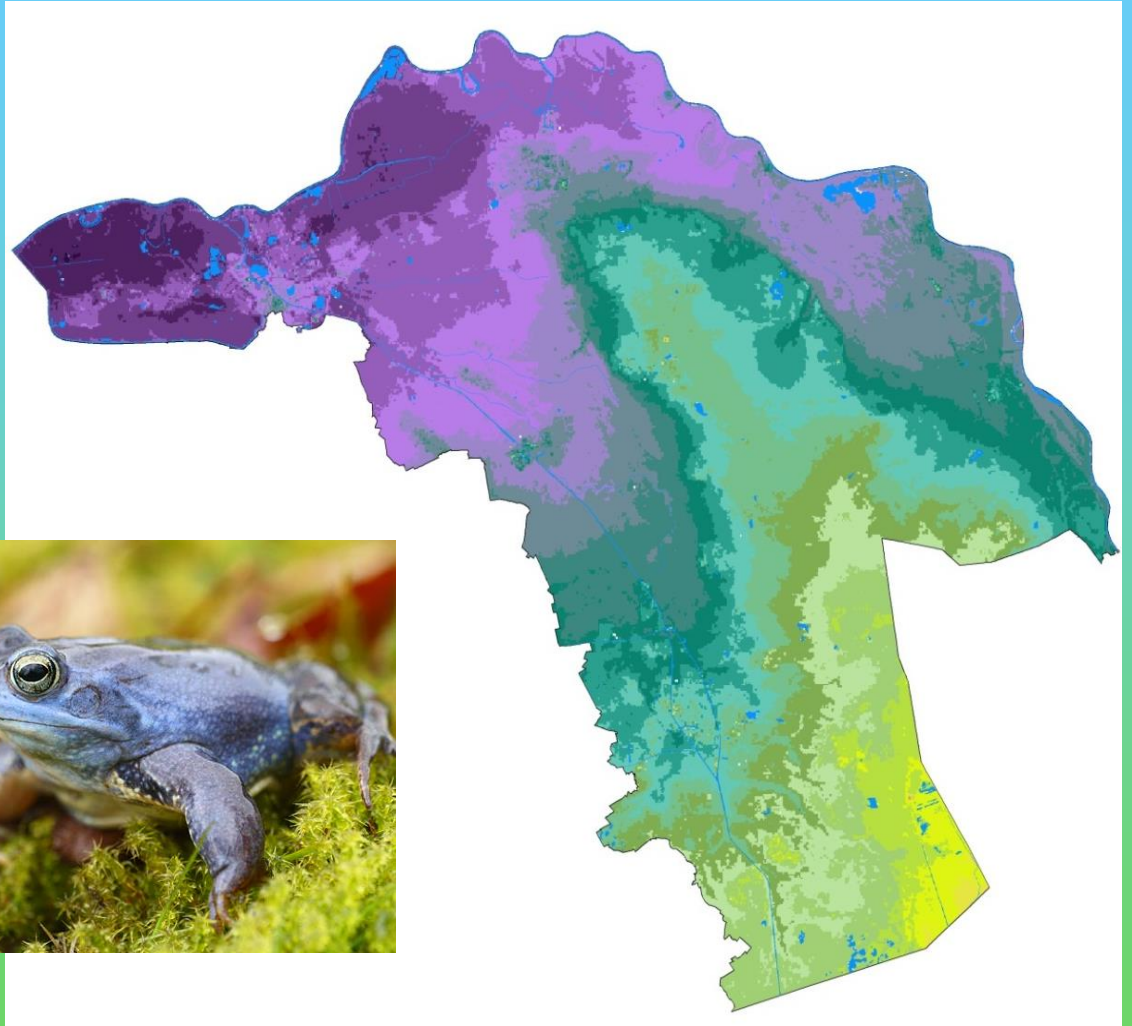
Programma

- Introduction
- Streams
- Passages
- Rivers
- Go with the Flow

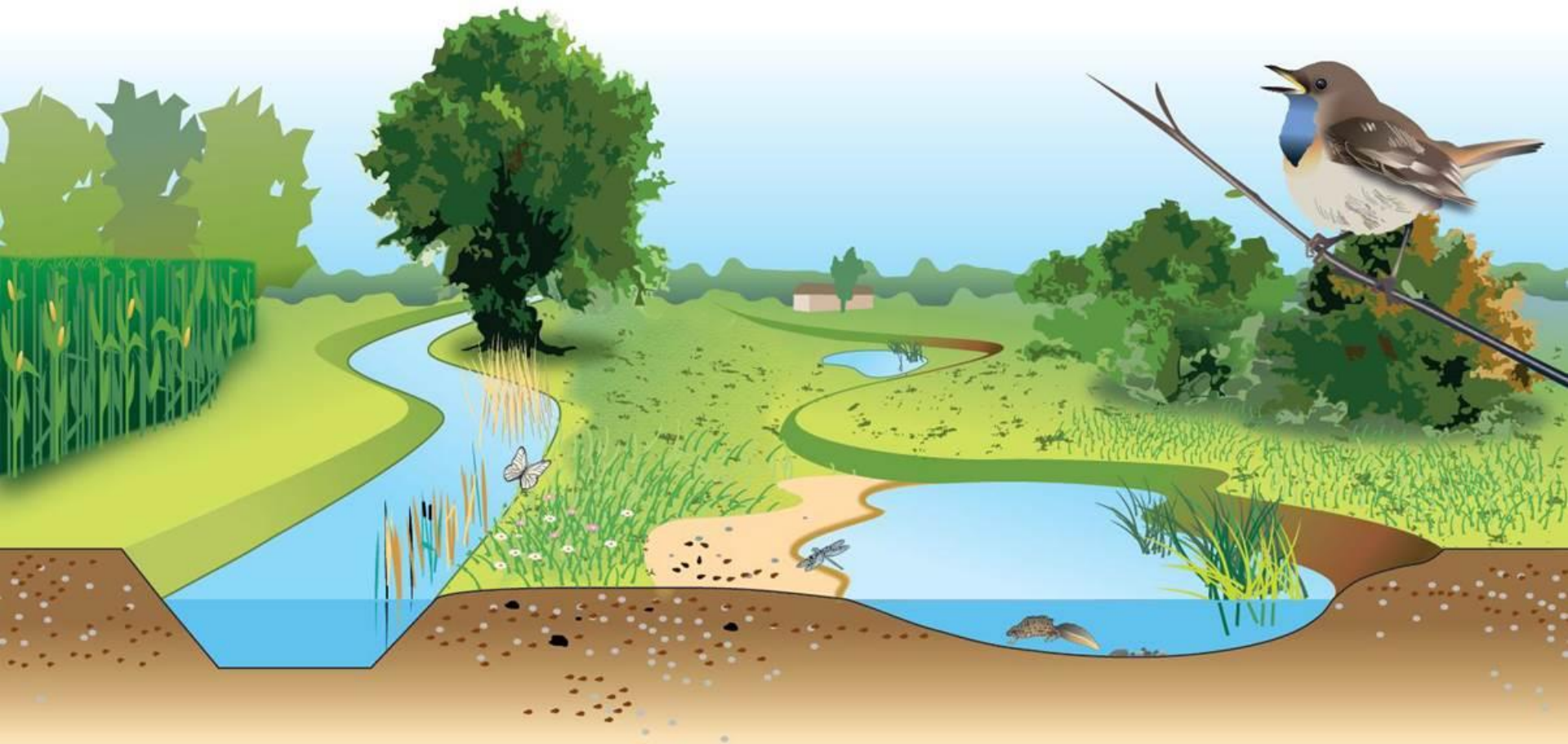


Watermanagement

- Safe
- Sufficient
- Clean
- Natural
- Nice
- Space



Ecological Connections



Stream fish water



Stream restoration



Stream restoration



Room for Streams



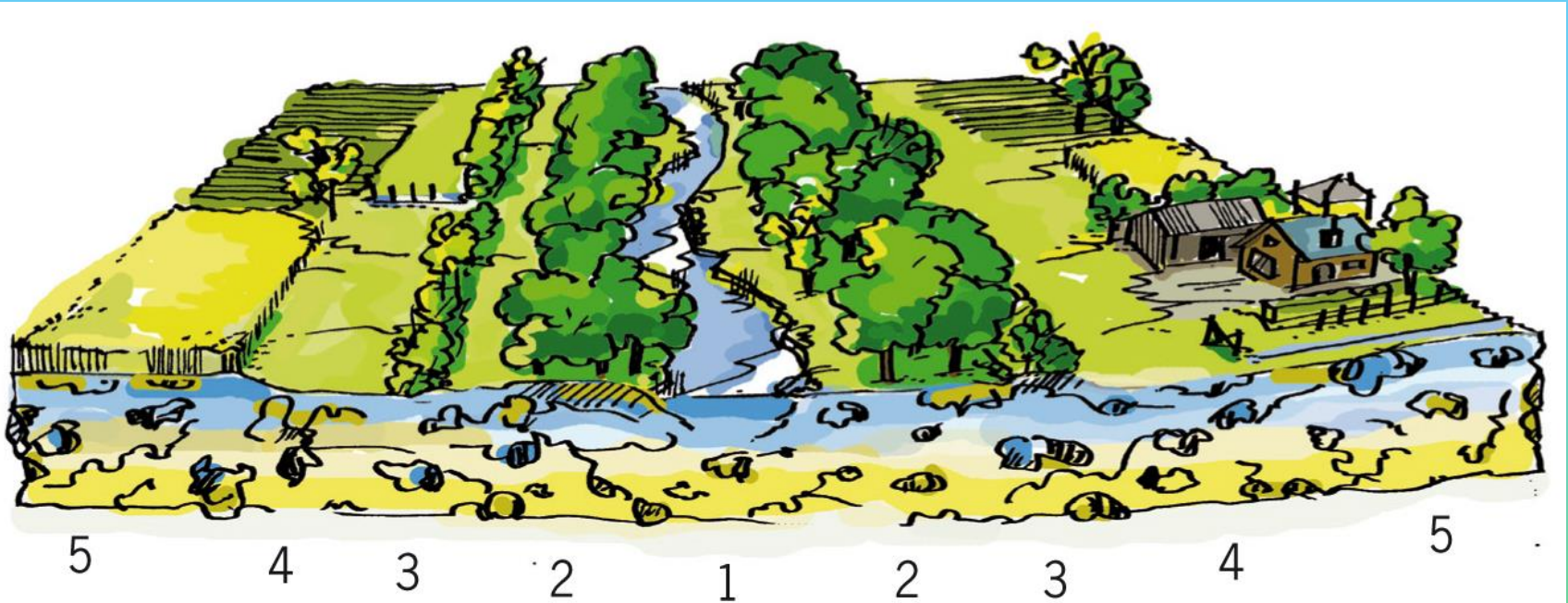
Restoration Astense Aa



Flood risk management



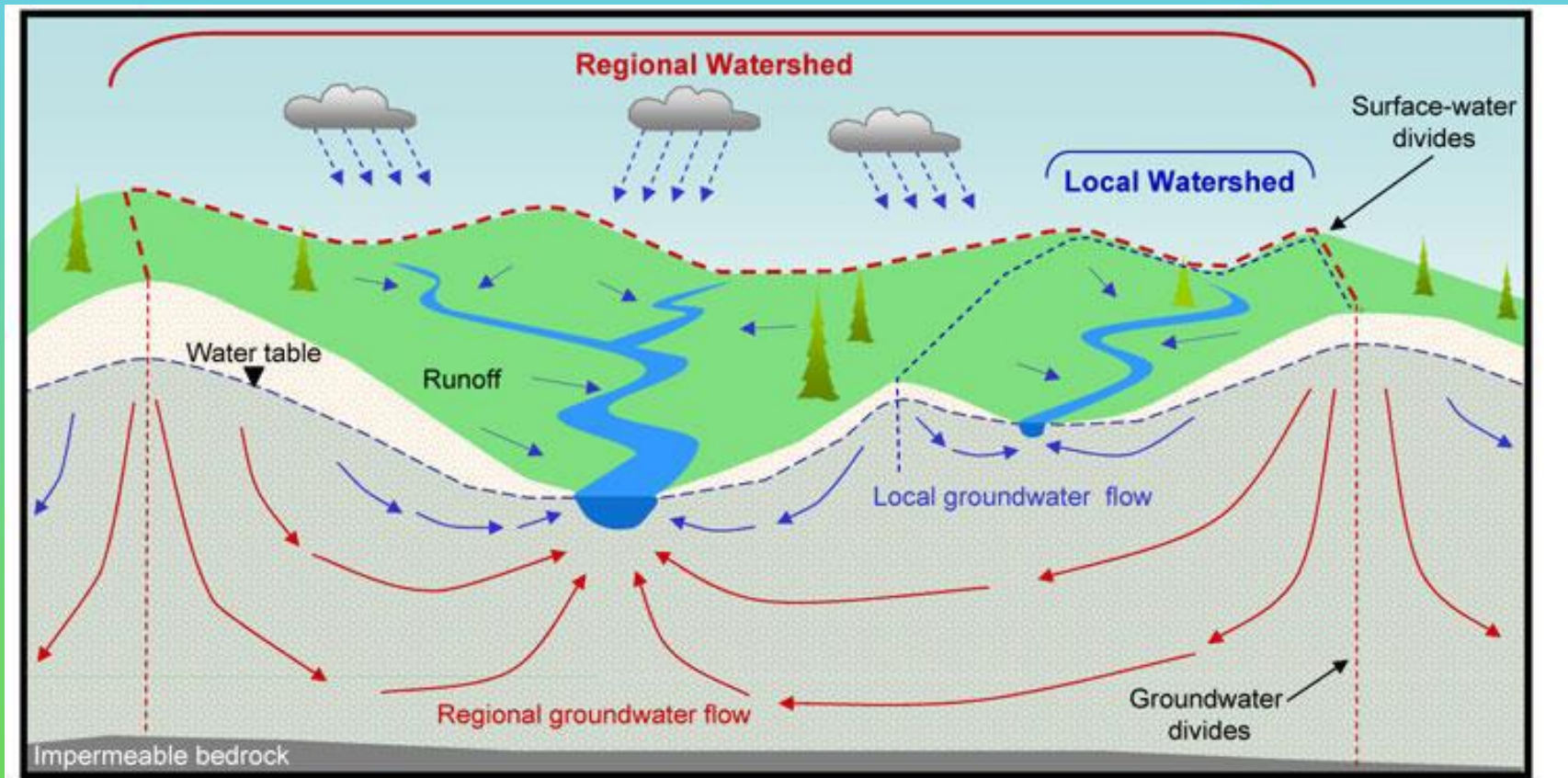
Robust Stream Valley



Gewenste situatie: vernat beekdal



Stream - Valley - Landscape (Deltares)



Stream <-> River



Monding van de
Oeffeltsche Raam bij
Oeffelt (foto Marniks
Maris).

Vispassage Crevecoeur



Room for the River: Technical measures

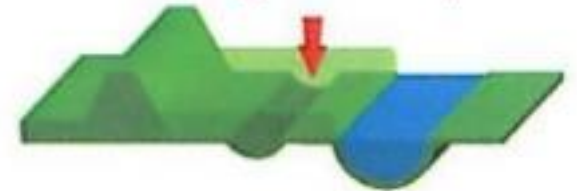
Deepening navigation channel



Water storage



Lowering of flood plains



Lowering groynes



By-pass



Dike relocation



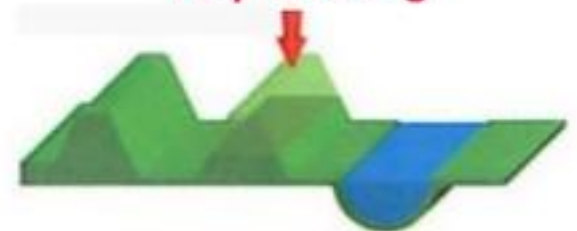
Removing obstacles



Strengthening dikes



De-poldering



Lost Room



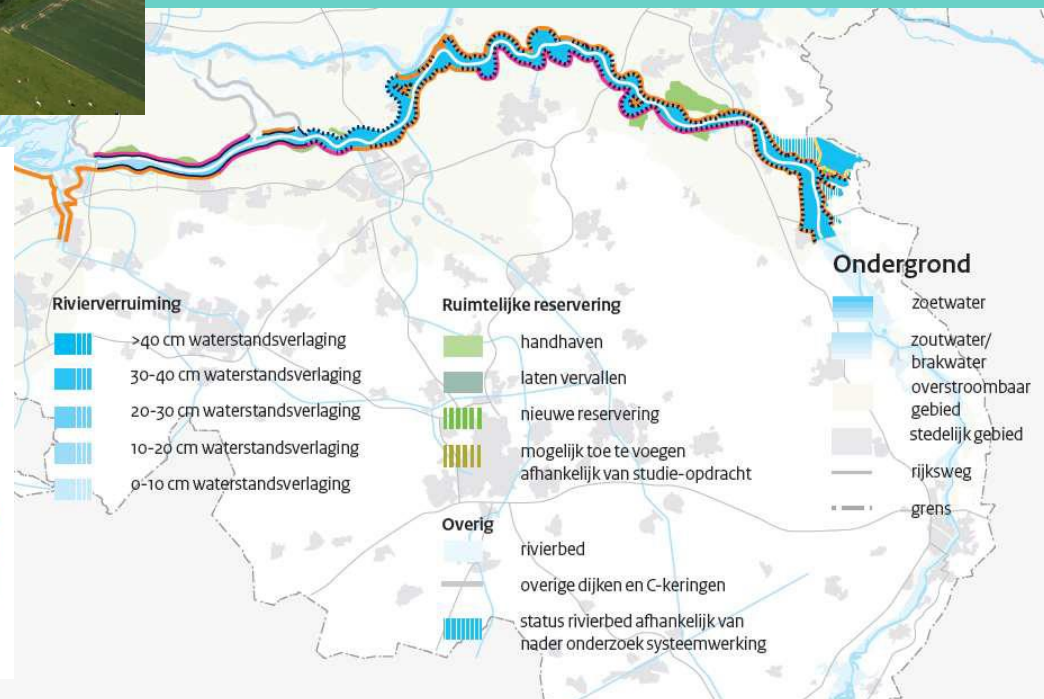
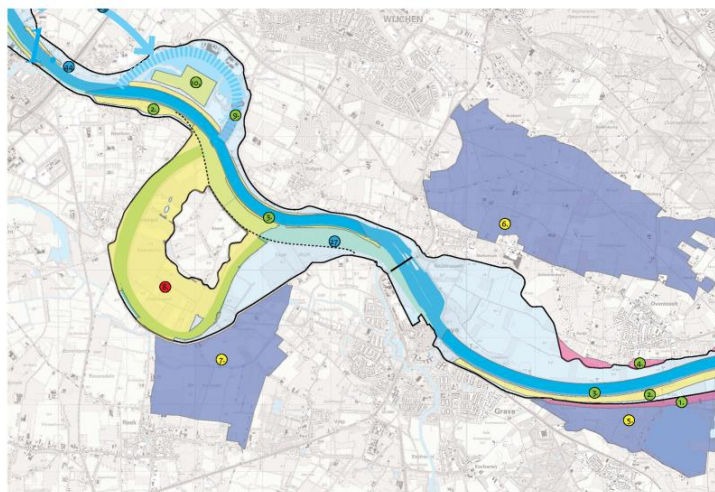
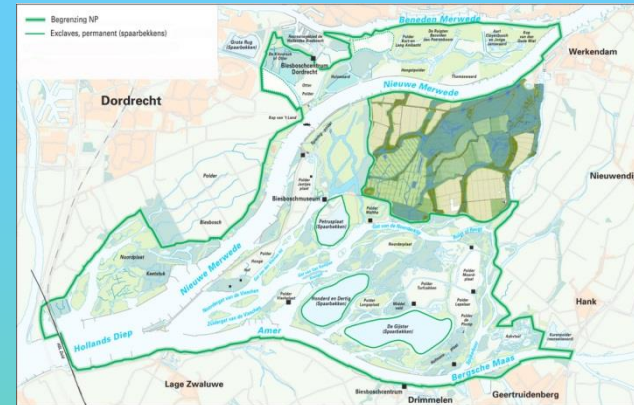
Nijmegen – Current situation



Nijmegen – New situation

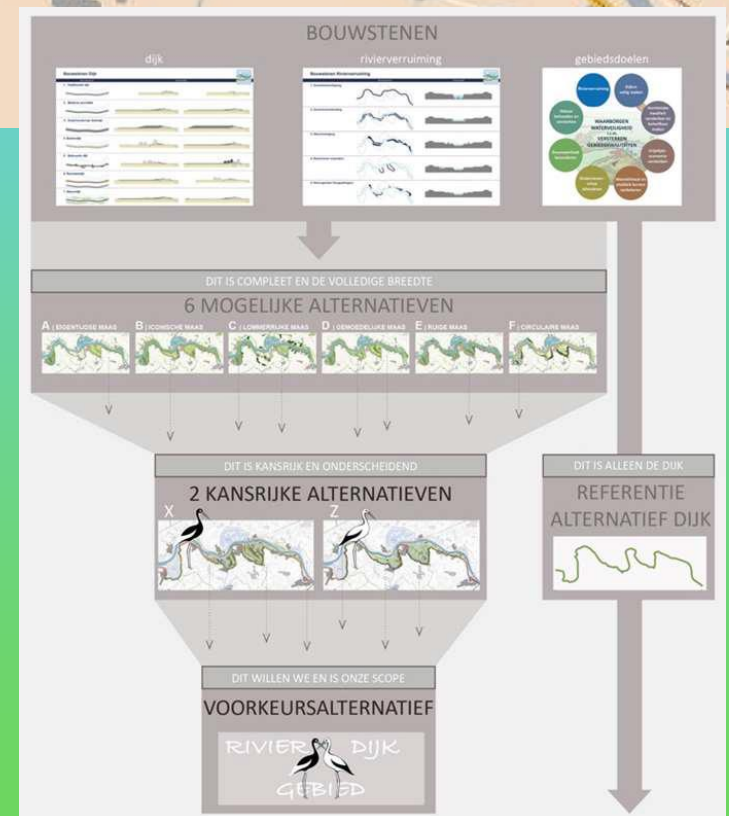


Room for Rivers





Projectgebied Meanderende Maas





A kingfisher bird with vibrant blue and orange plumage is captured in mid-flight over a body of water. The bird's wings are spread, and it is surrounded by a spray of water droplets, suggesting it has just landed or is about to. The background is a dark, blurred water surface.

Questions ?

Water?
Natuurlijk!

