

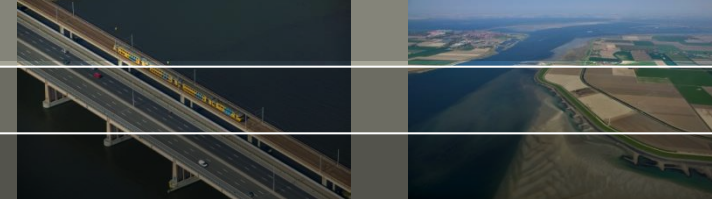


# Pilot Rivierenland

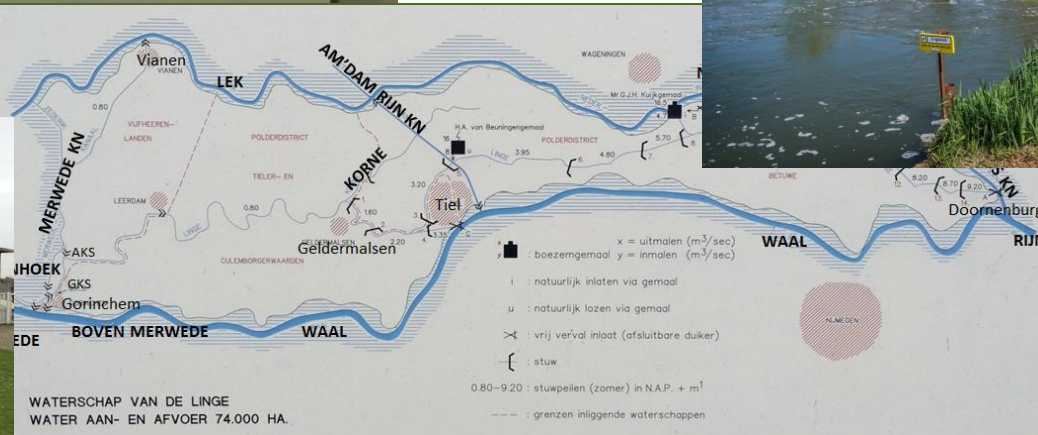
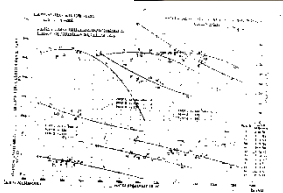
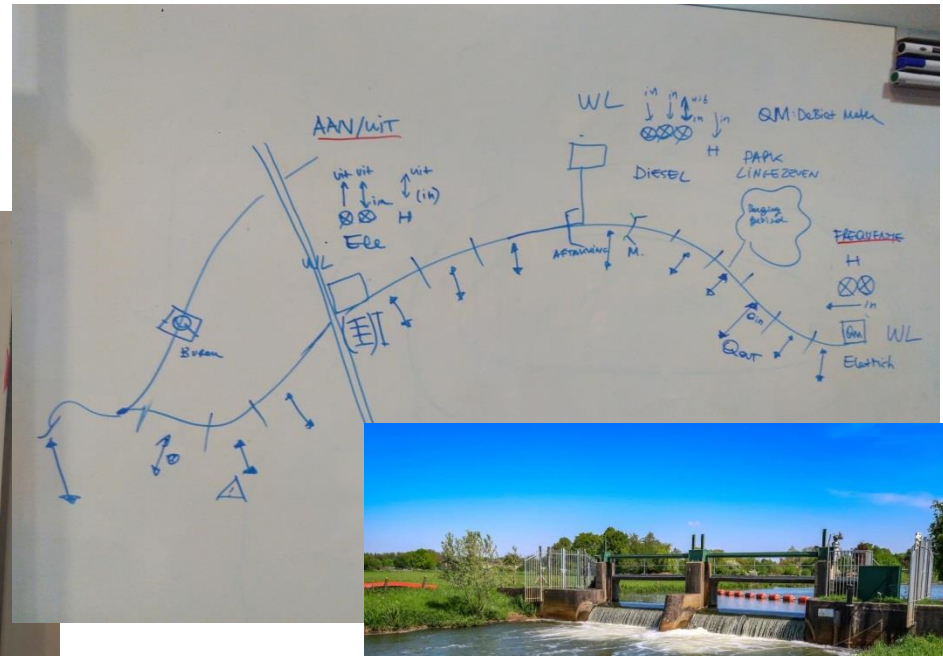
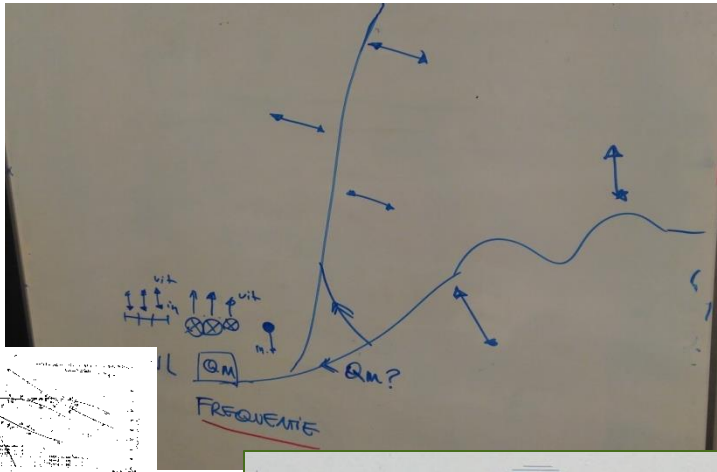
Jan Talsma

10 november 2017

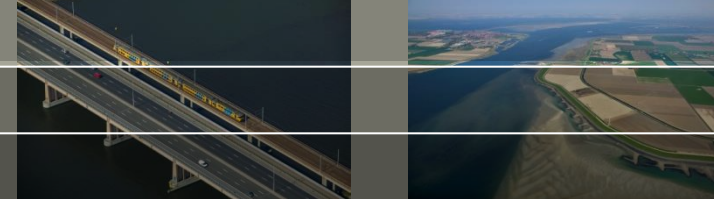
# Model ontwikkeling



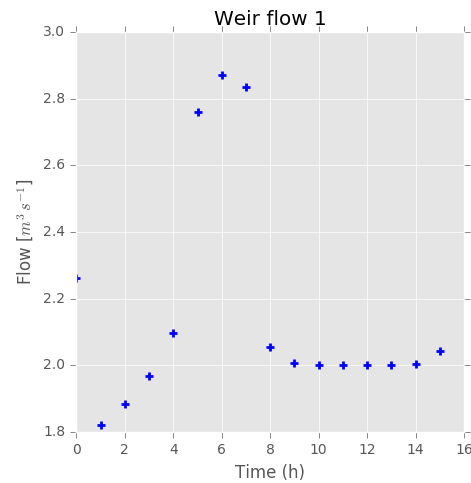
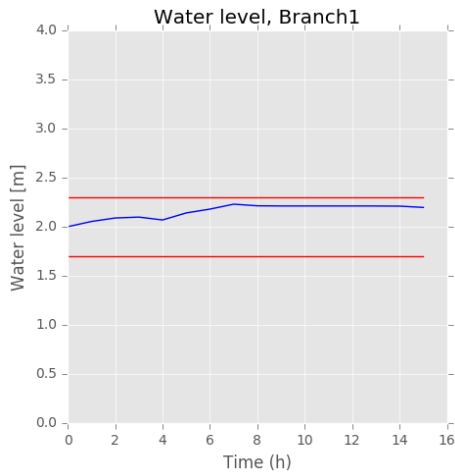
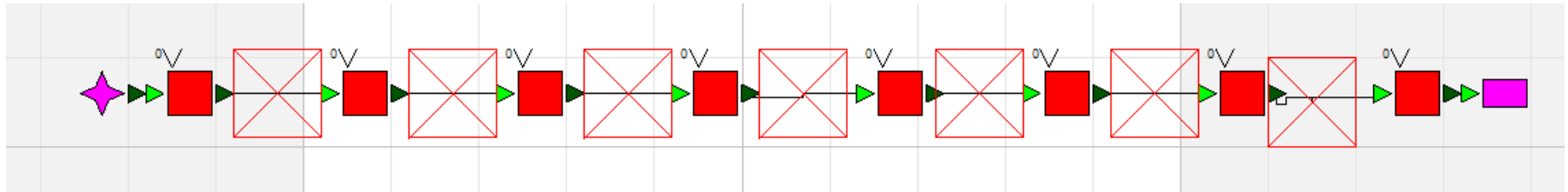
## Analyse van het systeem



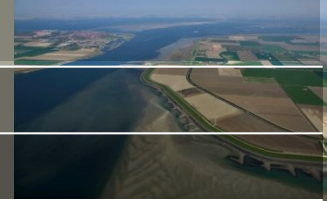
# Weir Mixin



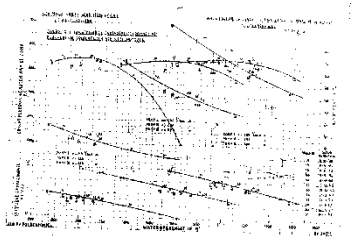
## de serieschakeling van stuwen in de boven-Linge



# PumpingStation Mixin

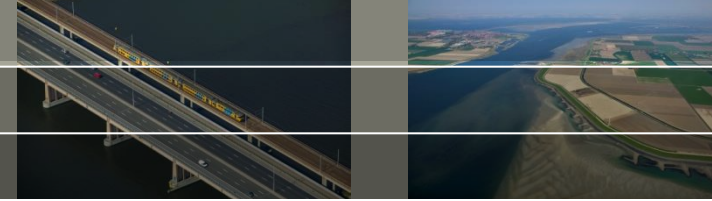


## Kolf Gemaal – pump 1

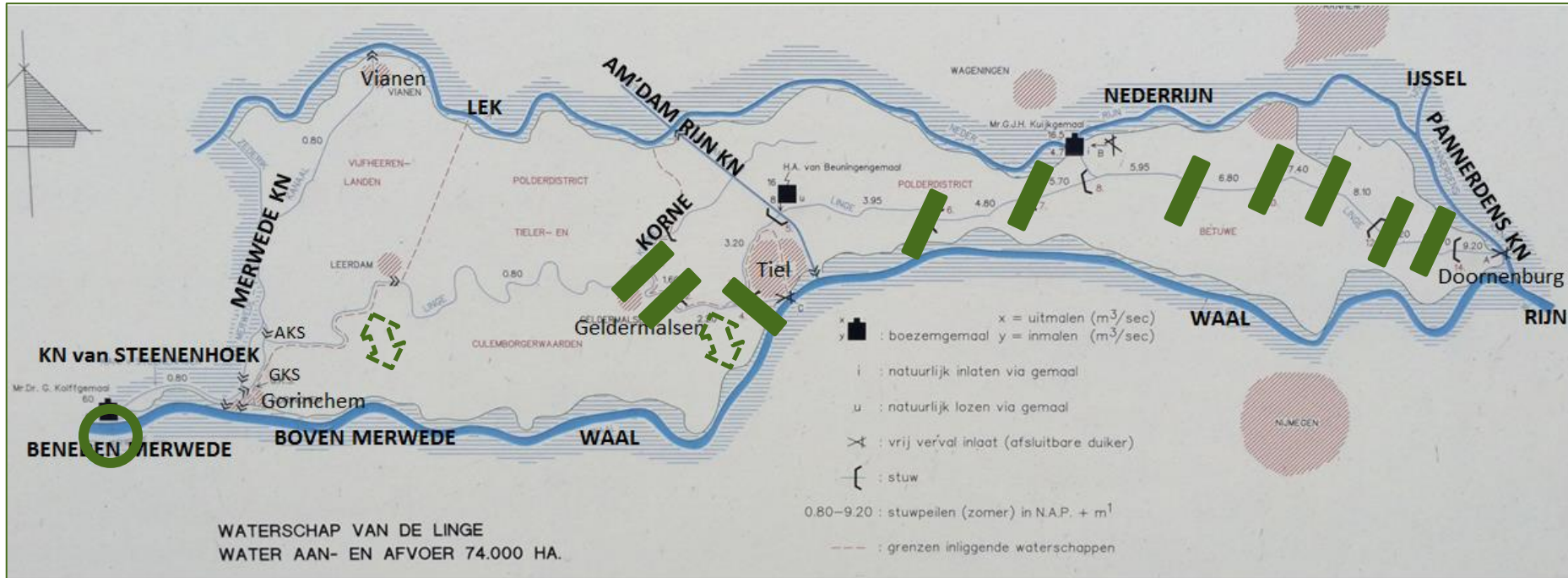




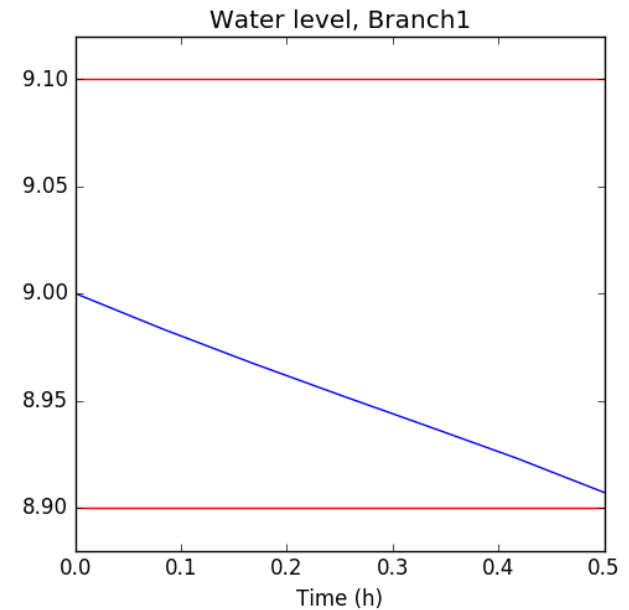
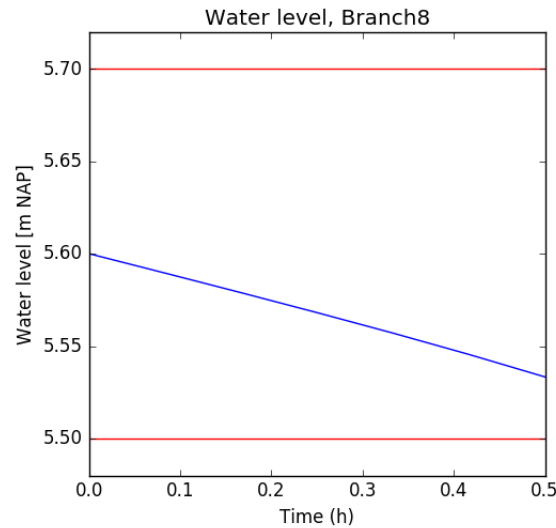
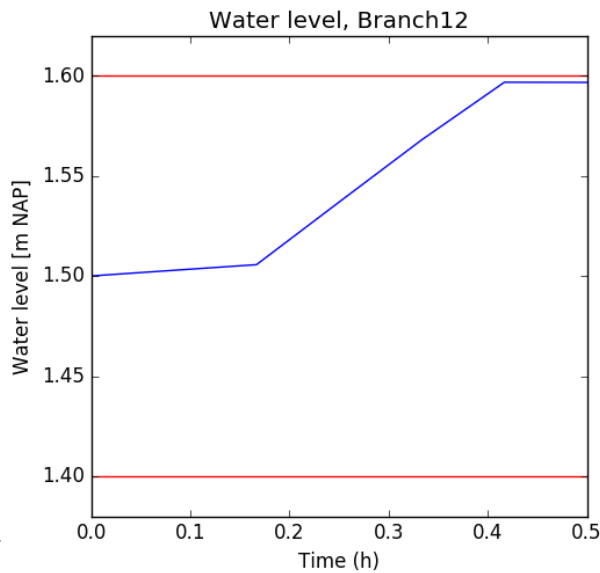
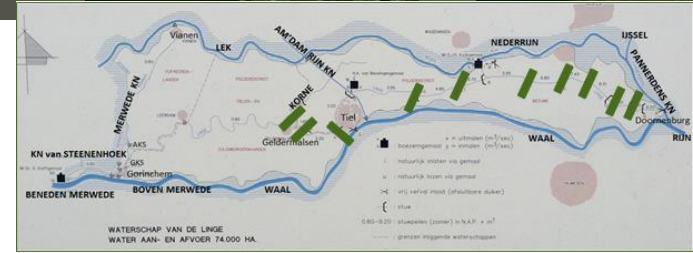
# pilot WSRL, status



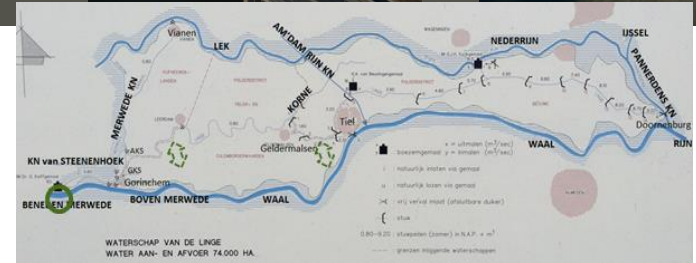
- Kolf gemaal + weirs boven Linge + aanvoer beneden Linge (



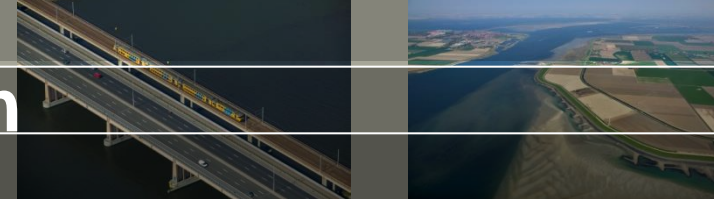
# pilot WSRL, resultaten serieschakeling stuwen



# pilot WSRL, resultaten Kolffgemaal (1 pomp)



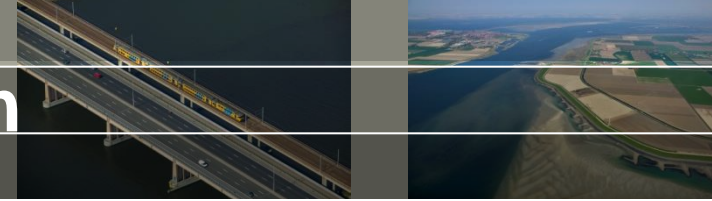
# pilot WSRL, volgende stappen






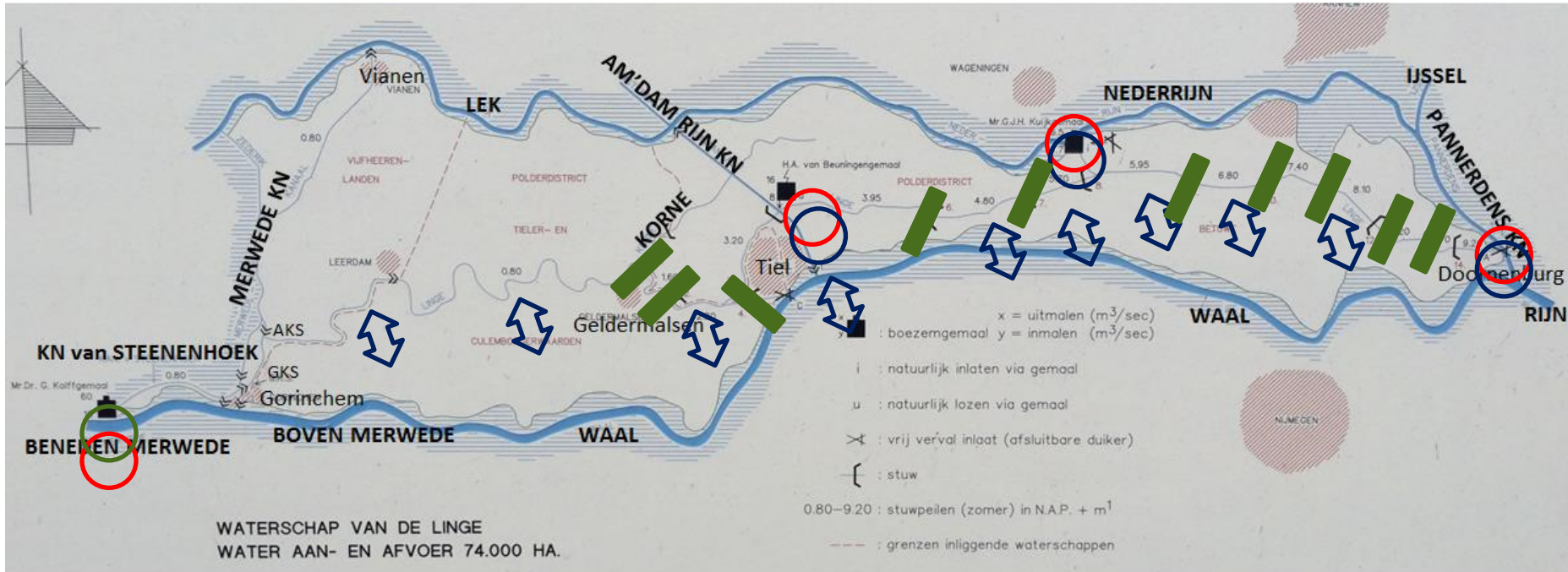
<b>Tijd</b>	<b>Taken</b>
<b>2017</b> oktober	Modelleren Kolfgemaal sluizen (interactie pompen VS vrij verval) Modelleren invoer gemalen
november	Modelleren invoer gemalen sluizen Toevoegen aan-afvoer op de linge
december	Basis model Riviereland klaar
<b>2018</b> January	Optimalisaties draien + Analyse
February	Optimalisaties draien + Analyse
March	Eind rapport



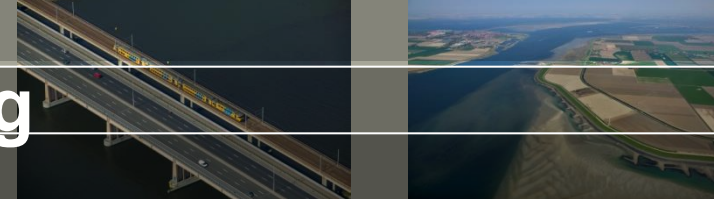
# pilot WSRL, volgende stappen



-  Gedaan: Kolf gemaal + weirs boven Linge
-  October: Sluizen Kolf gemaal + invoer gemalen
-  November: Sluizen invoer gemalen + aan-afvoer op de linge



# pilot WSRL, operationalisering



- Data en voorspellingen moeten real time
  - Neerslag
  - RR aan en afvoer
  - Energie prijzen
- Model moet in en BOS systeem hangen
- Implementatie van post-processor/mix integer voor werkelijk sturing