



Rijkswaterstaat  
*Ministry of Infrastructure and the  
Environment*

# Rijkswaterstaat USE of FEWS

Marc Philippart

**A family**



**of**

**FEWS's**

**Building**

**a new**

**Structure**



INTRO



**Technical**

**Infrastructure**



**Improving**

**Governance**



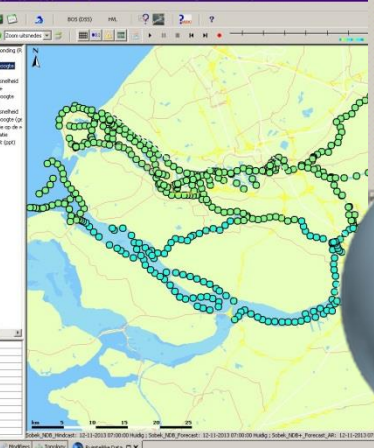
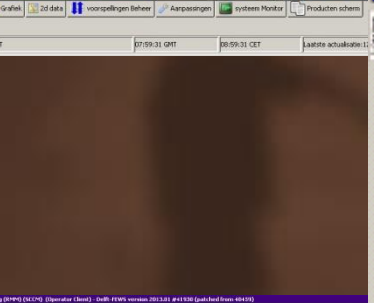
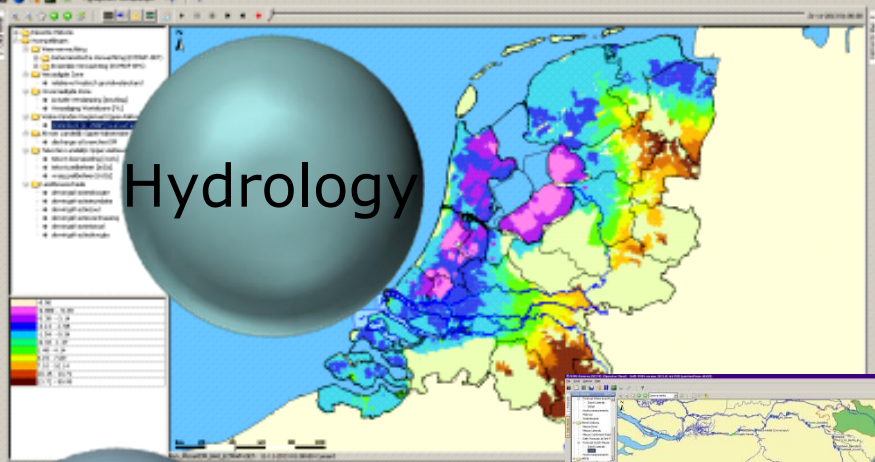
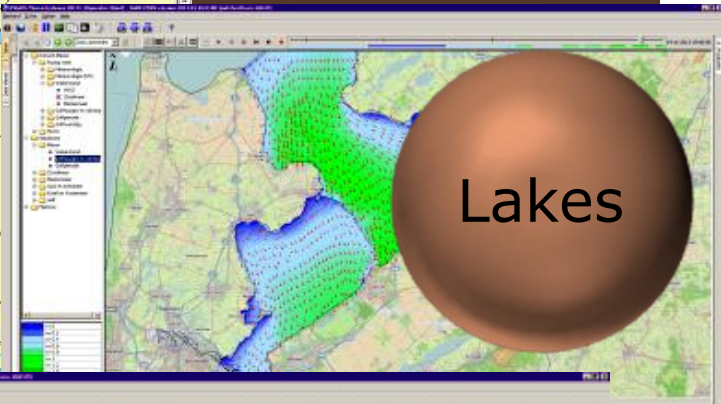
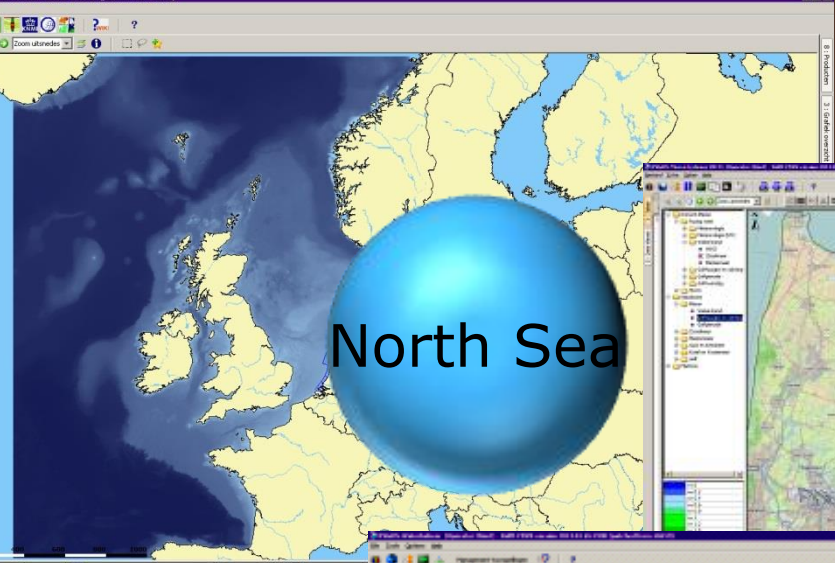
# A family of FEWS's



# A family of FEWS's

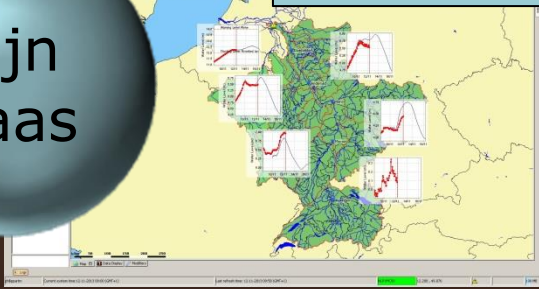
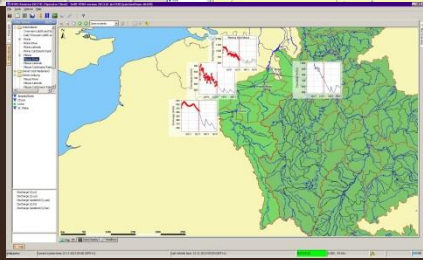
Overzicht Hoofdwatersysteem Nederland (uurgemiddelde)  
Periode 04-10-2016 van 11:00 tot 12:00

FEWS version 2013.01 #41930 (patched from 40450)



Rijn Maas

FEWS version 2013.01 #41930 (patched from 40450)



# A family of FEWS's



# A family of FEWS's



# A family of FEWS's



# A family of FEWS's

**RW**sOS  
**Noordzee**



**Deltares**  
Enabling Delta Life



Rijkswaterstaat

**RW**sOS  
**Merén**



**Deltares**  
Enabling Delta Life



Rijkswaterstaat

**RW**sOS  
**Waterbeheer**



**Deltares**  
Enabling Delta Life



Rijkswaterstaat

**RW**sOS  
**IWP**



**Deltares**  
Enabling Delta Life



Rijkswaterstaat

**RW**sOS  
**RijnMaasMond**



**Deltares**  
Enabling Delta Life



Rijkswaterstaat  
Ministerie van Infrastructuur en Milieu

release – najaar 2016

**RW**sOS  
**Rivieren**



**Deltares**  
Enabling Delta Life



Rijkswaterstaat  
Ministerie van Infrastructuur en Milieu

release – najaar 2016



# A family of FEWS's

movie

**Look & Feel**

**TESTING**

**Common developments**

e.g. uncertainty information, dataflows

**Maintenance**

Functional, technical

**documentation**

**RijksWaterstaat consistent  
Operational Systems**

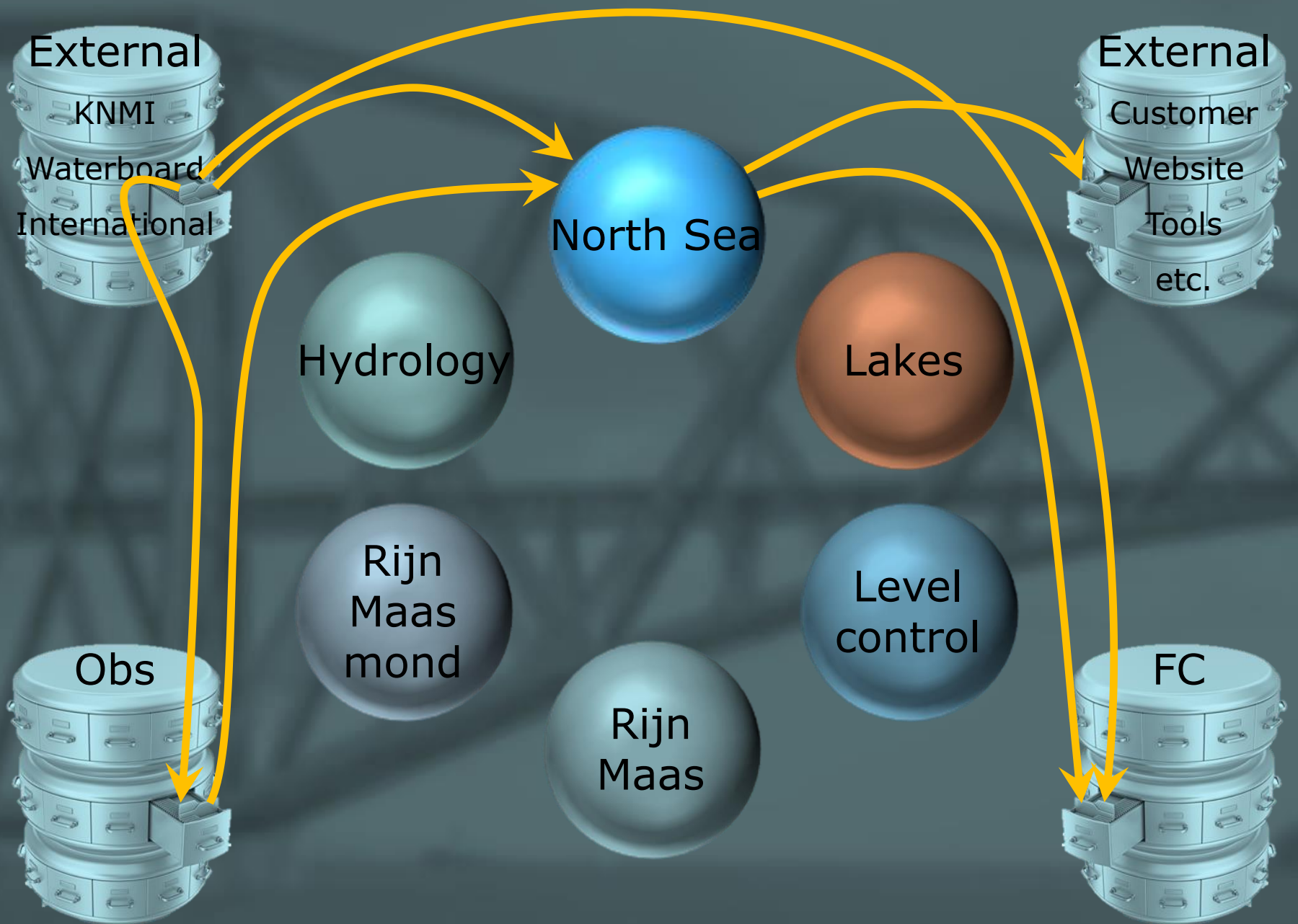
# Building a new Structure



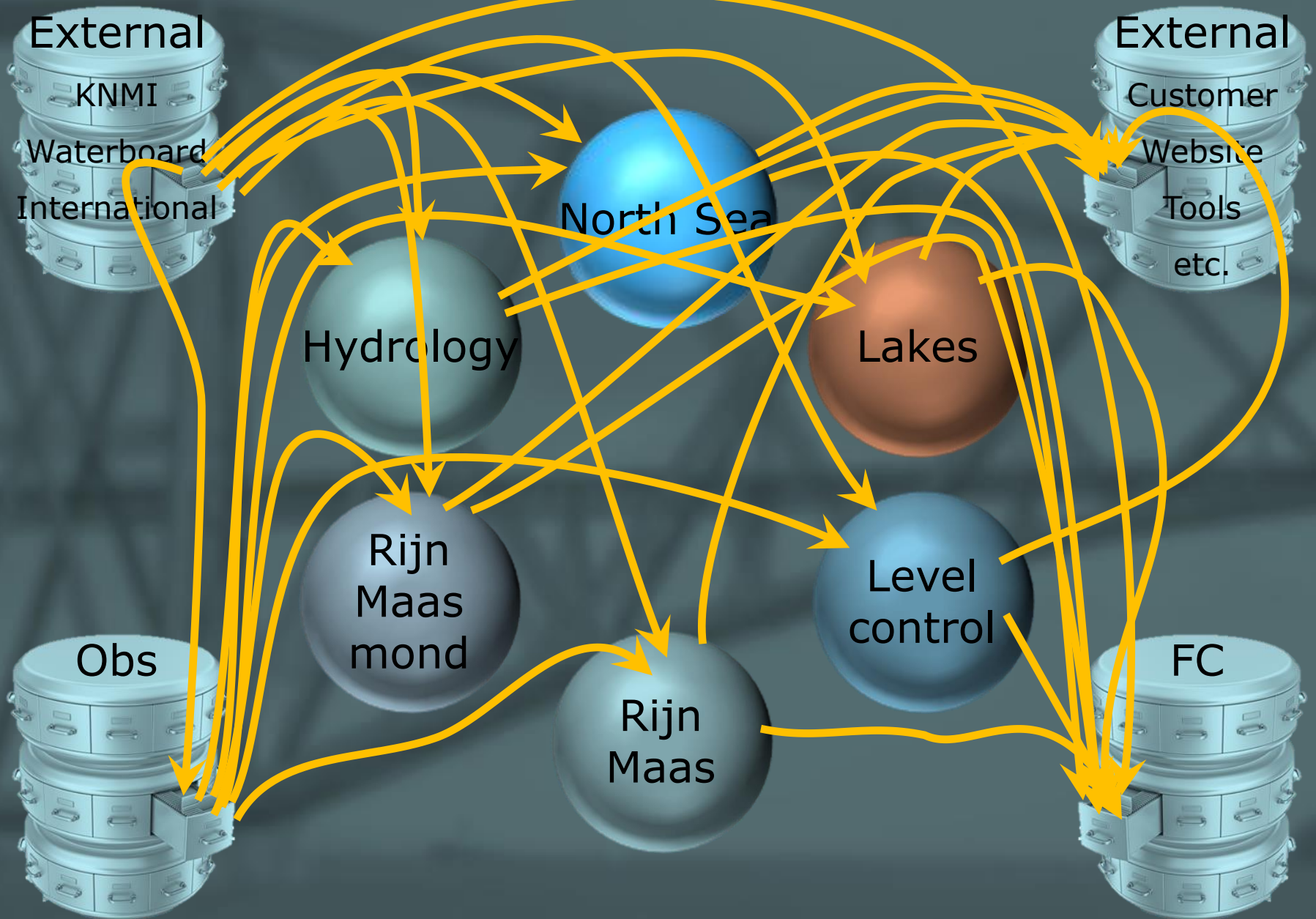
# Building a new Structure



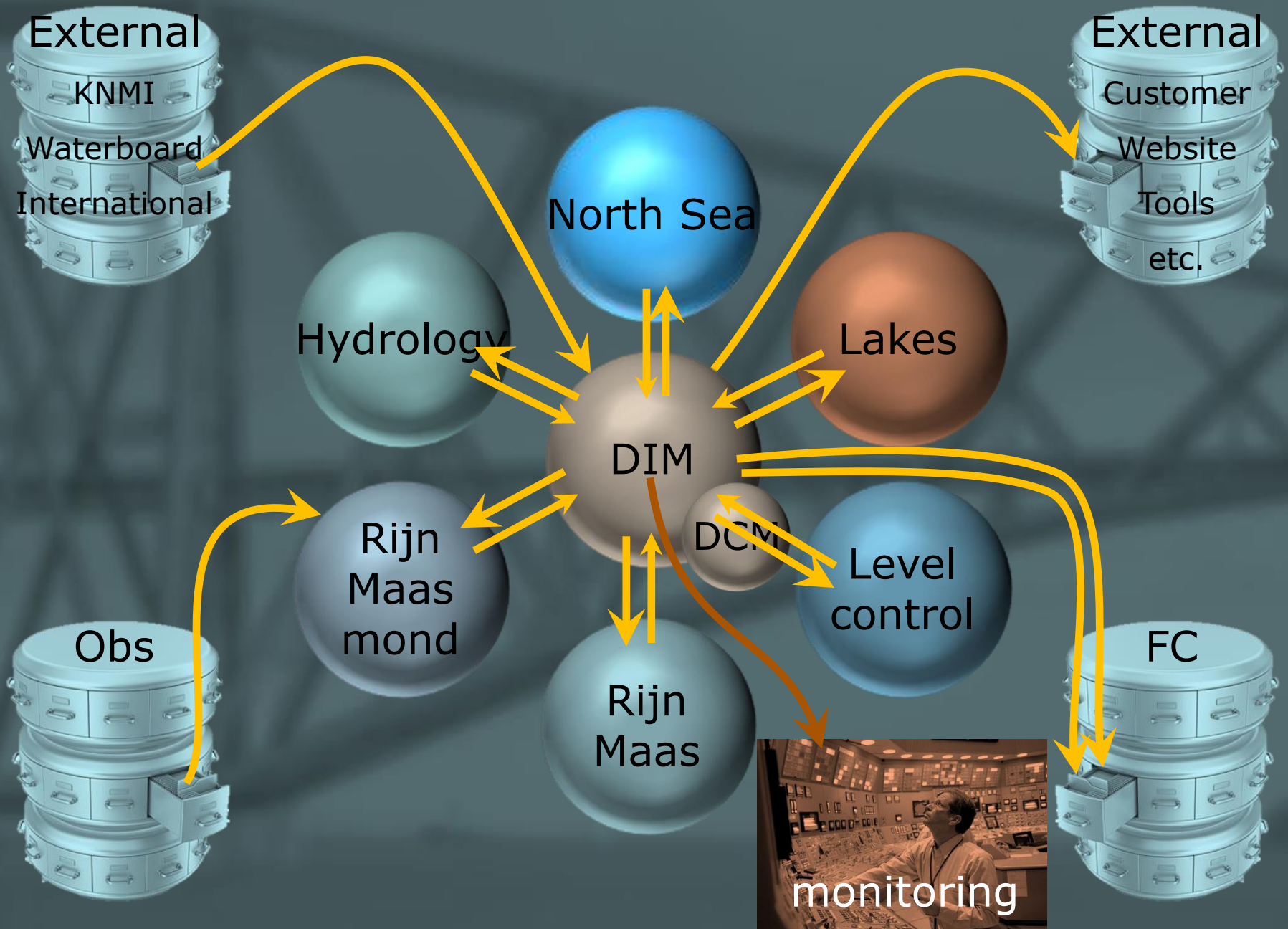
# Building a new Structure



# Building a new Structure



# Building a new Structure



# Building a new Structure

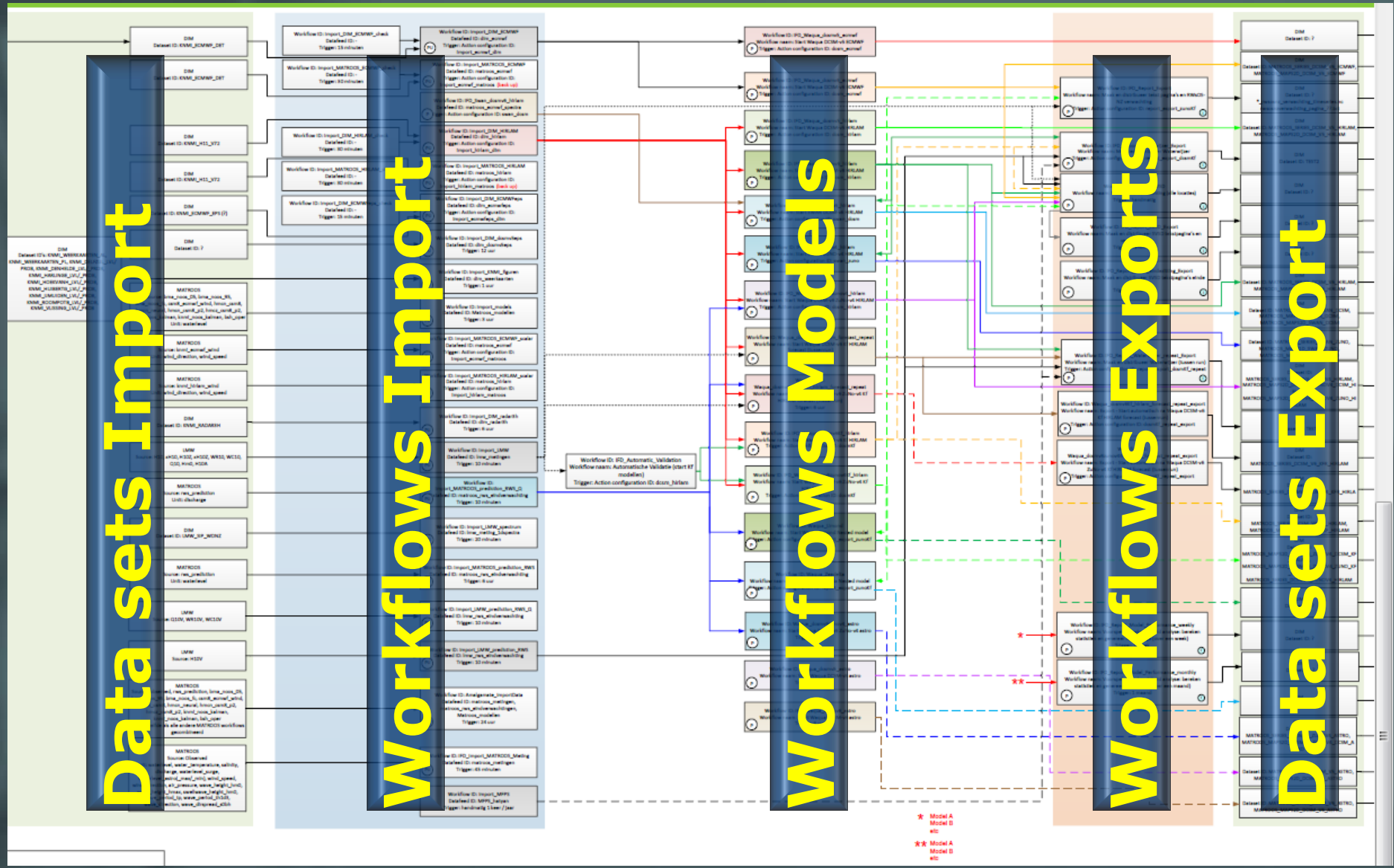
Data sets Import

Workflows Import

Workflows Models

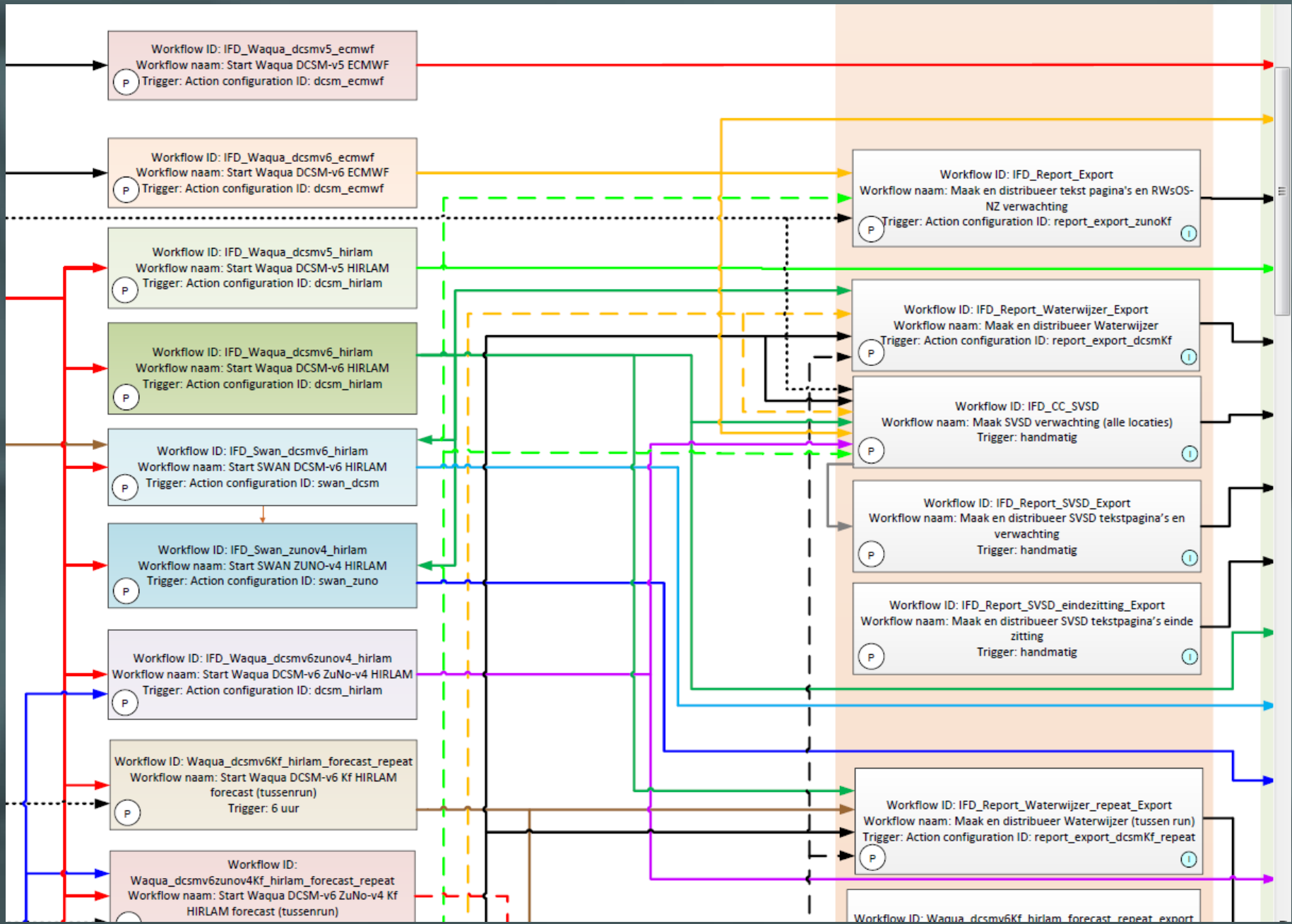
Workflows Exports

Data sets Export



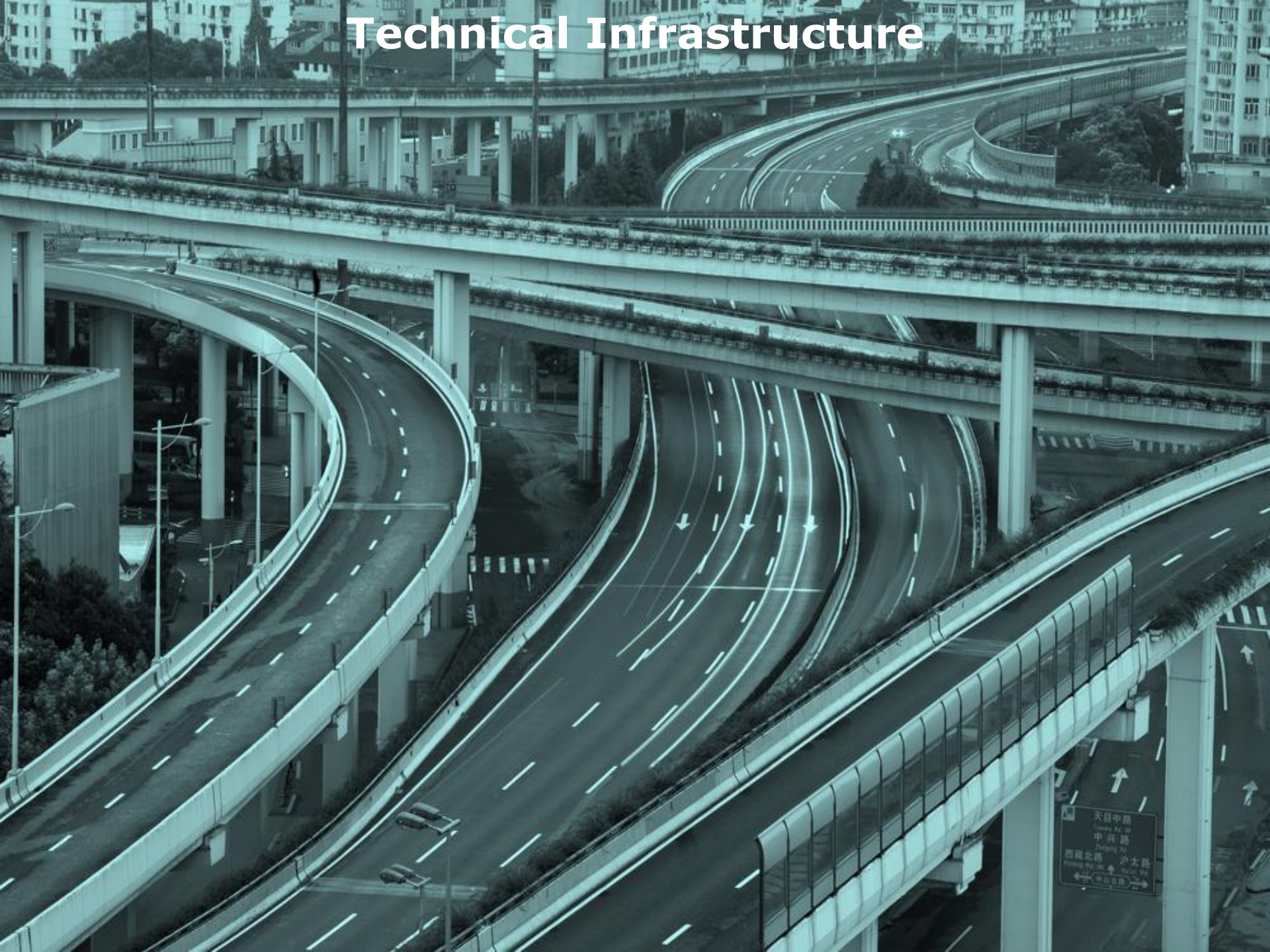
★ Model A  
★★ Model B

# Building a new Structure





# Technical Infrastructure



# Technical Infrastructure



# Technical Infrastructure





# Technical Infrastructure



# Improving Governance



# Improving Governance



# Improving Governance

**Operationalizing**

**Changes & Support**

**Testing, Testing & Testing**

**Guiding & Control**  
Proces, deliverables, use cases

**documentation**

**Programming & Requirements**





**A family**

**of**


**FEWS's**

FAMILY



**Building  
a new  
Structure**

THANK  
YOU



**Technical  
Infrastructure**



**Improving  
Governance**