

# Current AQ modelling activities and challenges: NORWAY (part 1)

Nordic Reference Laboratory meeting on air quality modelling

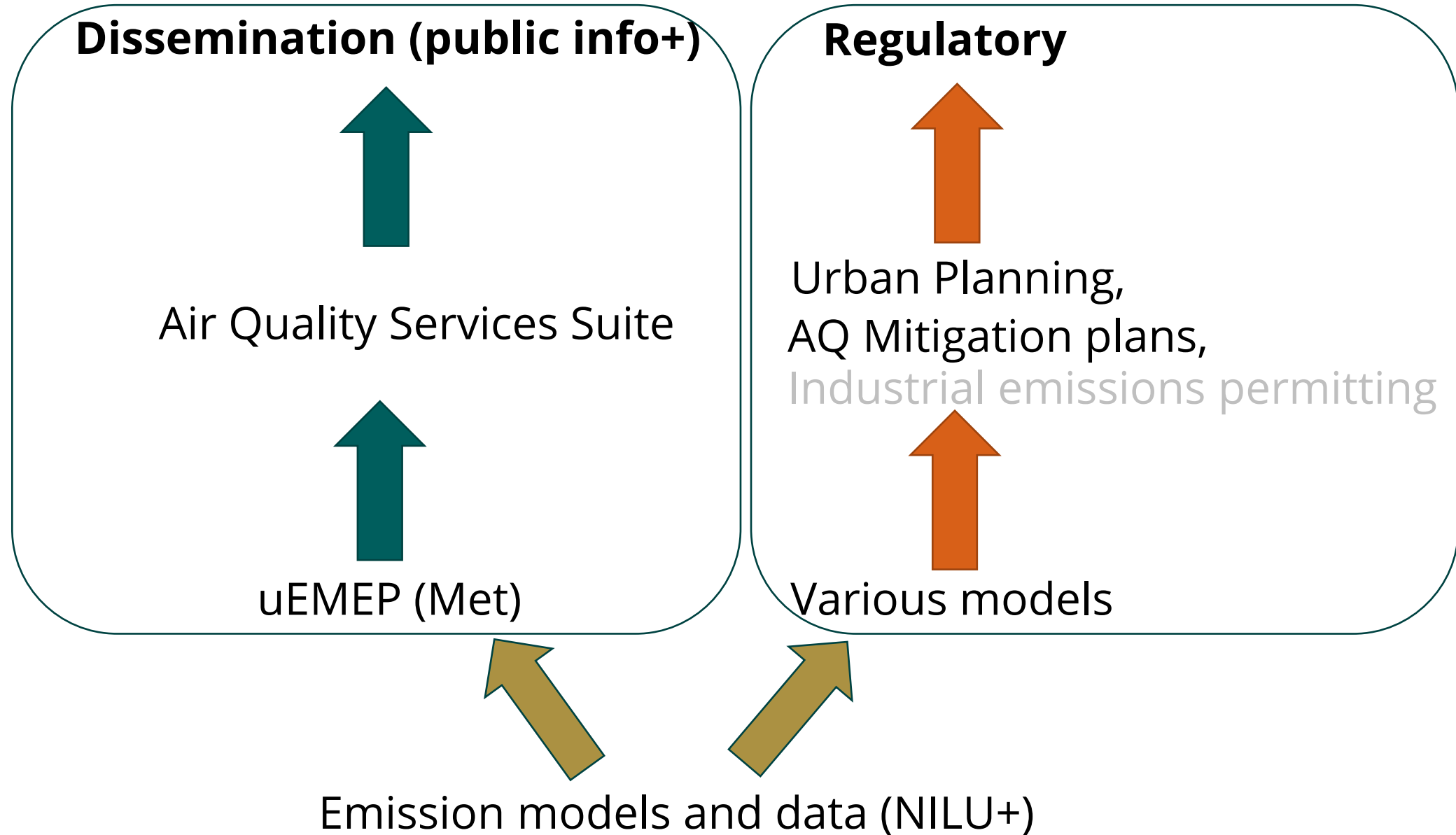
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# Overview of dispersion models: government level



# Dissemination: National air quality services suite

5 main services:

AQ forecasting service

Professional user service

Mitigation calculator

Fine-scale emissions db

Data reporting tool

Utslipp

Kryss av utslippss data fra. skrur seg sektoren

Inn

Sj

Ve

Ve

Ve

Tid

Ve

Ve

Ra

Send

Avbr

Rapporteringsverktøy

Logg ut

## Rapportering

Rapporter inn tall for veidrift og piggdekkbruk i kommunen.

Veidrift  
Vis rapport

Piggdekk  
Vis rapport

# Regulatory: Models used in urban planning and AQ plans

*No requirement for specific models, just general guidance  
(new national guidelines for urban planning in the end of 2022)*

## **Urban planning**

(neighborhood or street level)

- Aermod (Norconsult, COWI...)
- Soundplan (Multiconsult...)
- ADMS (Rambøll, SWECO...)
- ....

## **AQ Plans**

(region or city level)

- EPISODE (NILU)
- AQ Services (Norconsult)
- Aermod (COWI, Norconsult...)
- TAPM (COWI)
- ....

## **Industrial emissions permitting**

- Aermod
- CONDEP/CONCX
- ...



# Challenges

1. Standardization of models used for regulatory purposes
2. Collection of high quality activity data, for example for wood burning

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RAPPORT

## Forslag til standardisering av metodikk for luftkvalitetsberegninger etter T-1520

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OPPDRAAGSGIVER  
Miljødirektoratet

EMNE  
Standardisering av metodikk for  
luftkvalitetsberegninger etter T-1520

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Multiconsult

