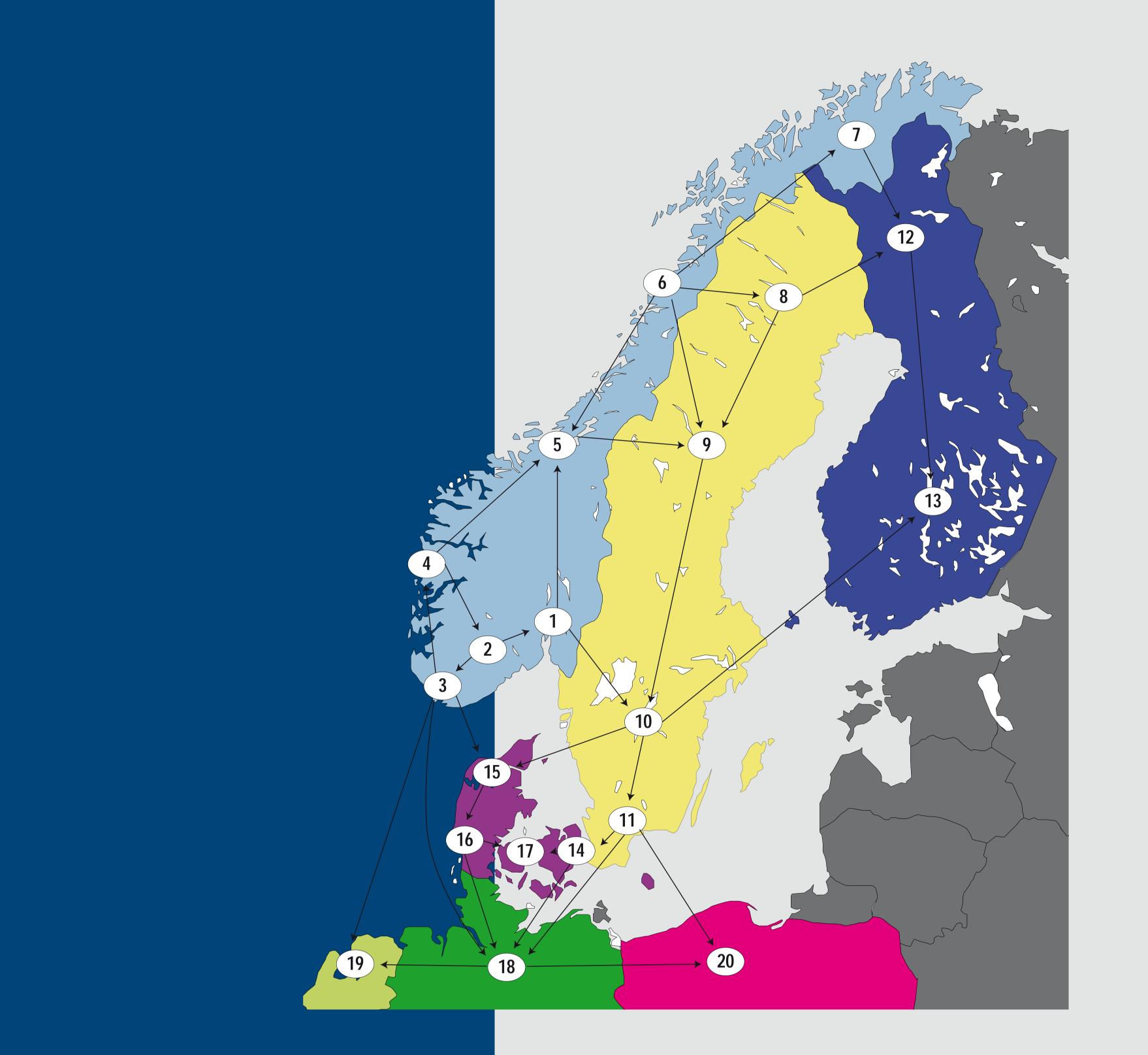
EMPS/Samkjøringsmodell

A stochastic fundamental market model with hydro optimization Strategy for aggregate hydro models – Simulates detailed hydro



Functionality:

- Demand
 - Multi year load profiles
 - Gradual or dynamic optimized adaptation of consumption
- Thermal unit start-up costs & reserves
- Temperature dependent load
 - firm load
 - CHP capacity
 - 24 hour time resolution

Forecast

- HBV -based inflow
- Factor files for inflow and climate
- Short term forecast in long-term period
- Short term temperature forecast

Wind power

- Wind power modules (hydro equivalent modules)
- Energy production series (hourly, daily or weekly time resolution)
- Multiple wind farms

Time resolution and horizon

- Accumulated or sequential load periods
- Up to 168 load periods pr week
- Up to 25 years data horizon

