

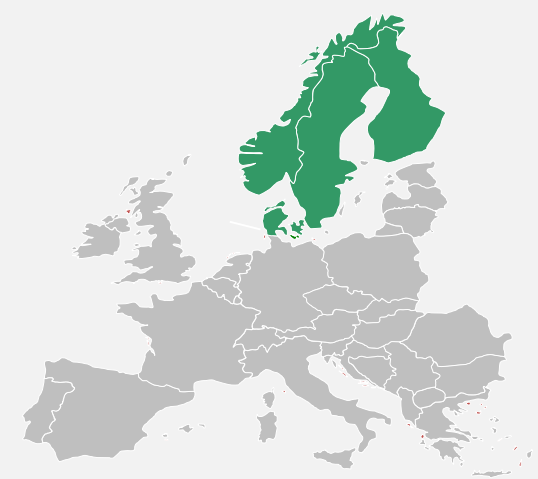
TSO news

eSett Customer Committee meeting, Nov 14th 2017

FINGRID

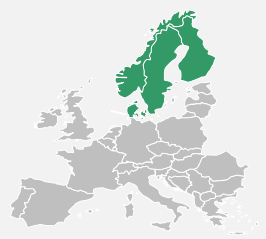
Statnett





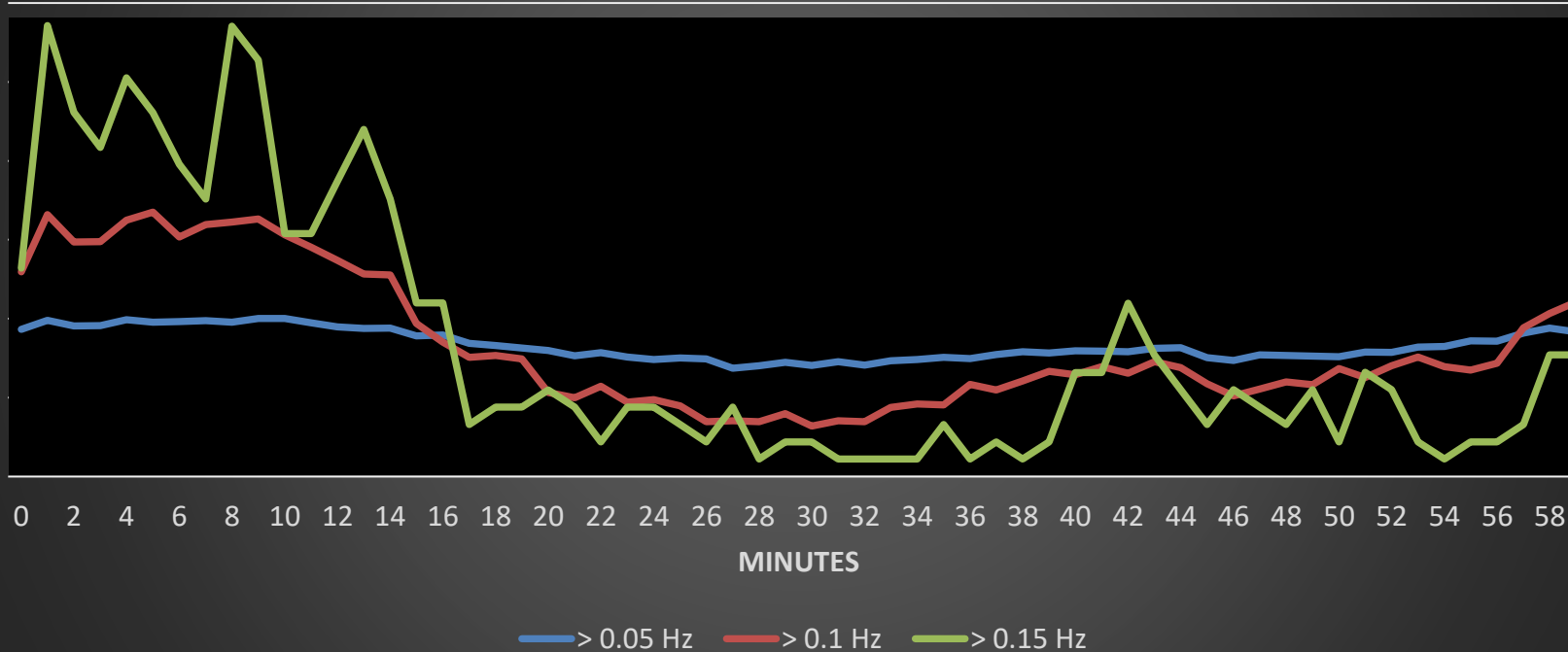
15min settlement in the Nordics

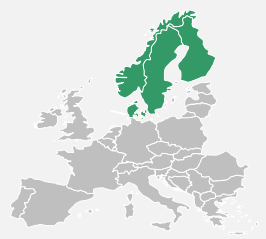




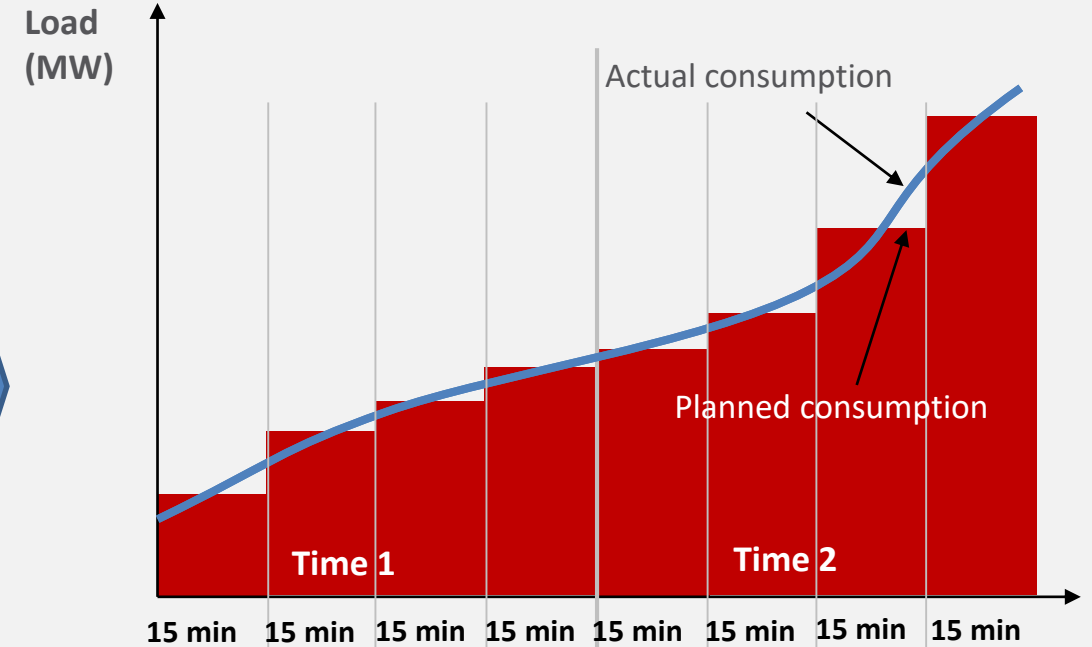
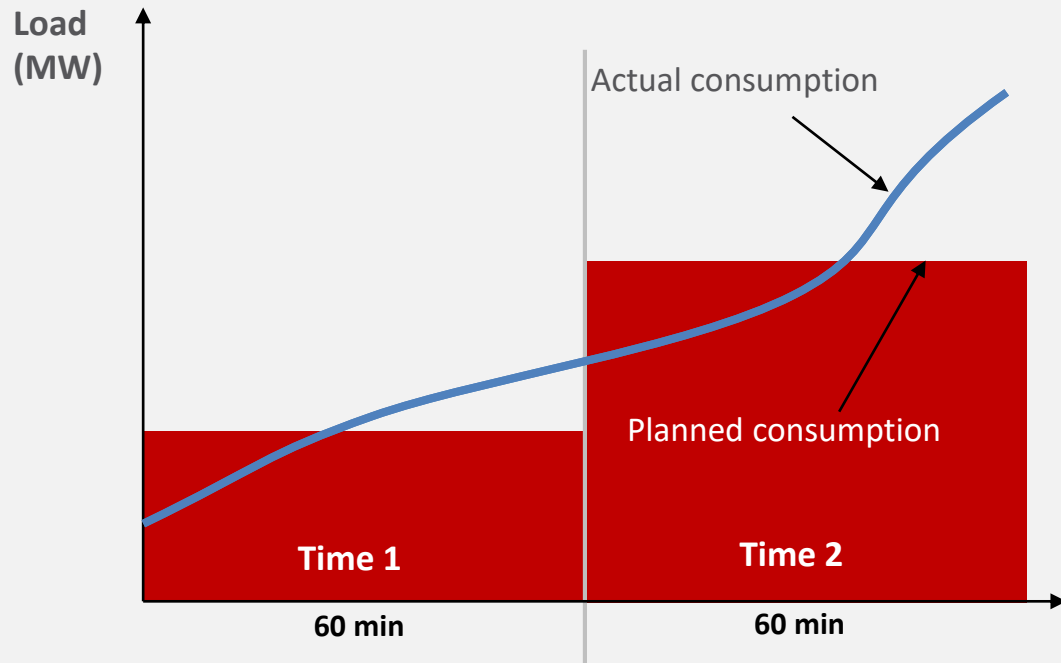
Challenging system operation

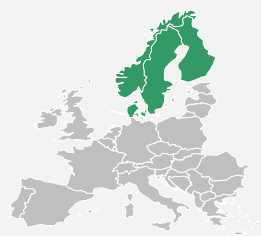
Distribution of frequency deviations during an average hour in 2016





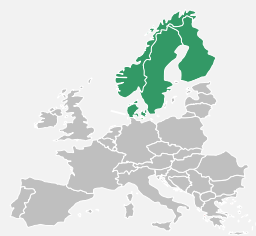
Reduction of structural imbalances



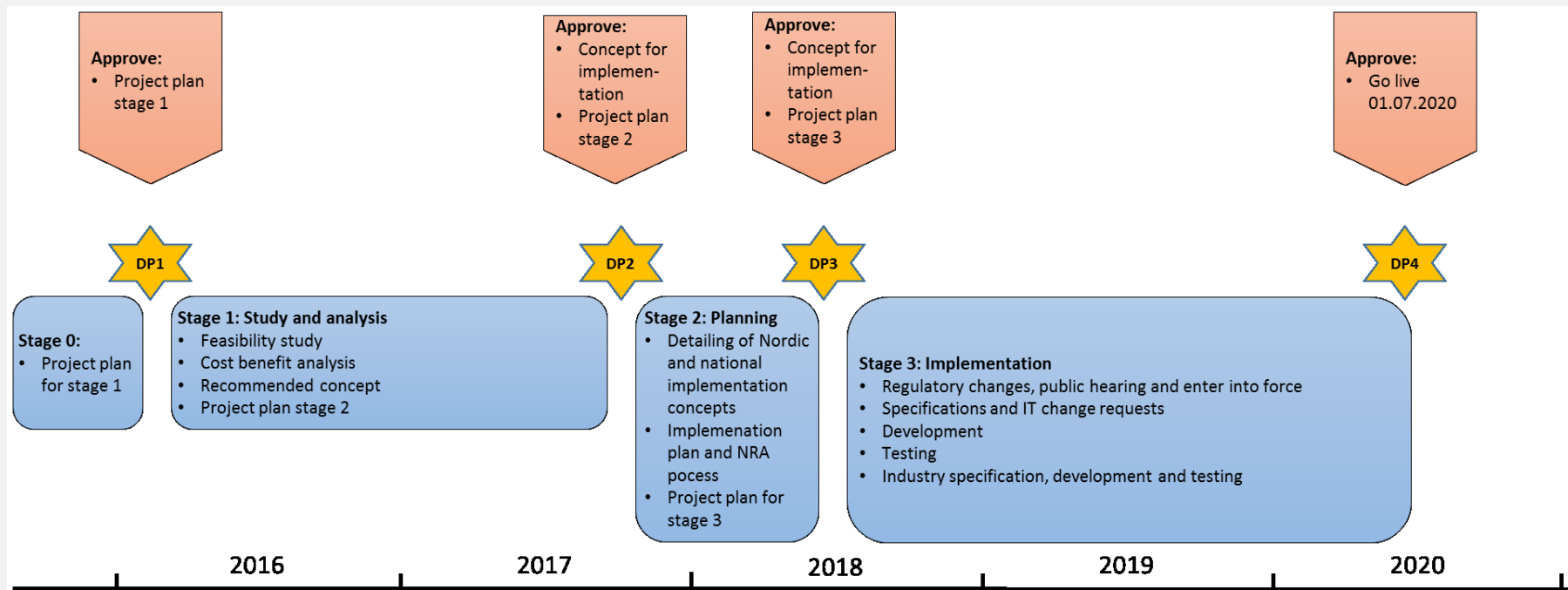


Nordic ambition: 15 min ISP in Q2 2020

- ❖ The agreed ambition is to implement 15 min Imbalance Settlement Period and 15 minutes resolution in the balancing and intraday markets, by July 1st 2020
- ❖ The final version of the cost benefit analysis developed in phase 1 of the Nordic higher time resolution project will be made publicly available. The main benefits related to a change of ISP are identified as:
 - ✓ Increased trading options for balancing responsible parties (BRPs) with countries that have 15 min ISP and 15 min energy products
 - ✓ More efficient use of new and existing interconnectors
 - ✓ Increased accuracy in the pricing of imbalances and valuation of flexibility
 - ✓ Improved frequency quality – security of supply




Planning and implementation



- ❖ The Nordic project is now entering the planning phase
 - ✓ Assess the scope with respect to settlement in the project
 - ✓ Necessary changes in the eSett system
 - ✓ Take into account other changes coming from the new balancing guideline
 - ✓ Dialogue with regulators to get necessary regulatory changes



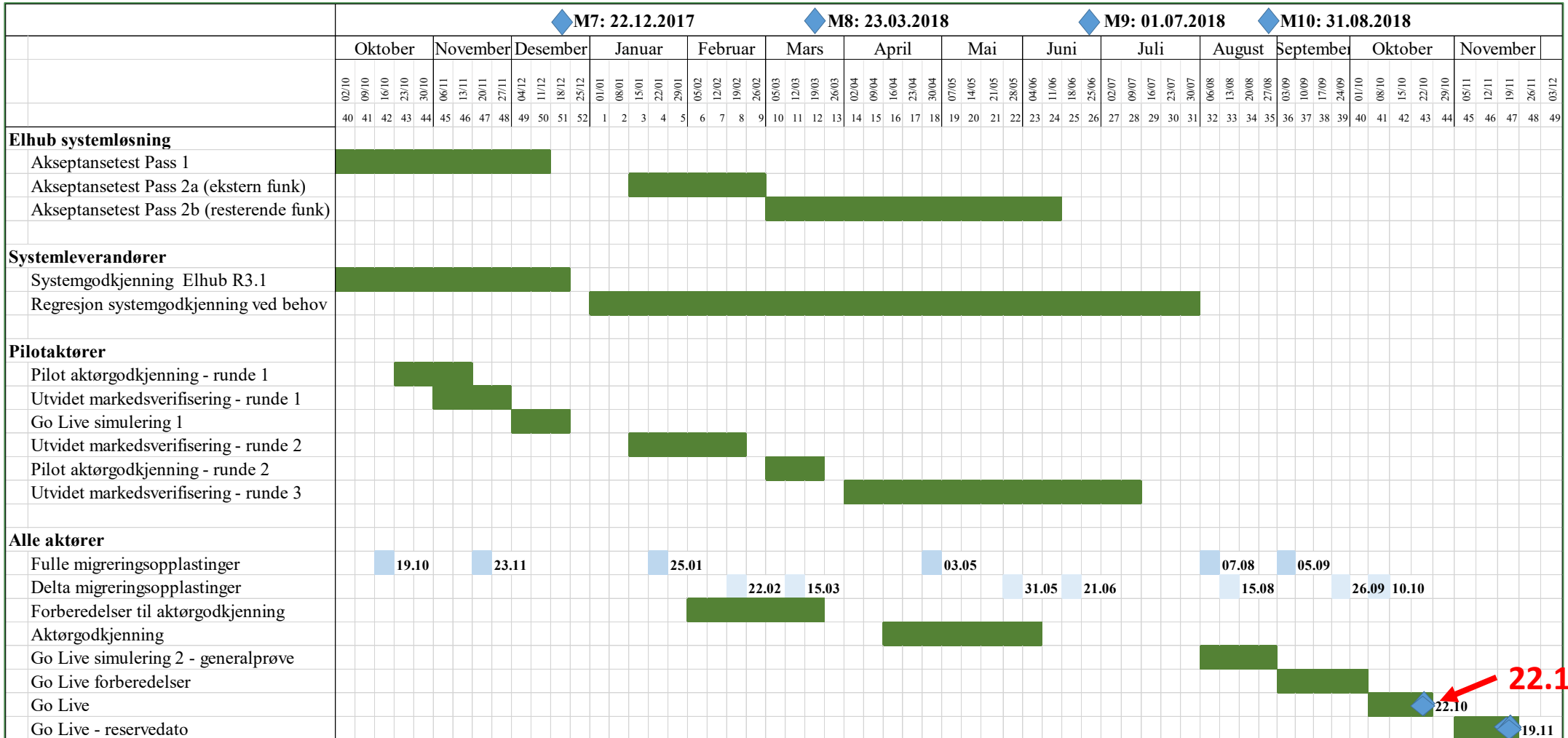
Datahubs in the nordics



Elhub - status

Updated project plan

Under discussion with the industry – final go-live date expected in December



elhub

Status

☐ System

- ☐ Elhub System Solution is completely developed
- ☐ Core functionality and market processes verified to a great extent – still bugs to be solved
 - ☐ Testing and bug fixing continues
- ☐ Ongoing work to improve performance

☐ External testing/preparations

- ☐ Market parties verified on the six first milestones
- ☐ Extensive vendor testing ongoing
- ☐ Pilot testing continues, reporting of and calculations on real settlement data

Fingrid 14.11.2017

Datahub status

FINGRID
Datahub

- Data migration
 - This is bought as a service, implemented and operated by Solteq Oyj
 - Some pilot companies has started to use this service during October, the entire industry from April 2018
 - Fingrid has carried out 3 large inquiries to the industry, trying to understand how the data quality is and their level of readiness. These inquiries will continue on a regular basis.
- Legislation
 - Delayed quite a lot, but now in process
 - Expected to be ready end of this year or beginning of next year
- Datahub system
 - A public procurement ongoing
 - The preliminary offers are received, now running negotiation phase
- Go live - plan
 - working group with industry
 - version 1.0 out end of this year, then hearing process

The Swedish data hub "Elmarknadshubben"

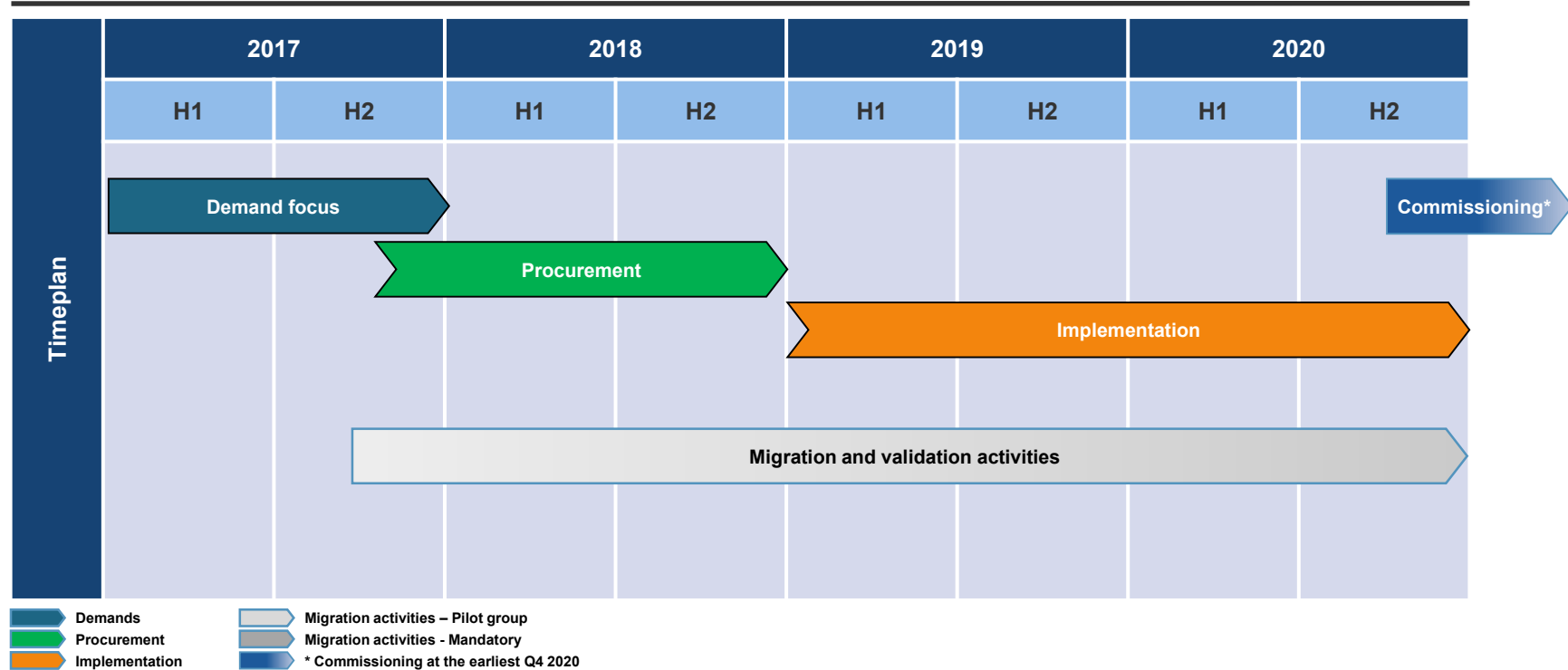
eSett Customer Committee

2017-11-14



The swedish electricity market data hub can at the earliest be introduced by Q4 2020

Time plan for introduction of the data hub (indicative)



The project is in an intensive phase leading the dialogue with stakeholders and preparing for the procurement.

Status update

- Request For Information Finalized (2017-05-02)
- New name "Elmarknadshubb" (2017-05-23)
- New versions of process documents published (2017-05-23)
- 2 information letters (min 3 per year)
- Report from the Energy Markets Inspectorate (2017-06-26)
- 4 regional information meetings in November
Luleå, Stockholm, Göteborg, Malmö (2017-06-27)
- Animated film about the data hub published (2017-06-30)
- Initiation of the procurement (Invitation To Tender, ITT) by the end of 2017
- Fact sheet about the data hub (2017-10-10)
- Public hearing of suggested legal changes will be closed for comments in end of November (Electricity law)

