

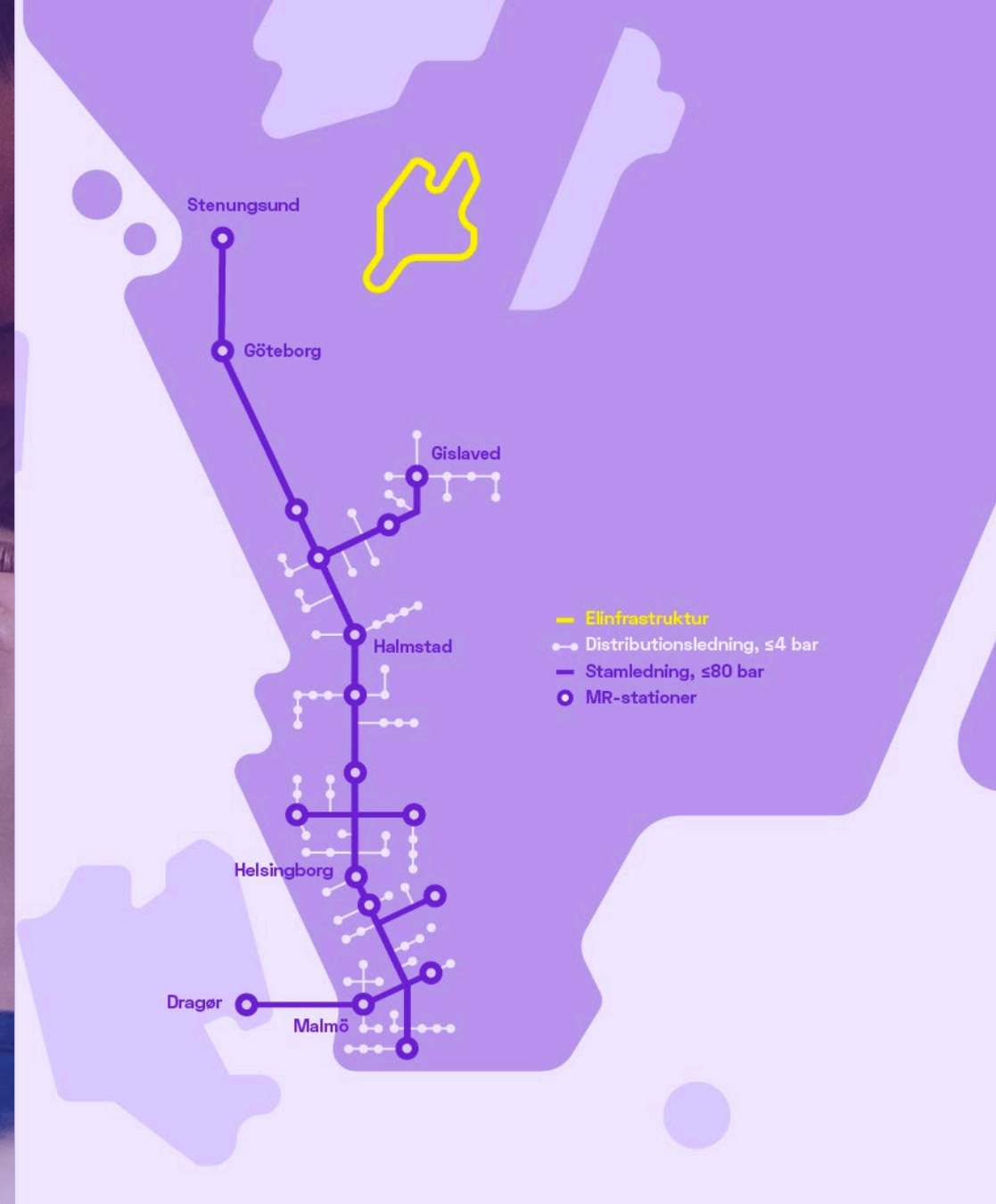
Forum Globala Energifrågor

Carolina Wistén 2023-12-12



Powering
a changing
society –
and making
green energy
accessible
to all

- Electricity & gas infrastructure
- Owned by EDIF II fund
- The first gas grid in Europe with 100 % green gas



Increased collaboration within Europe and in Sweden

N^oRDION ENERGI

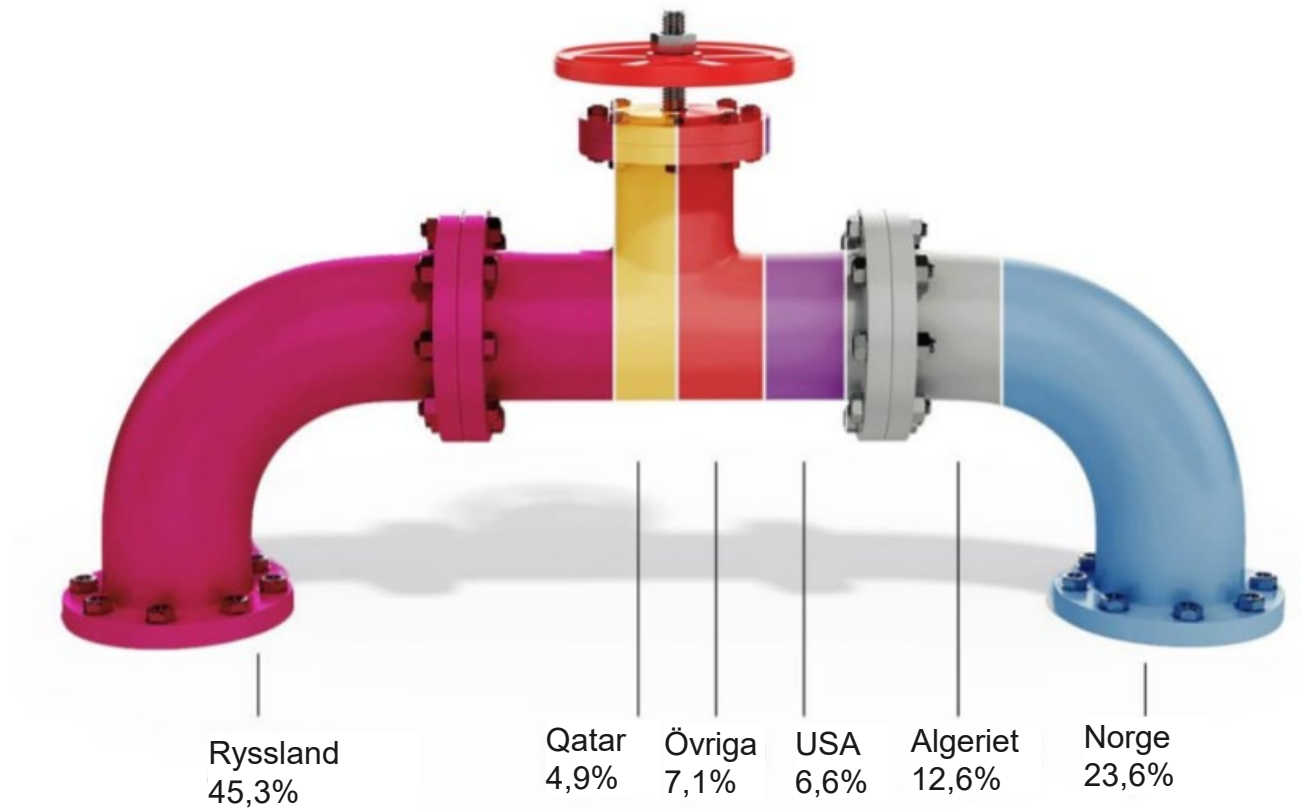
ENERGINET



REPowerEU:

Common european actions to secure safe and sustainable energy at a reasonable price

EU natural gas import 2021



Källa: Europeiska Kommissionen

REPower EU describe how the EU will become independent of Russian gas within a decade

A woman and a child are running on a wooden pier. Overlaid on the pier are four large, colorful, diamond-shaped icons representing different energy sources. From left to right, they are: a purple diamond labeled 'BIOMETHANE', an orange diamond labeled 'WIND', a light purple diamond labeled 'SUN', and a pink diamond labeled 'HYDROGEN'. The pier is made of dark wooden planks and extends towards the ocean under a cloudy sky.

BIOMETHANE

WIND

SUN

HYDROGEN

Initiatives taken to manage supply winter 2022-2023 and 2023-2024

90%

Filled storages

-15%

Consumption

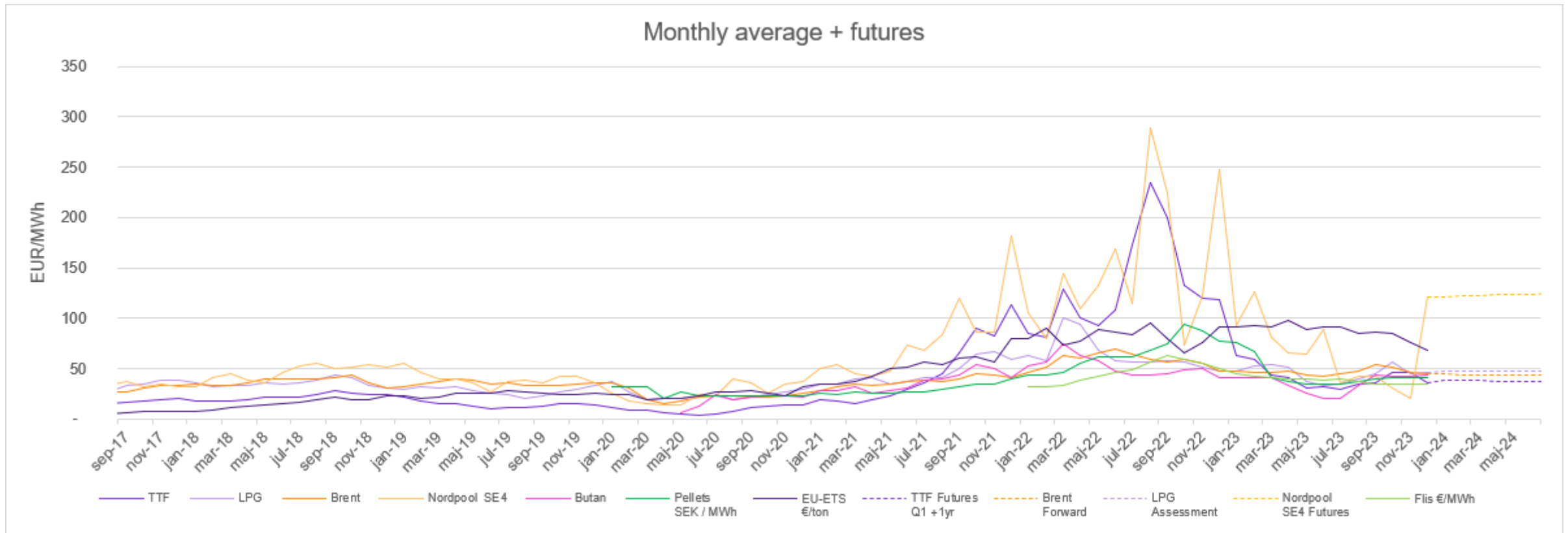
INFRASTRUCTUR

Establishment and purchase

Coming season

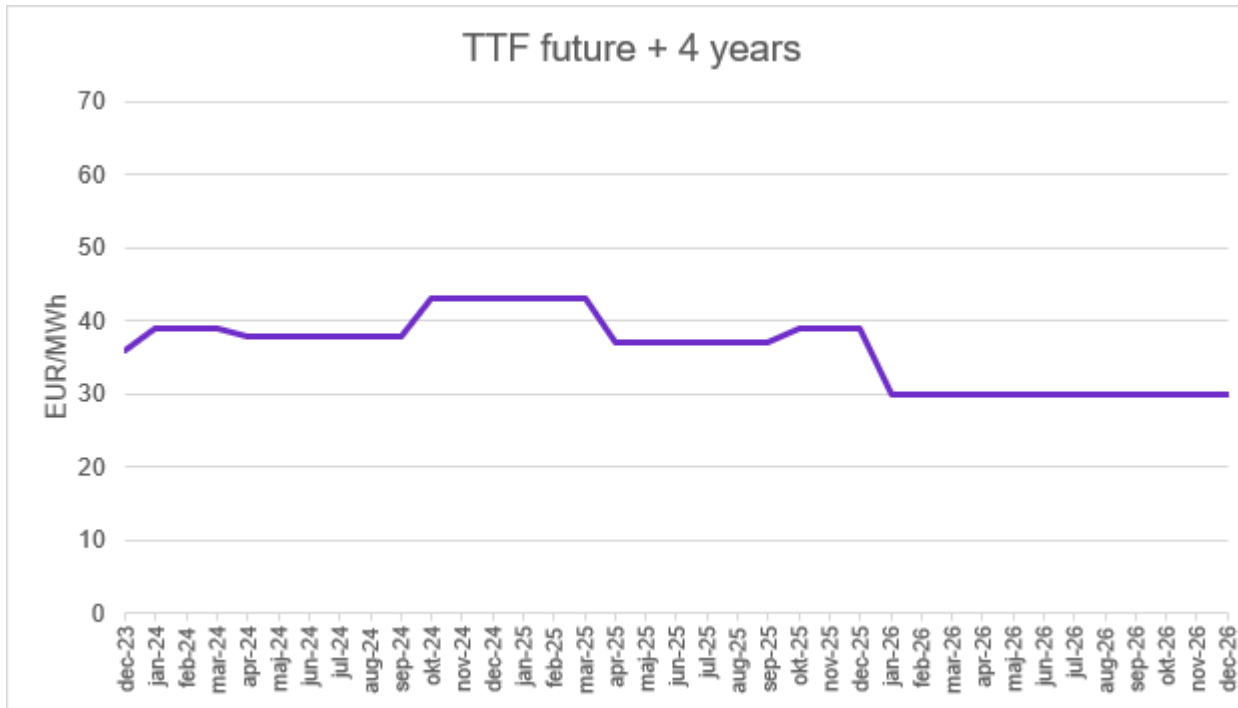


Spot prices are at reasonable levels



Future price levels indicate enough supply in Europe coming year, though volatile

2023-12-11

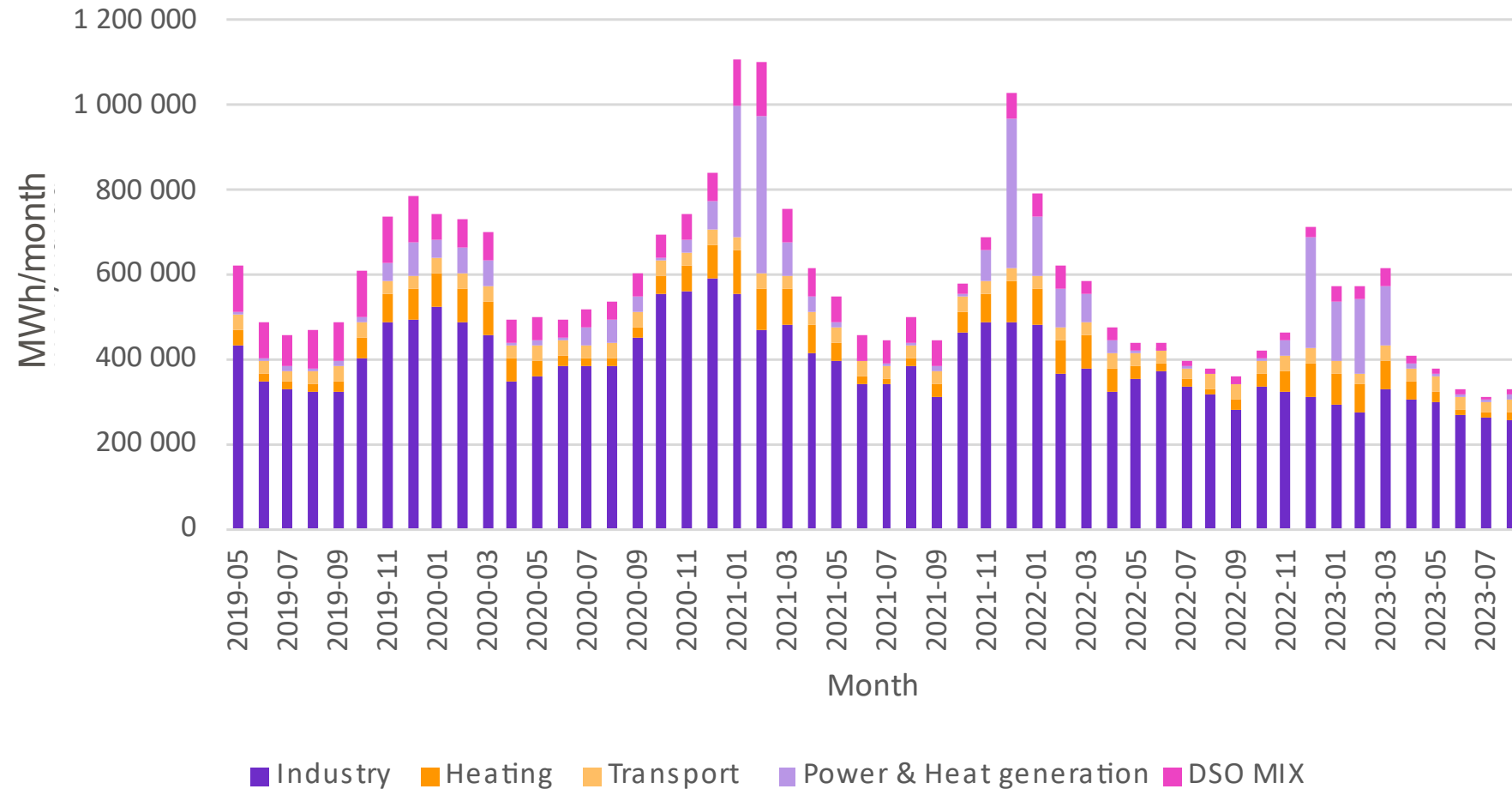


2023-09-06



Demand in Sweden

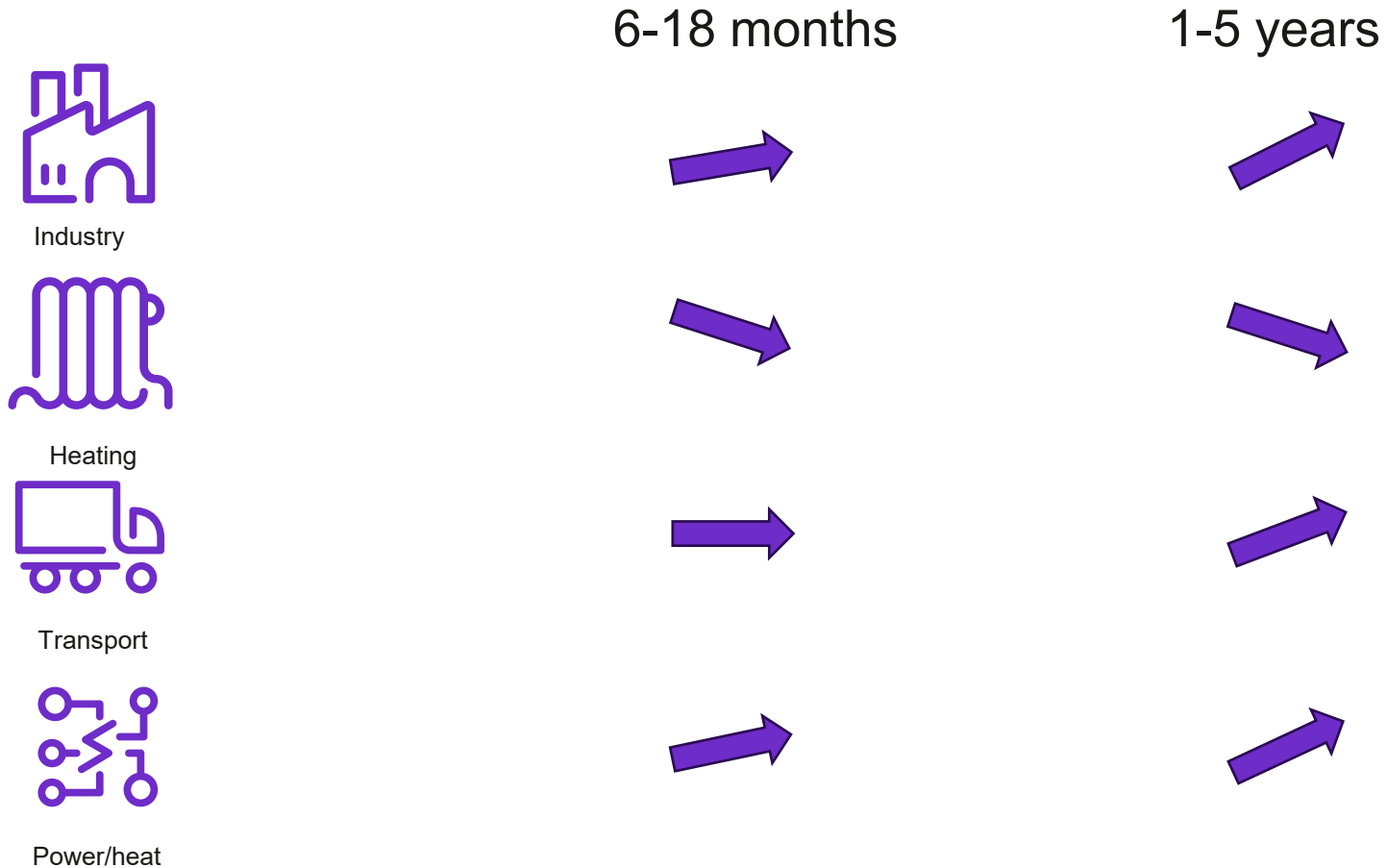
Historical development in different segments



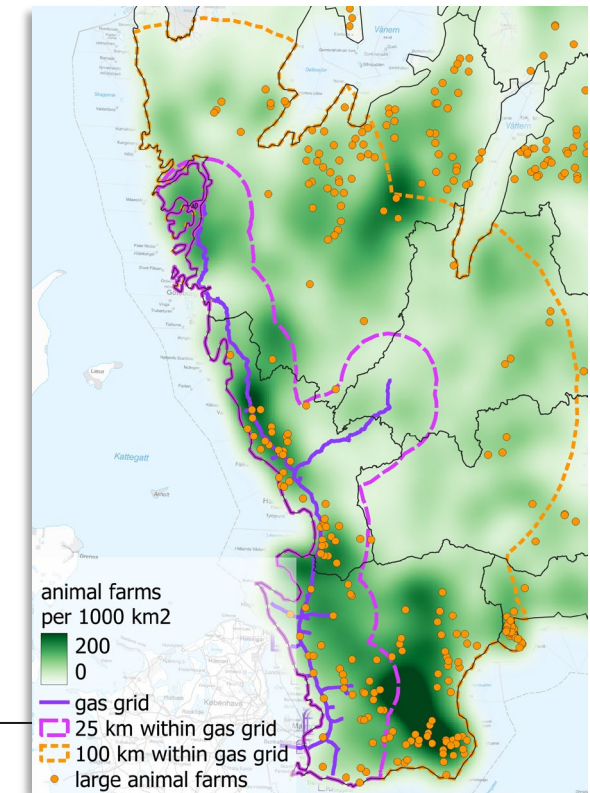
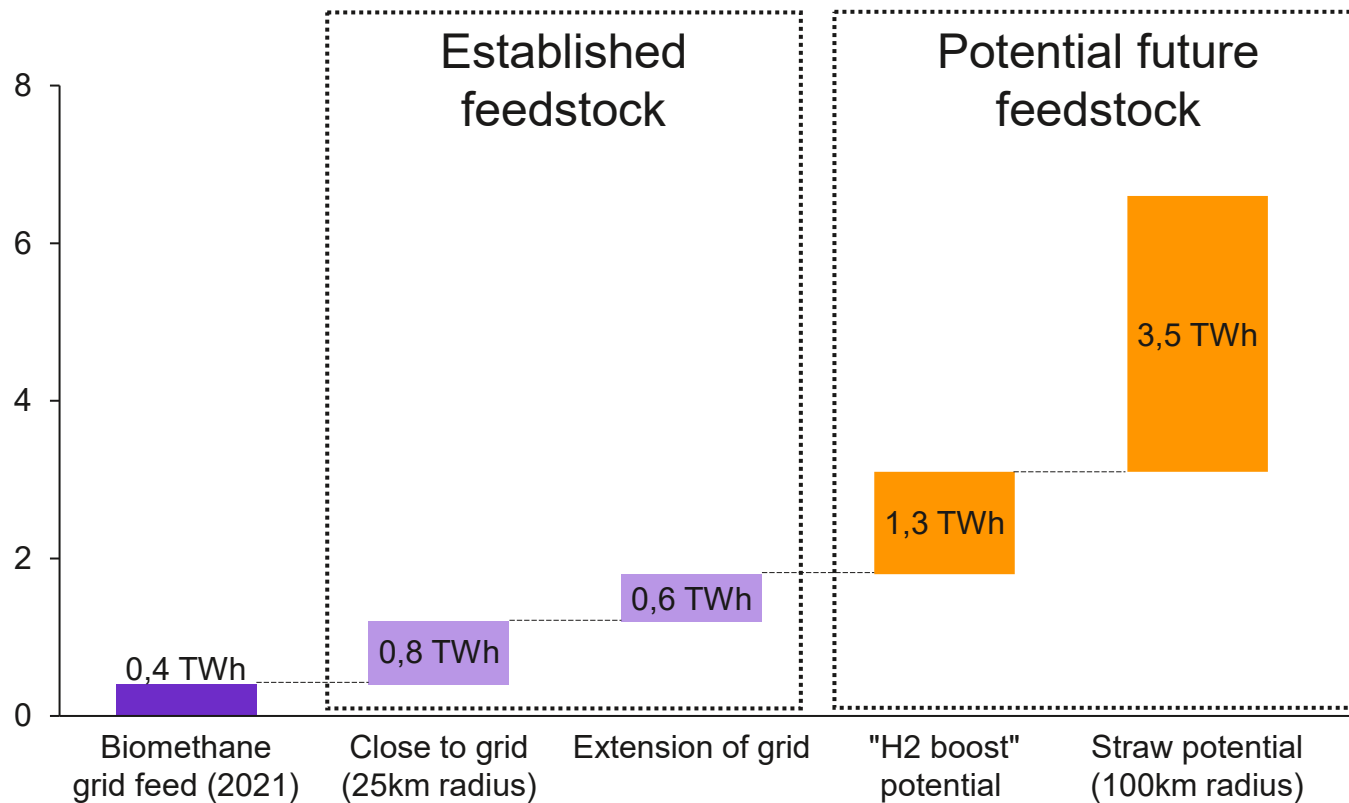
Reasons for lower consumption in Sweden

- No customer has decreased due to that they have not been allowed to run on gas
- Some large industrial customers have been worried about Security of supply and thereby installed LPG as back-up solutions, switching part of their consumption to LPG. This to secure a delivery chain if there will be a shortage of natural gas
- High gas prices in 2022 and beginning of 2023, resulted in lower consumption
- Recession affect several of the industrial customers with lower consumption as a result

Our view on consumption looking forward



Biomethane will be a prerequisite for the development



Nordion Energi has signed a partnership agreement with Nature Energy regarding biogas methane production

N^oRDION ENERGI

nature
energy



Methane consumption will increase in Sweden, but segment shares will differ

- Initiatives taken by the European Commission have resulted in increased security of supply in Europe and more modest gas prices
- Volume will recover, how quick will depend on recession and gas prices
- New volumes will enter the grid, given biomethane will be available
- We will most likely face increased consumption in Industry segment, CHP, marine and heavy transport while heating will decrease
- Future prices around 40 EUR/MWh indicate enough gas will be available
- Nordion Energi work a lot with projects to increase biogas injection to the grid, to green the grid and increase security of supply