

Orange Hills Energy



The goals

- Create things of use to others

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 - Products
 - Services

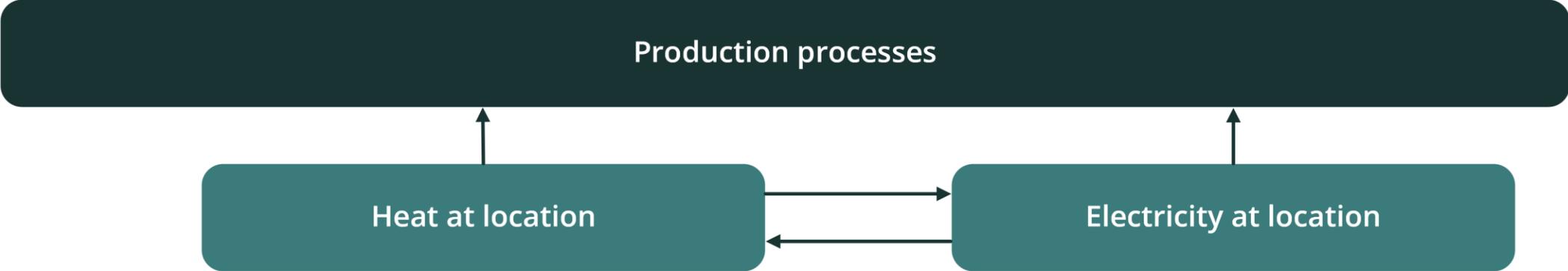
The goals

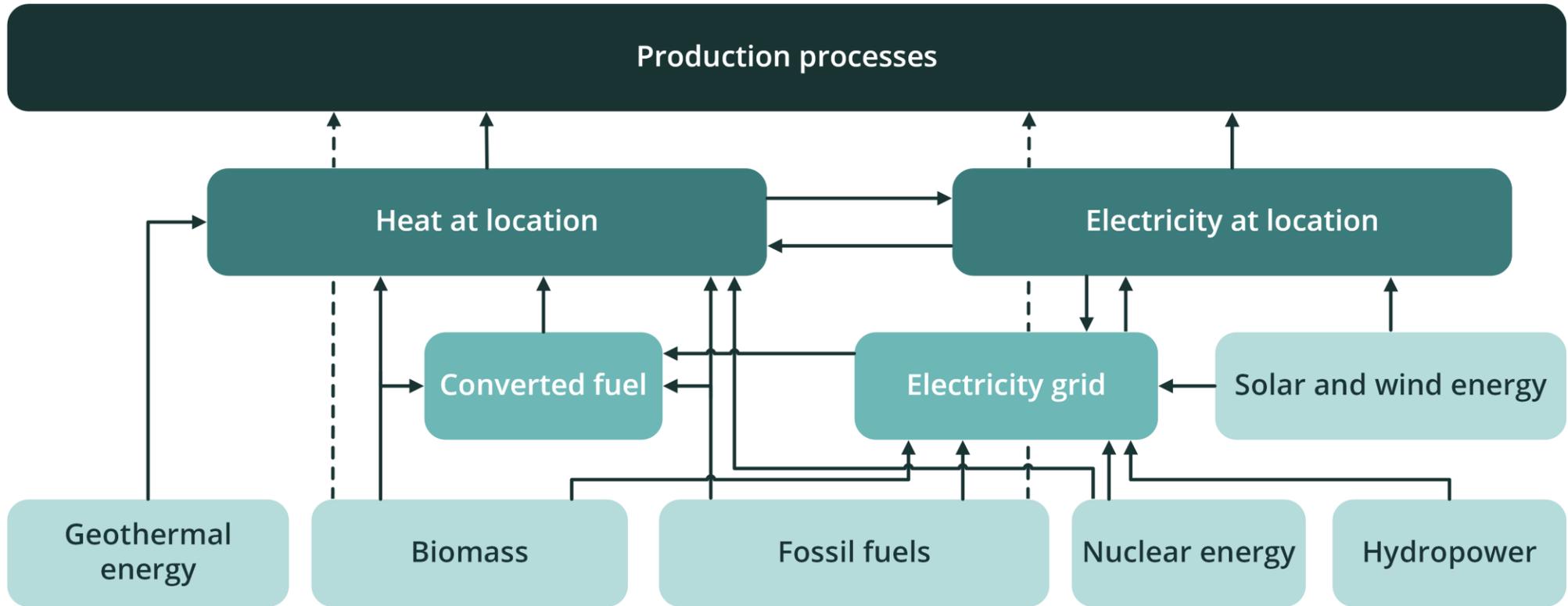
- Create things of use to others
 - Products
 - Services
- Energy is the enabler

The goals

- Create things of use to others
 - Products
 - Services
- Energy is the enabler
- Do new things fast
 - Improve what you have
 - Build new things
- It's a no brainer to invest in an EU country

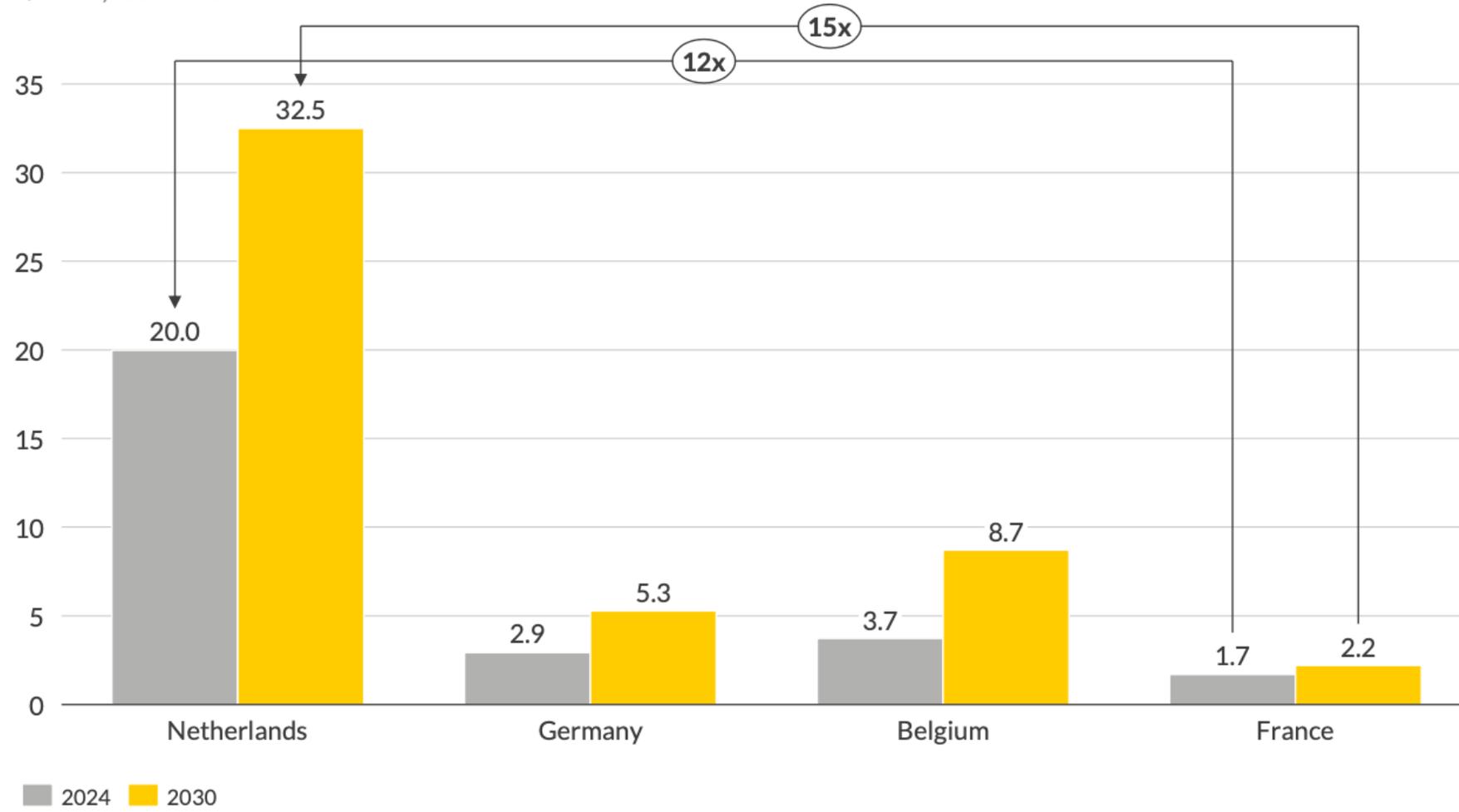
Production processes





Grid fees for Dutch baseload off-takers are up to 12x as high as in neighbouring countries, and the difference grows towards 2030

Yearly grid fees for baseload off-takers^{1,2}, excluding taxes
€/MWh, real 2023



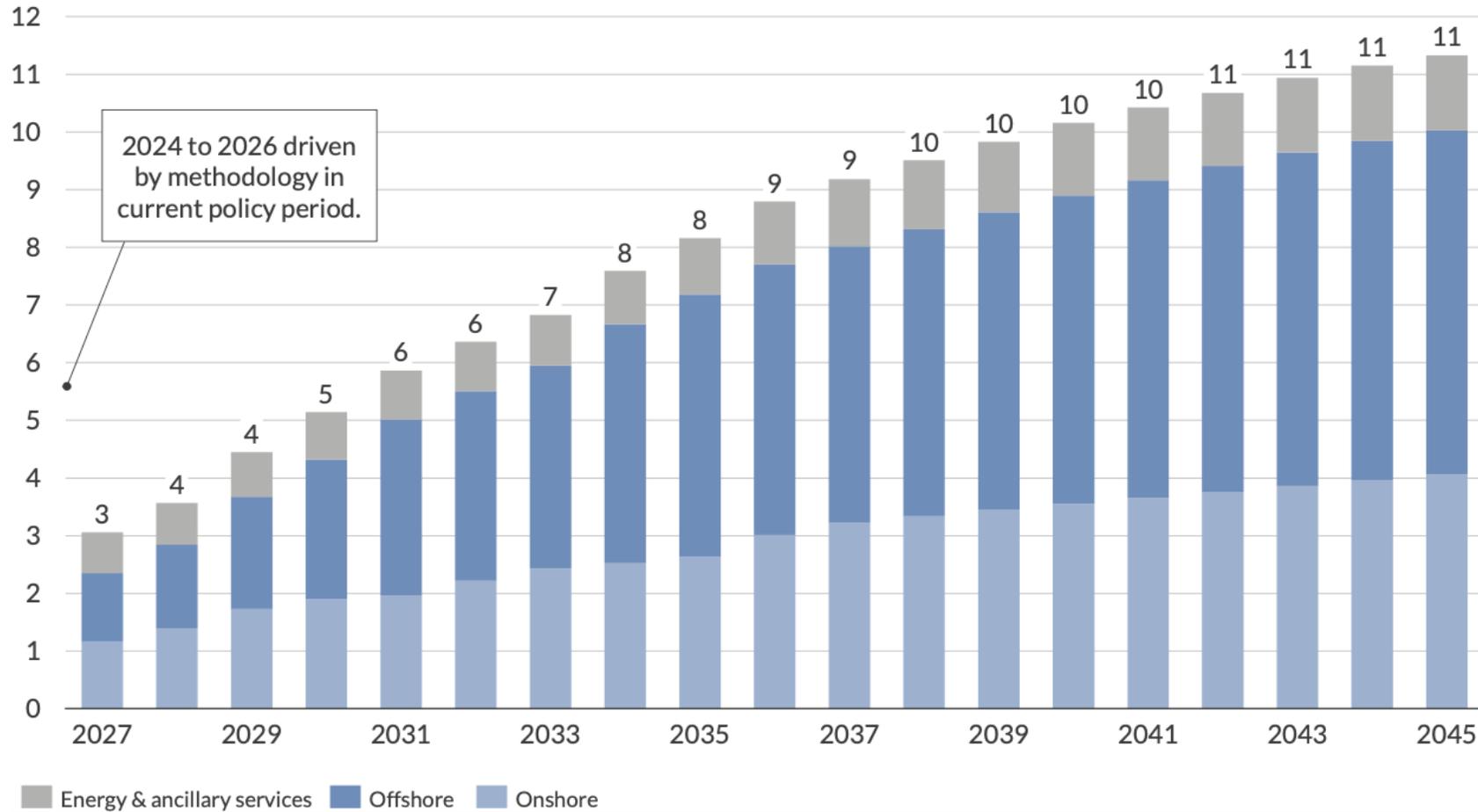
1) Based on a 100MW asset connected to the high voltage grid with 8000 full load hours; 2) The grid fees include discounts and price caps

Sources: Aurora Energy Research, Tennet, Elia, RTE

By 2031, the offshore grid accounts for over 50% of total costs and is the main driver of rising allowed revenues

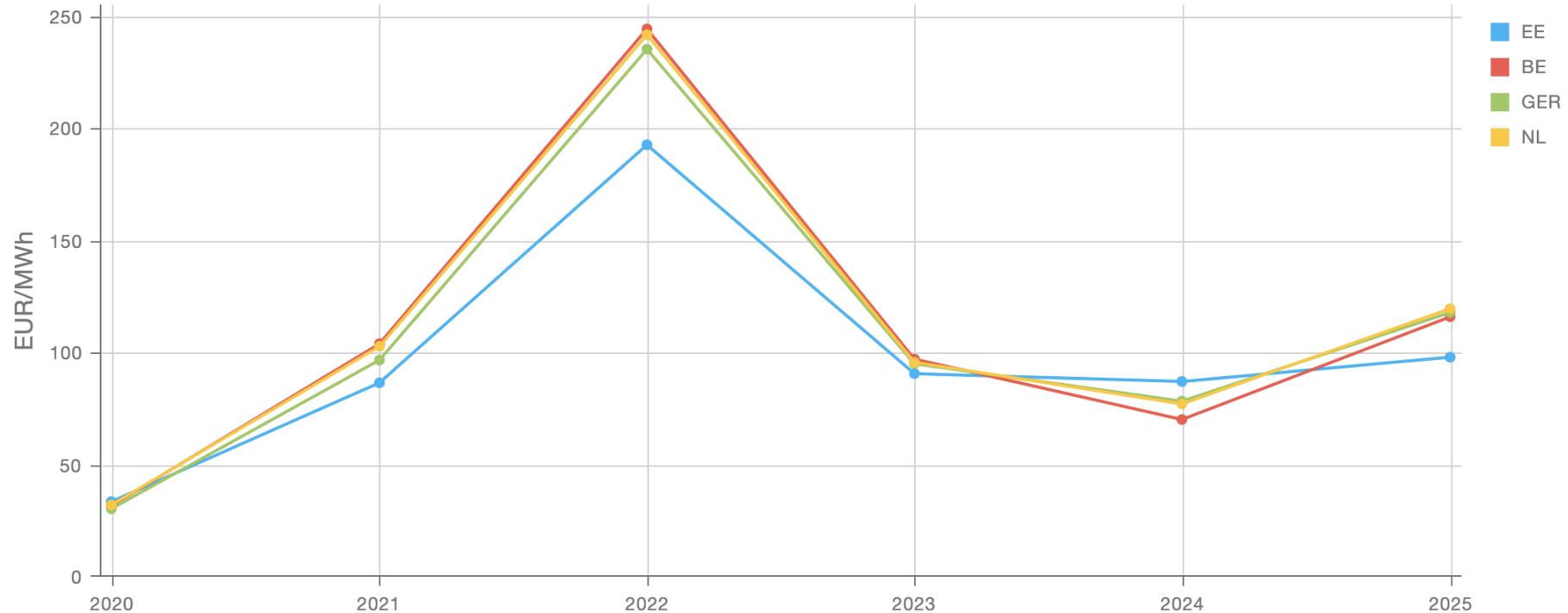
Annual allowed revenue forecast by cost component

Bn €, real 2023

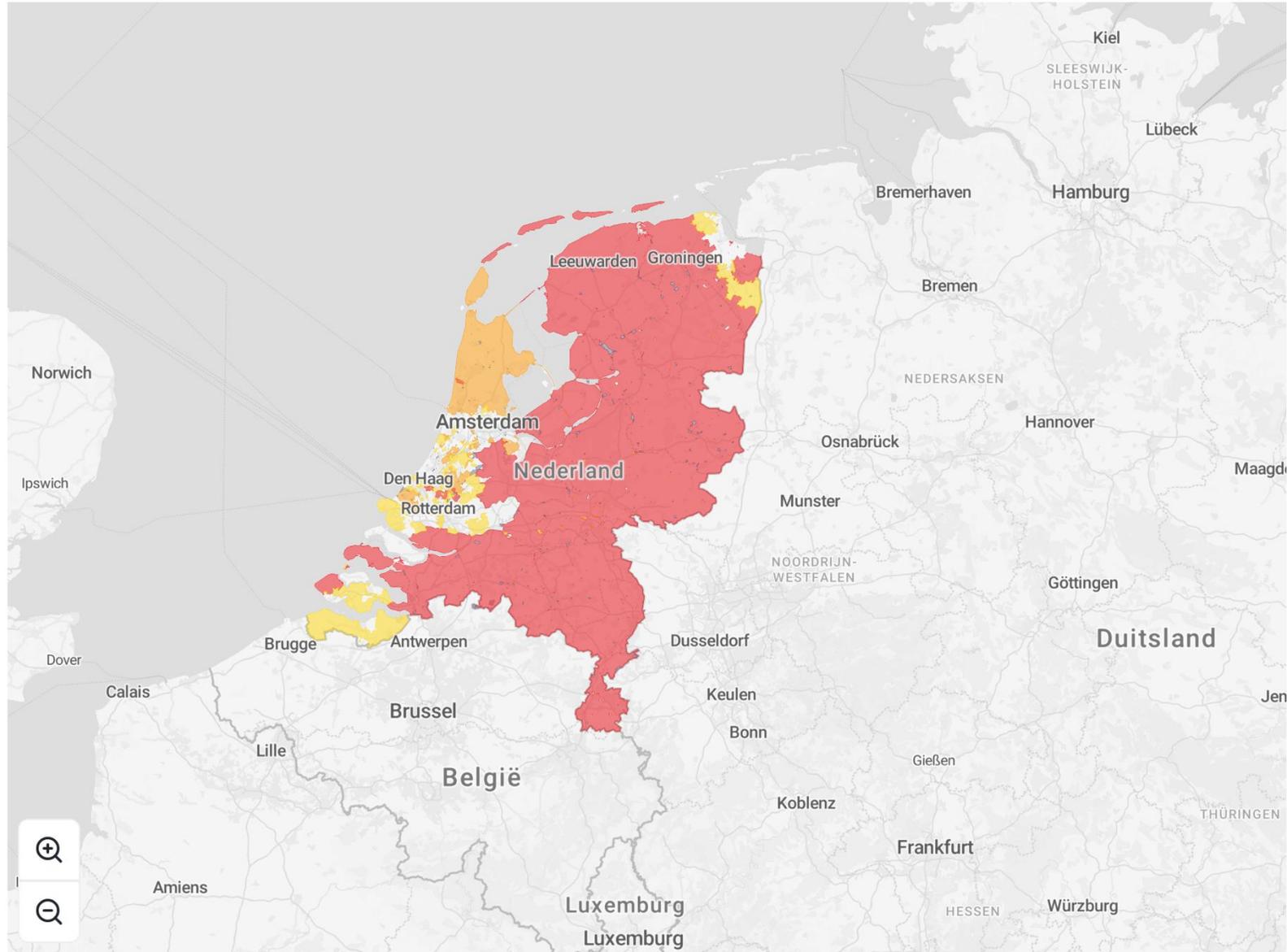


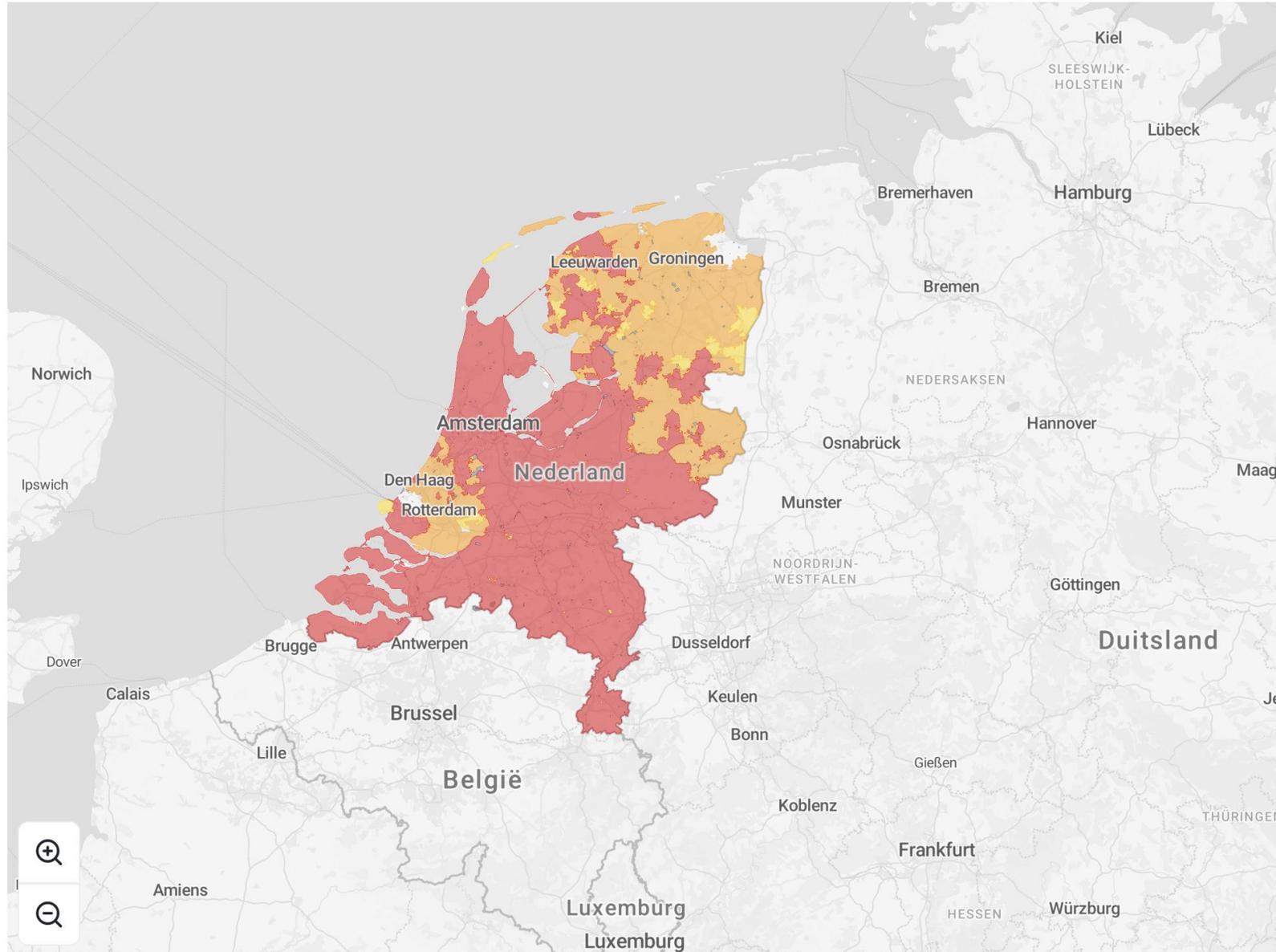
Sources: Aurora Energy Research, Tnet, ACM

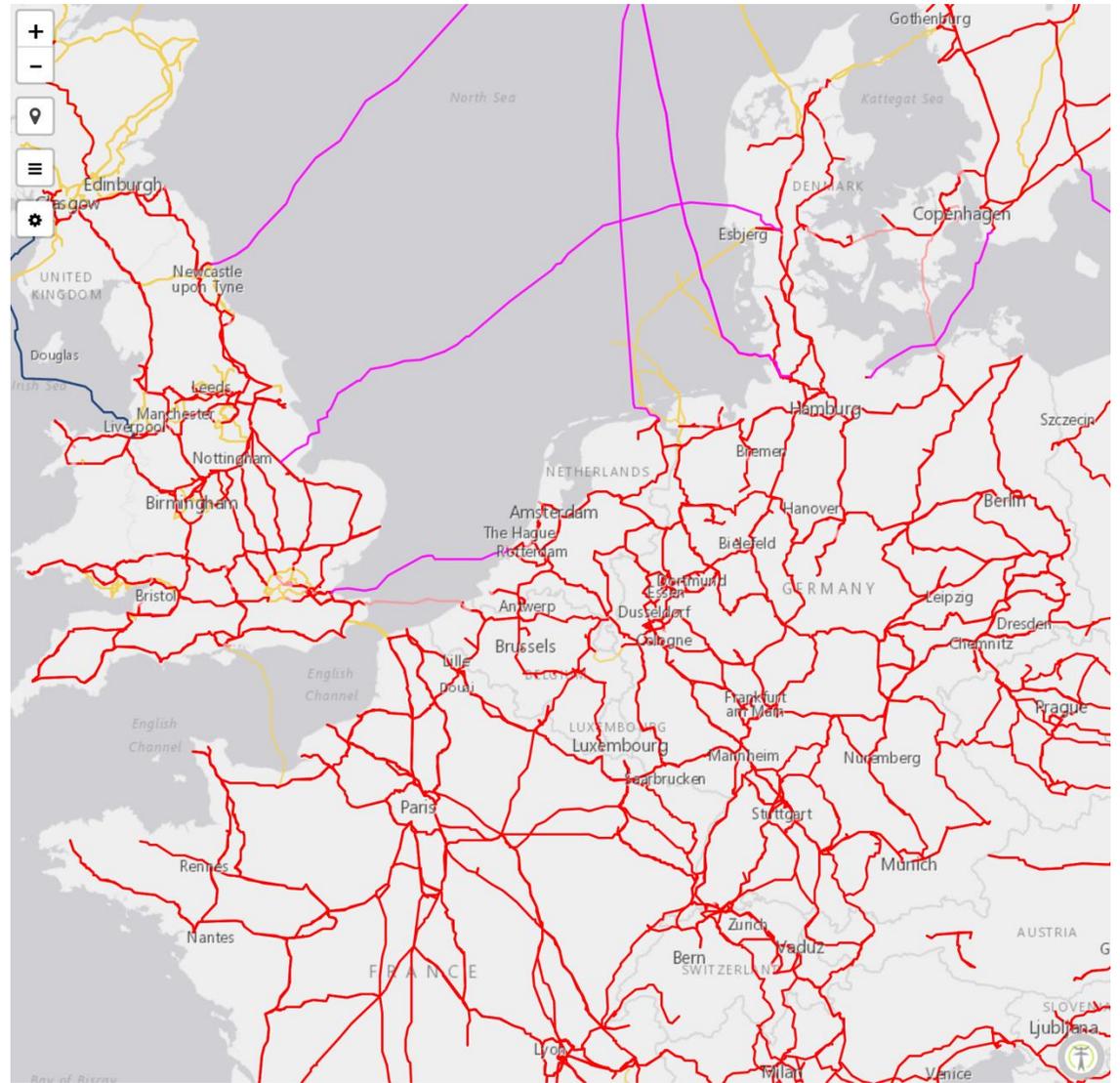
Electricity prices 2020 - 2025



Year	Delivery Date Start CET	Delivery Date End ...	EE (EUR)	BE (EUR)	GER (EUR)	NL (EUR)
2025	2025-01-01	2025-02-05	98,15	116,11	118,04	119,74
2024	2024-01-01	2024-12-31	87,27	70,32	78,51	77,29
2023	2023-01-01	2023-12-31	90,79	97,27	95,18	95,82
2022	2022-01-01	2022-12-31	192,82	244,53	235,45	241,92
2021	2021-01-01	2021-12-31	86,73	104,12	96,85	102,96
2020	2020-01-01	2020-12-31	33,69	31,88	30,47	32,24







SMR's in The Netherlands

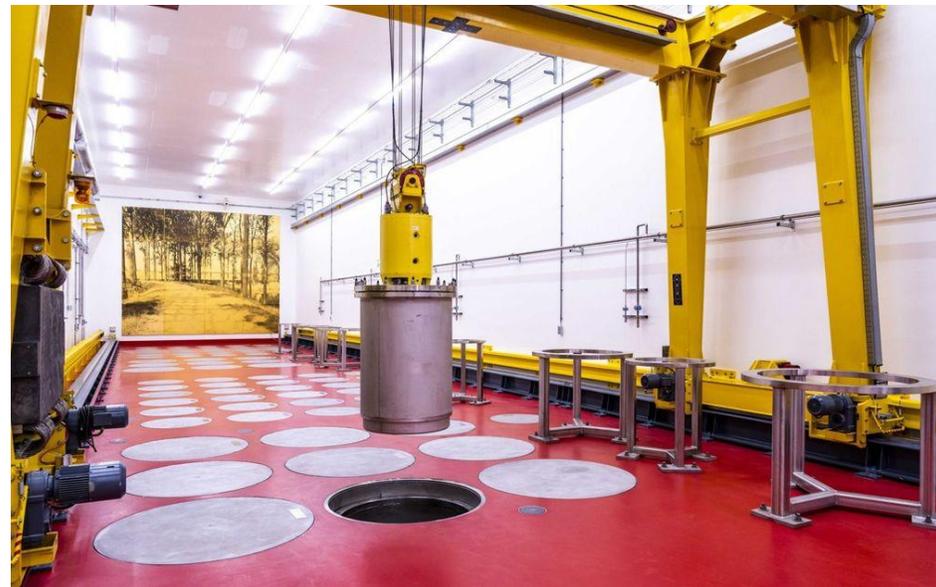
- Solutions when spatial limitations are relevant
- Solutions to grid congestion
- Electricity, steam & low temperature heat
 - Reliability
 - Cost effectiveness
 - Off-grid (mainly)
- Stable long-term contracts
 - Availability
 - Price stability

Where we are

- Building permit
 - Commitment from municipality
 - Site acquisitions
- Licensing
 - Preparation
 - Regulatory engagement plan
 - Pre-licensing
 - Licensing
- National SMR Program
 - Simulations
 - Anticipation - Energy system modelling
 - Planning & goals
- Off-grid customers
- Covra - National solution to waste

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