

Orange Hills Energy

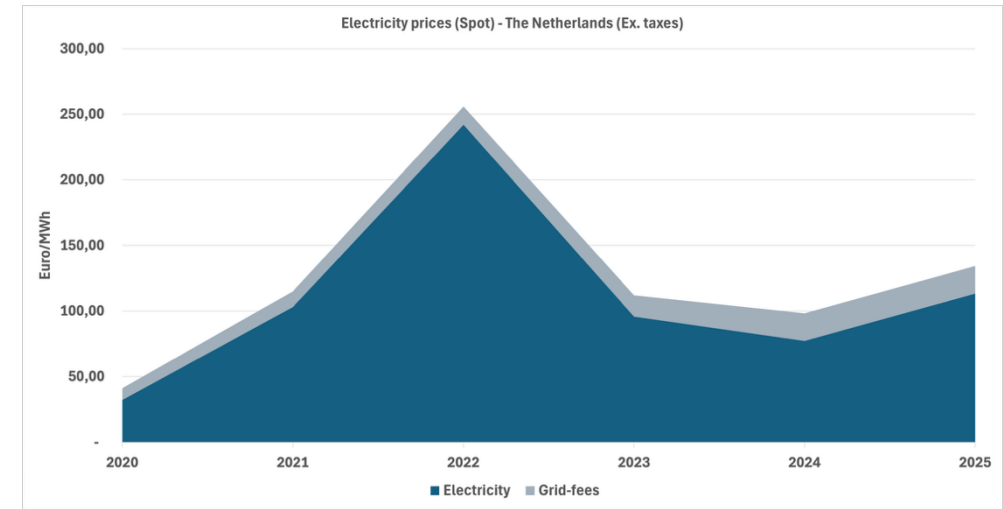


What is new?

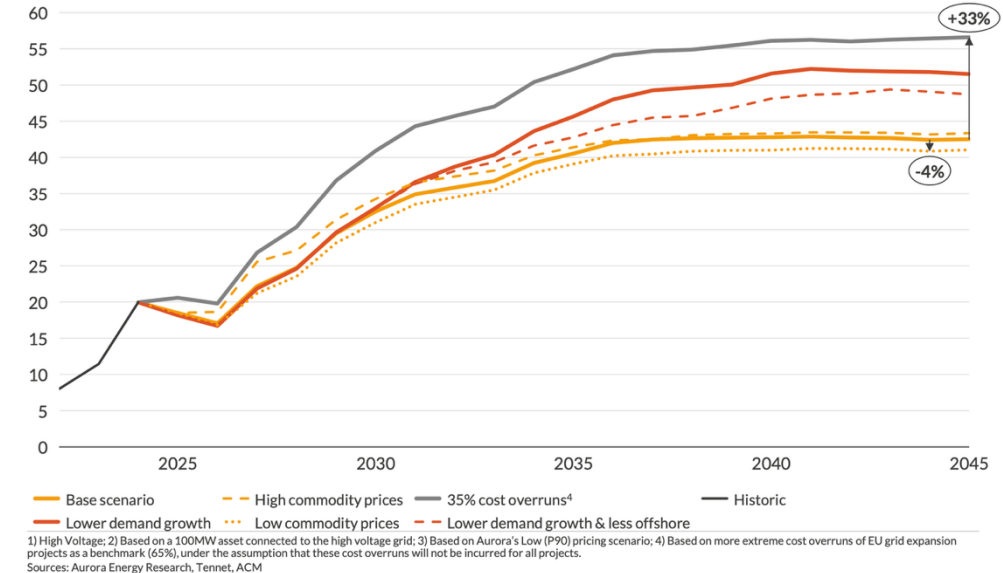
- This year we will announce our first site in The Netherlands
 - Site one of three
- We have a new pro-nuclear government
 - “:We are strengthening the nuclear cluster in the Netherlands, accelerating the SMR program, and supporting maritime nuclear innovations. With the available budget from the Climate Fund and in collaboration with market players, we are continuing to build at least four new nuclear power plants. These can be conventional or modular reactors (SMRs). We are working on this together with regional governments and industrial clusters.”

Problems we are facing

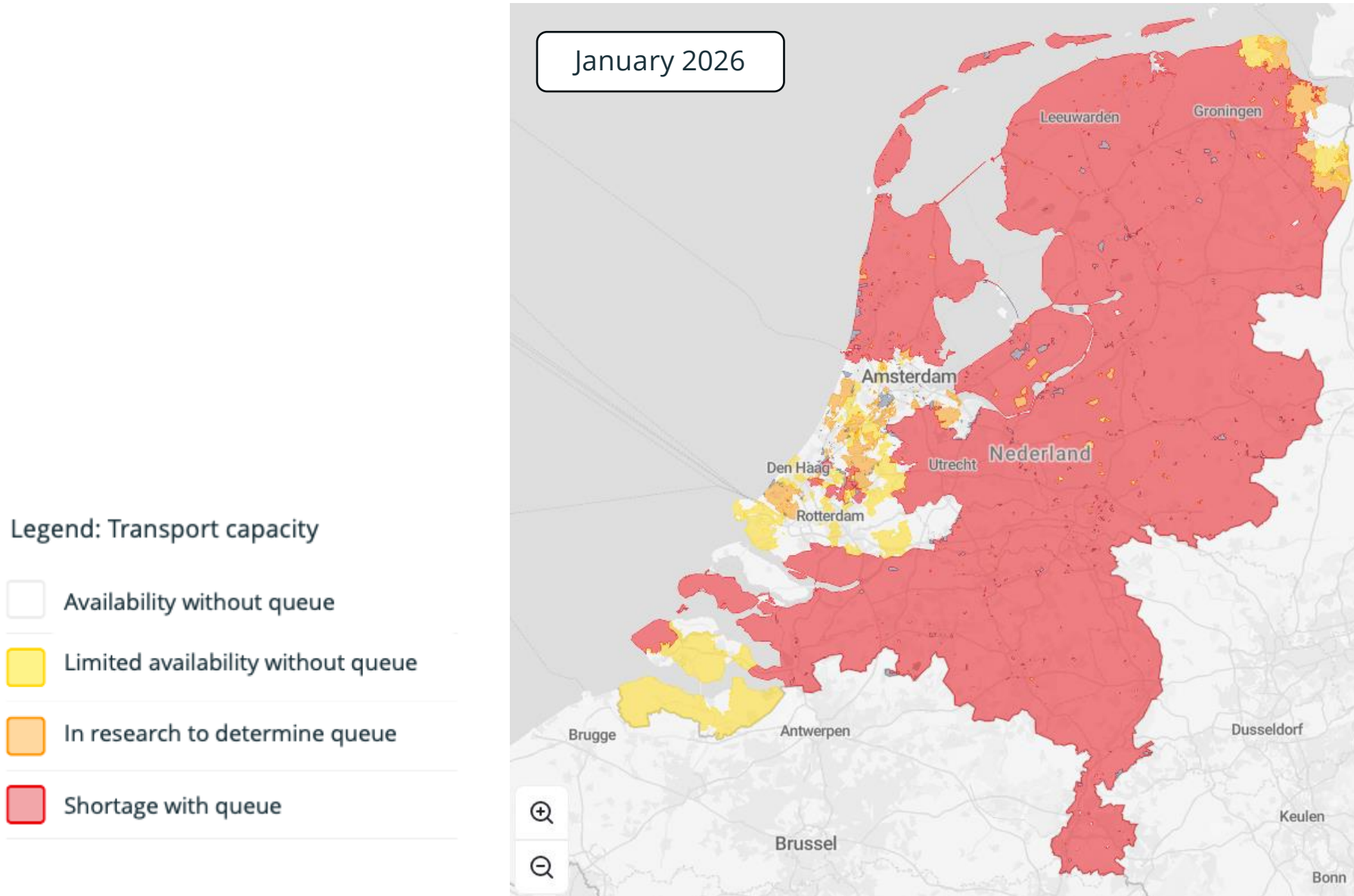
- Energy & CO2-emission costs
- Rising demand for clean energy:
 - You cannot run a fulltime economy on parttime energy sources
 - Revenues of business are power limited
- Grid infrastructure:
 - Current assets are not sufficient
 - Costs are rising
- Dependence on energy imports



Annual HV¹ grid fee projection & sensitivities, based on a baseload 8000 flh² offtake profile
€/MWh, real 2023

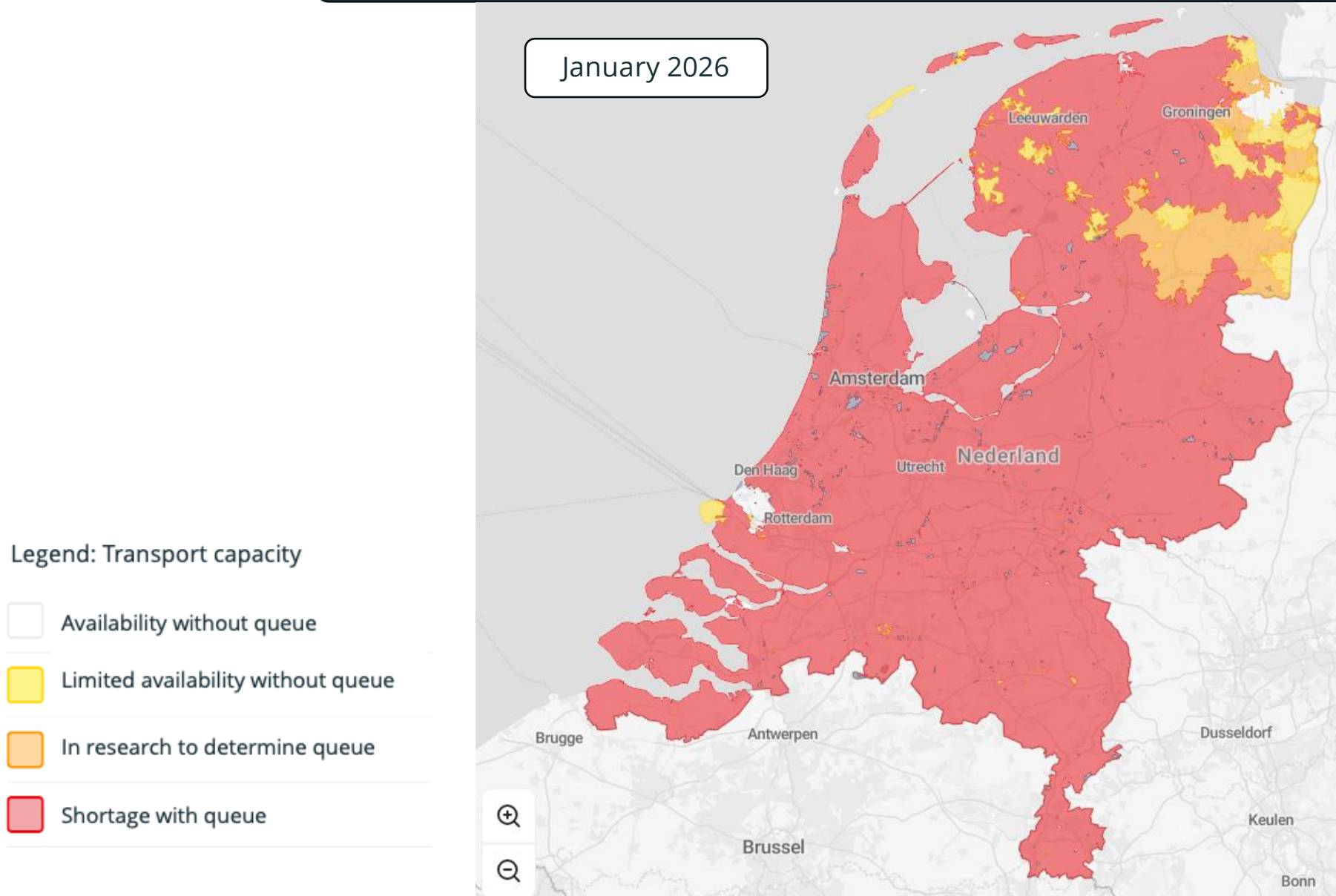


Problem: Grid capacity currently in The Netherlands - Supply



We need to build behind the meter

Problem: Grid capacity currently in The Netherlands - Demand



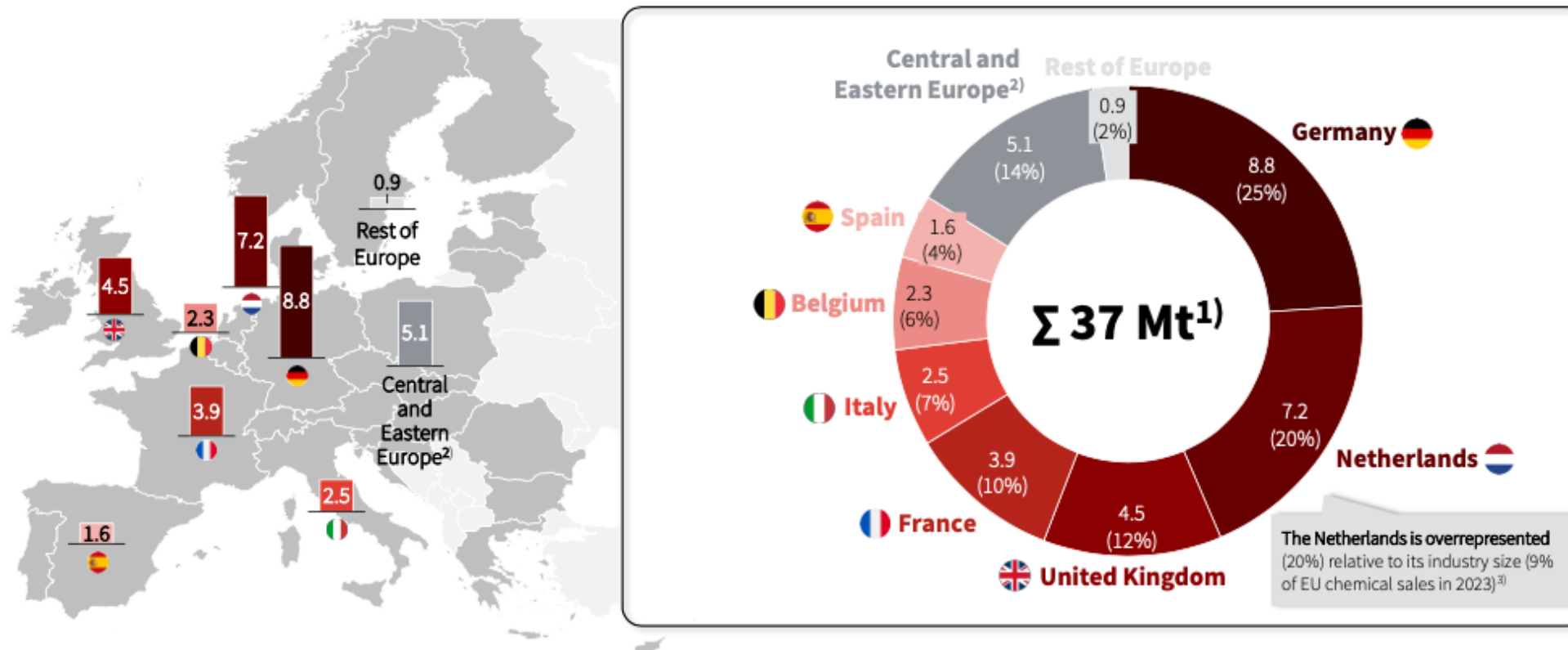
We need to build behind the meter

Problems we are facing

- With all the wind and solar we added, security of supply has not increased over the past decades.
 - Bottom line prices have gone up
 - Bureaucracy increased
 - Power quality is going down
- We need innovation. We need to scale production of new goods and services to keep up in the world. We need to have confidence in our futures. To see new possibilities and to be able to build them. But with high energy prices and reliability issues we will not be able to get things off the ground.
- The way it is going, we are actually moving into a worse situation, not a better one.
- We need to turn things around.

While closures are announced across Europe, Germany and the Netherlands account for ~45% of the capacity announced for closure

Overview of announced closures by country, 2022-25YTD [Mt]



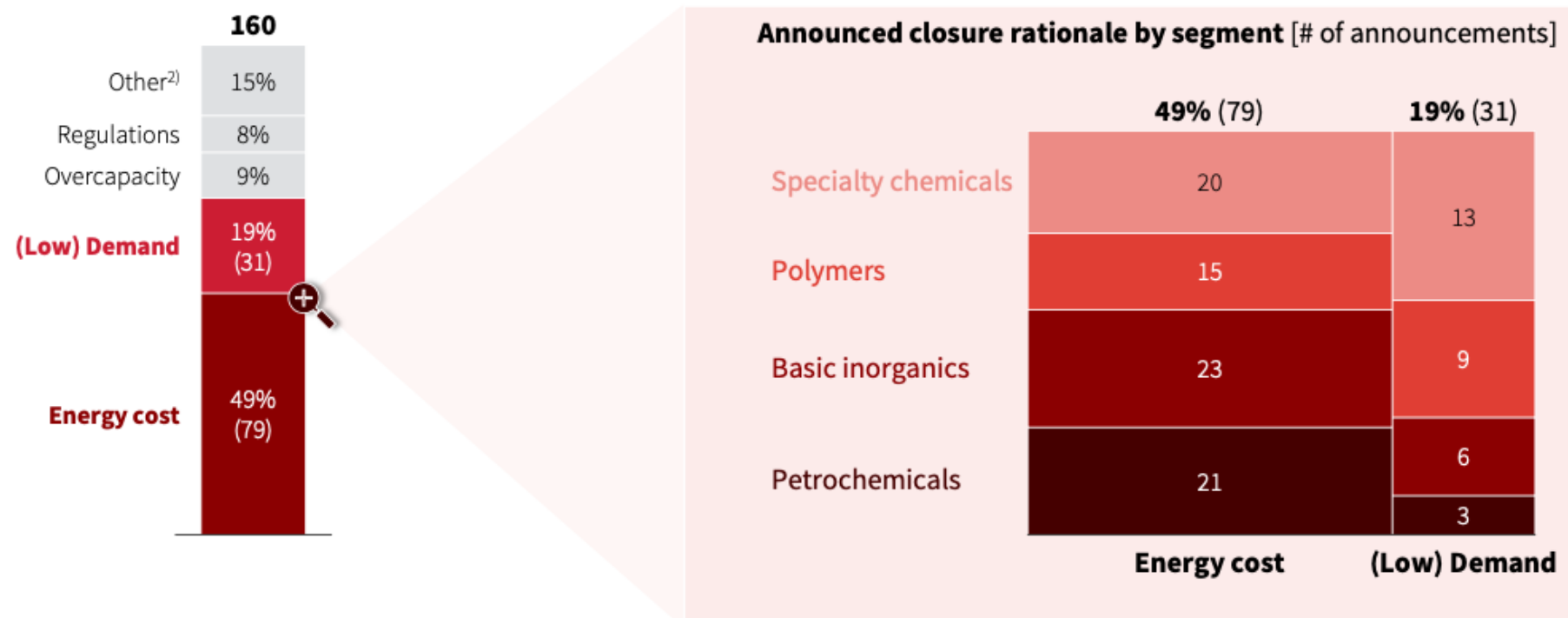
1) 32 Mt when considering EU27; 2) Includes announcements in Croatia, Czech Republic, Estonia, Hungary, Lithuania, Poland, Romania, Slovakia; 3) Sales figures from Cefic Chemical Trends Report

Source: Roland Berger European Chemical Industry Closure and Investment Database

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Lack of energy cost competitiveness is the dominant closure rationale, cited in 49% of announcements, a pattern consistent across all segments

Announced closure rationale by segment¹⁾, 2022-25YTD [# of announcements]



1) Based on the rationale for closure as mentioned in public announcements, if multiple reasons were given, the primary reason was selected; 2) Includes feedstock costs and strategic decisions

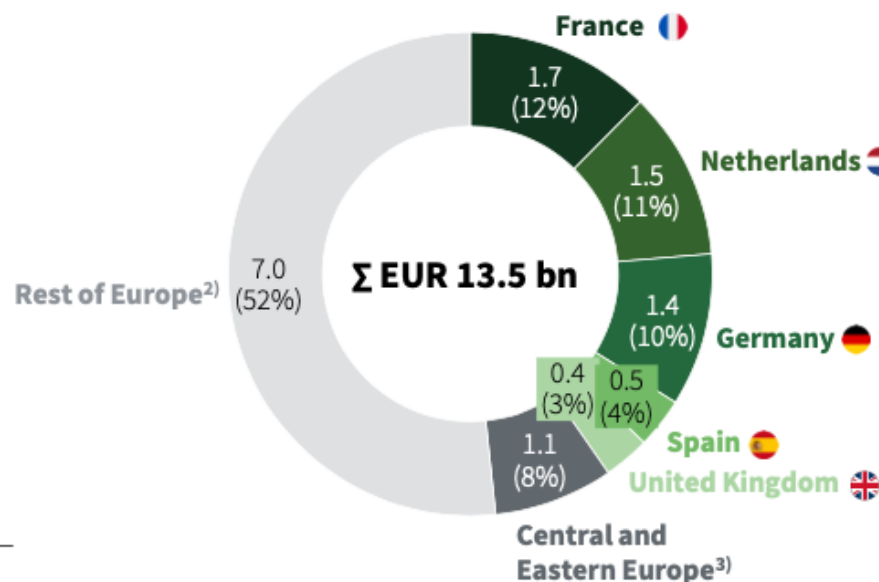
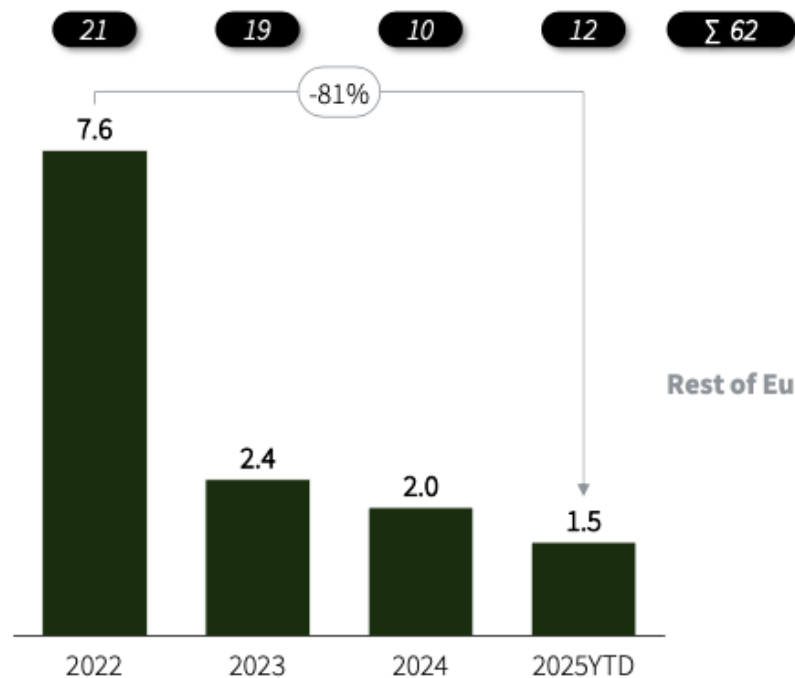
Source: Roland Berger European Chemical Industry Closure and Investment Database

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B Announced investments in chemical plants in Europe

The total confirmed investment CAPEX has decreased by 81%, from EUR 7.6 bn in 2022 to EUR 1.5 bn in 2025YTD

Confirmed investment CAPEX¹⁾, 2022-25YTD [EUR bn]



Insights

- Despite having the Europe's largest chemical industry with 33% of chemical sales, **Germany** ranks below the **Netherlands** (9% of chemical sales) and **France** (14% of chemical sales)⁴⁾ in total confirmed investment CAPEX

xx Number of confirmed investments with CAPEX known

1) Project CAPEX as cited in confirmed project announcements, excludes maintenance and preservation CAPEX; 2) Includes confirmed announcements in Austria, Belgium, Finland, Italy, Norway, Portugal, Switzerland; 3) Includes confirmed announcements in Czech Republic, Estonia, Poland, Romania, Slovakia and Hungary; 4) Sales figures from Cefic Chemical Trends Report

Source: Cefic, Roland Berger European Chemical Industry Closure and Investment Database

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We really need to make it happen now!



Make it happen

Orange Hills Energy

