Swedish Energy Day Geopolitics and fundamentals - the key energy price drivers for 2024 and 2025

29th May 2024

What we do

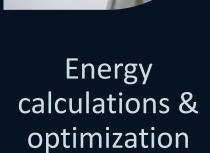


Market

changes &

energy

strategies





Project design &

Environmental permits



Computer analysis & management



Construction & building development



Where we are



Stockholm



Göteborg



Västerås

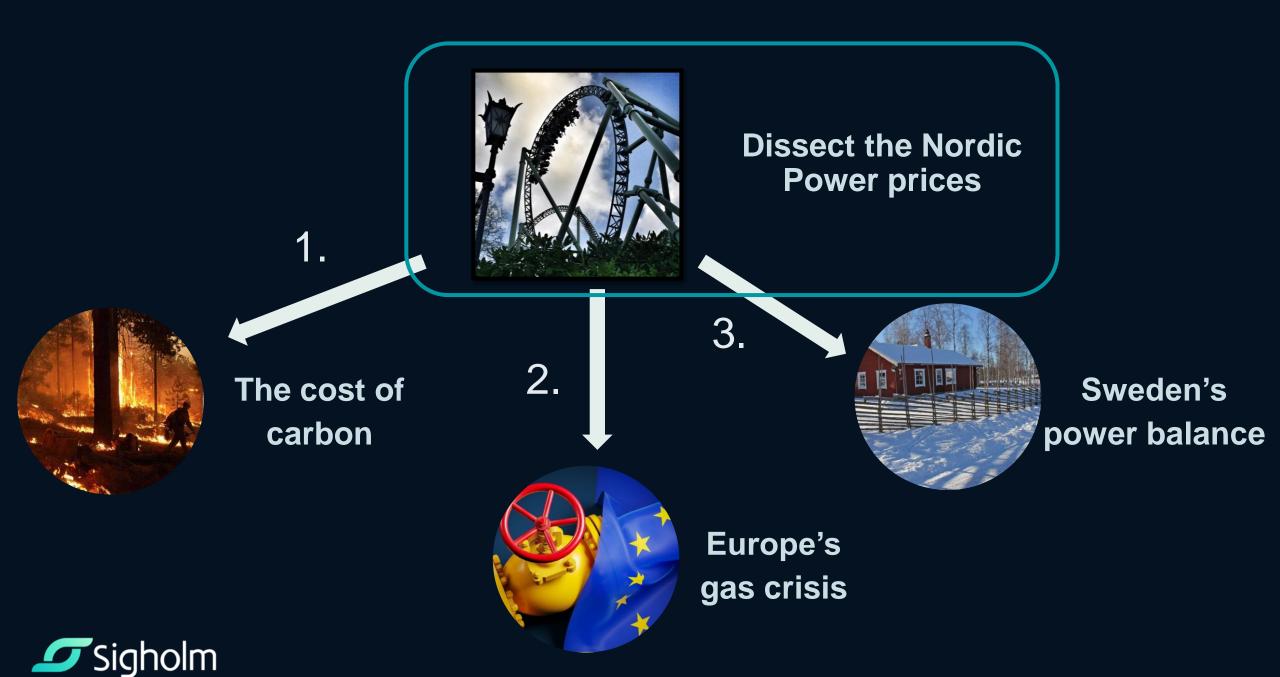


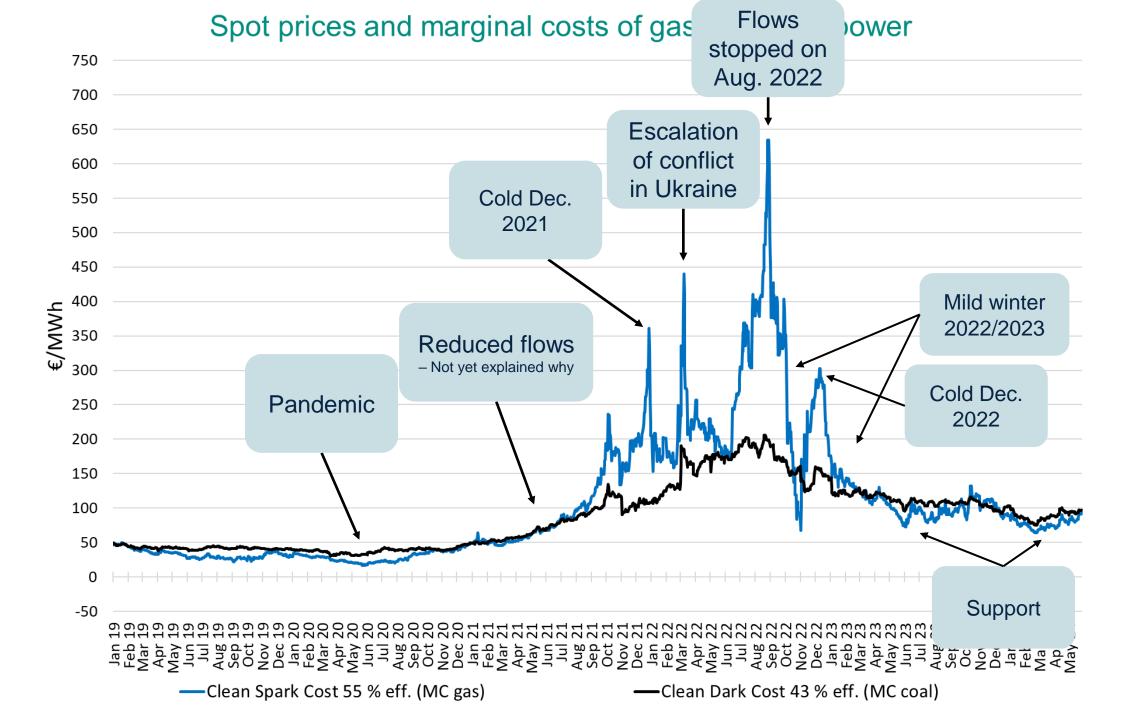
Luleå

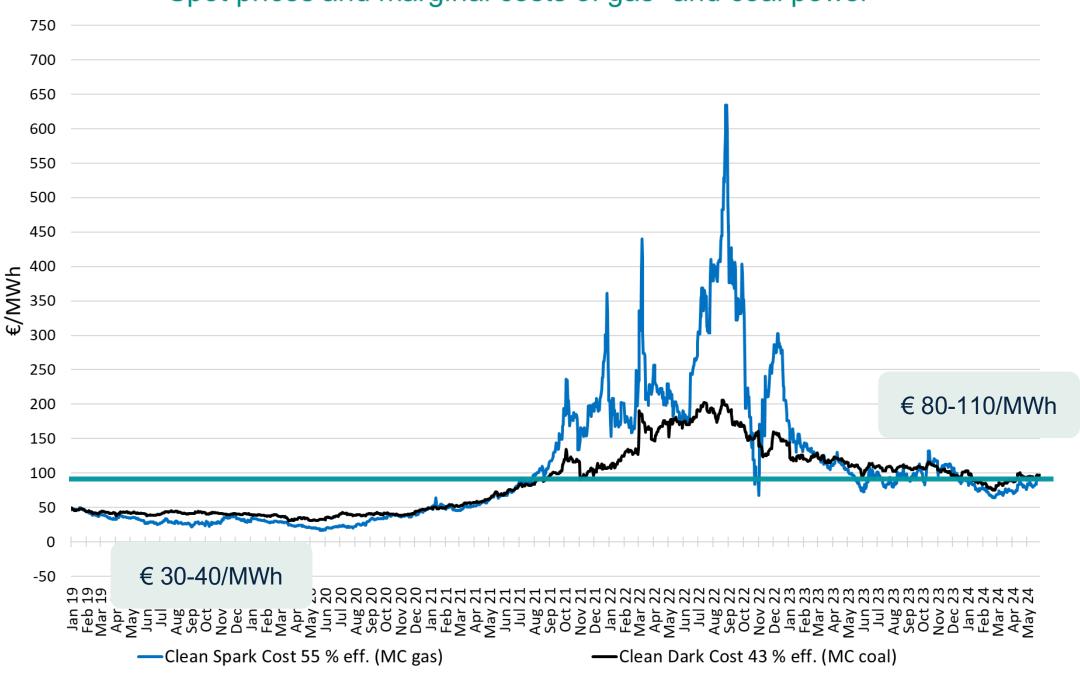


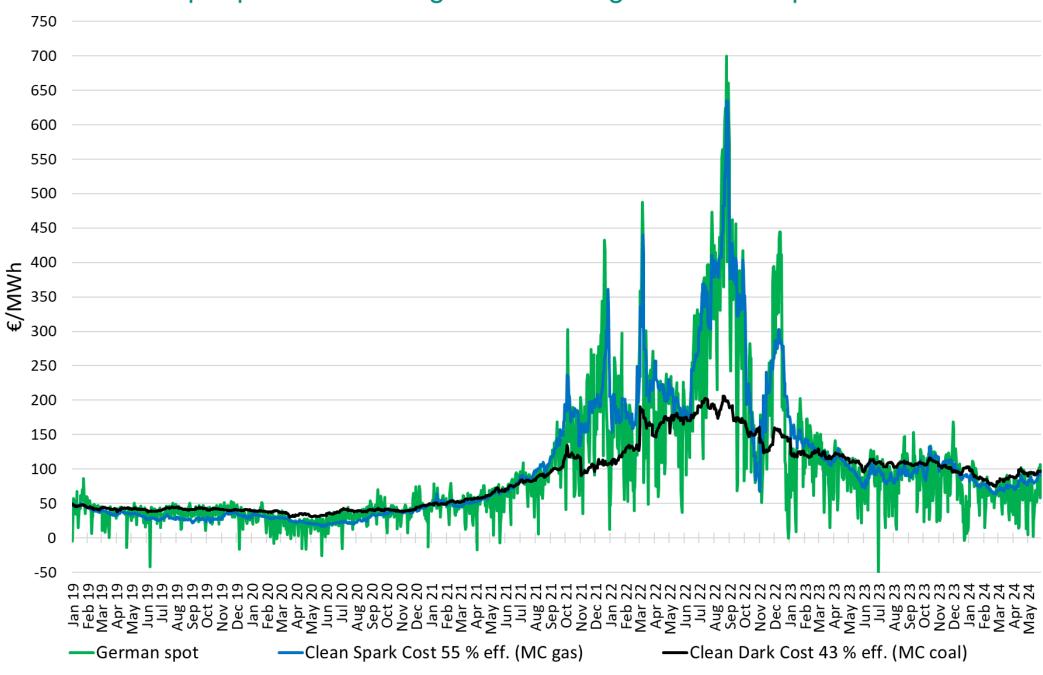
Flexible

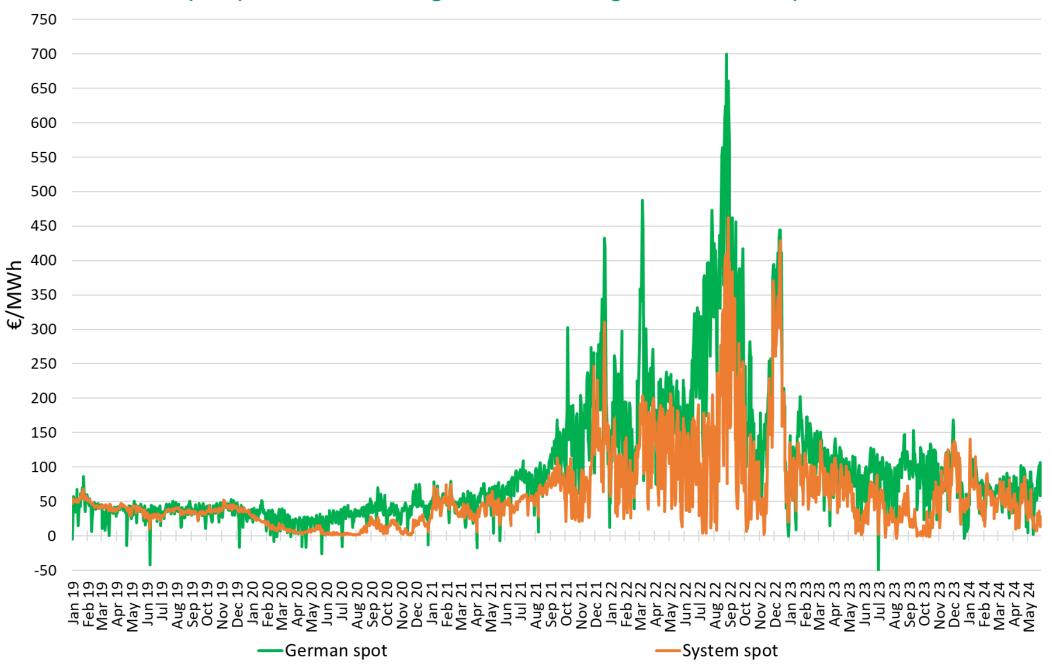


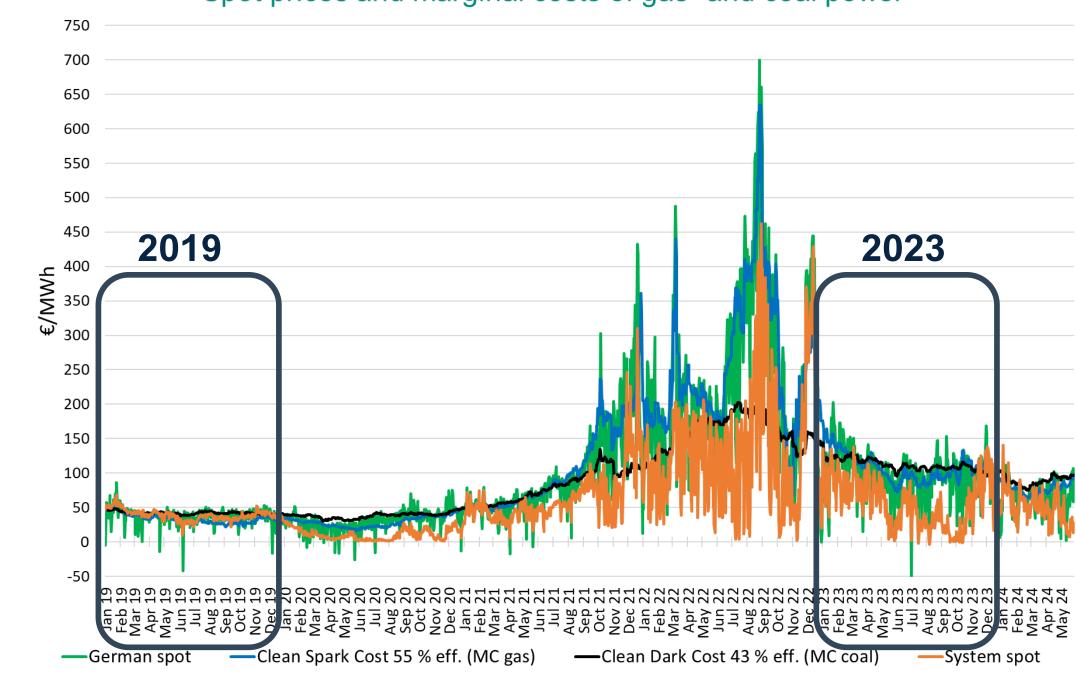


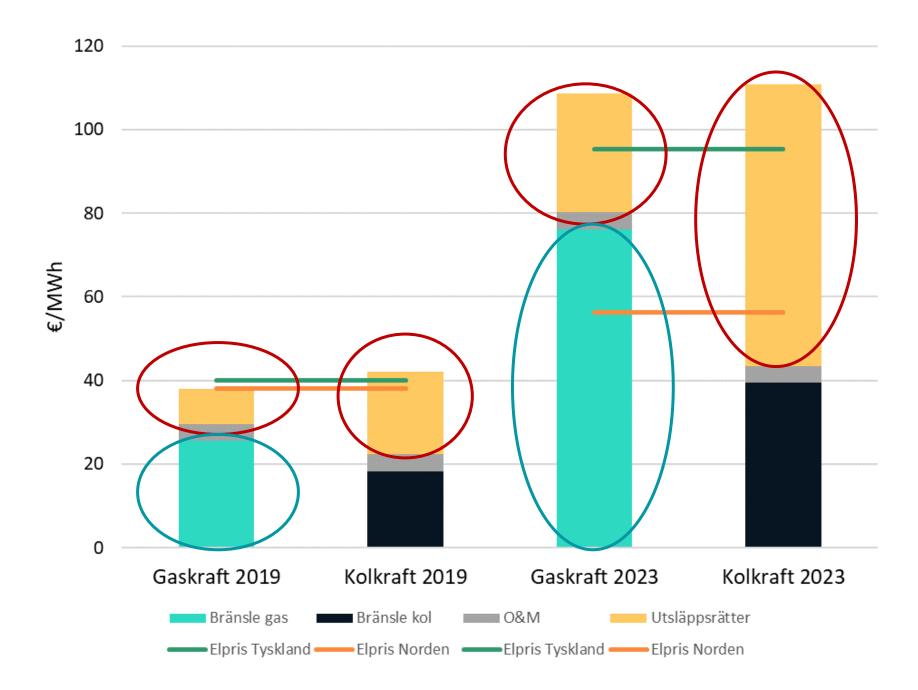
















Dissecting the Nordic Power prices

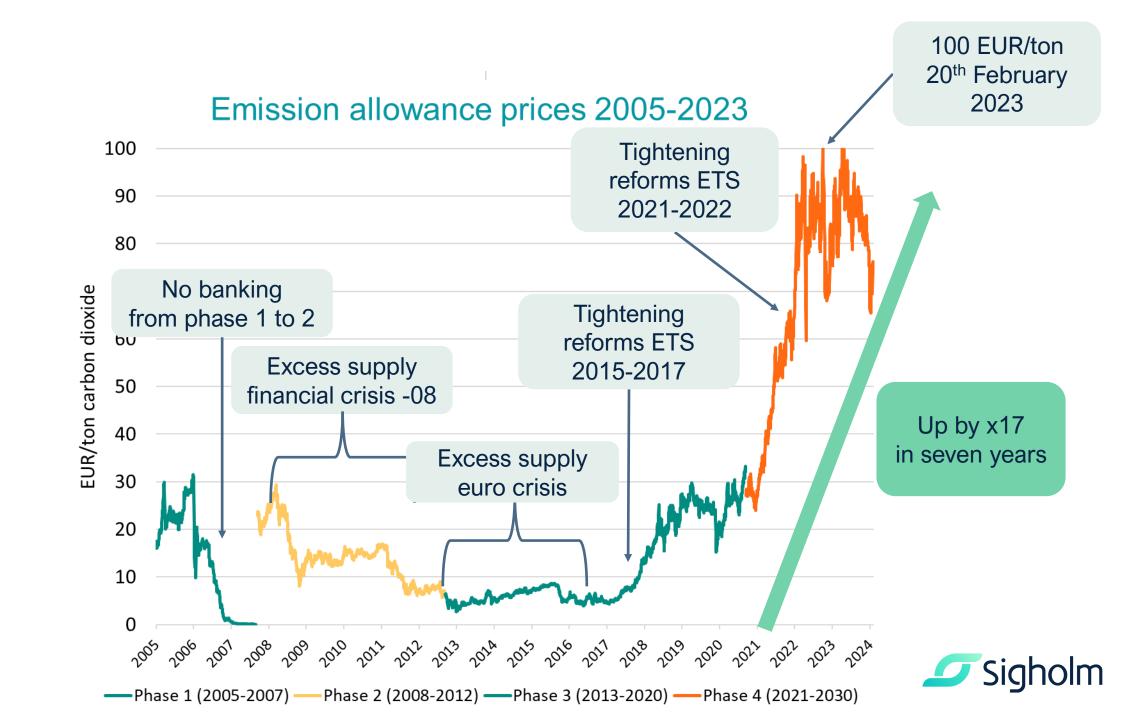
2.

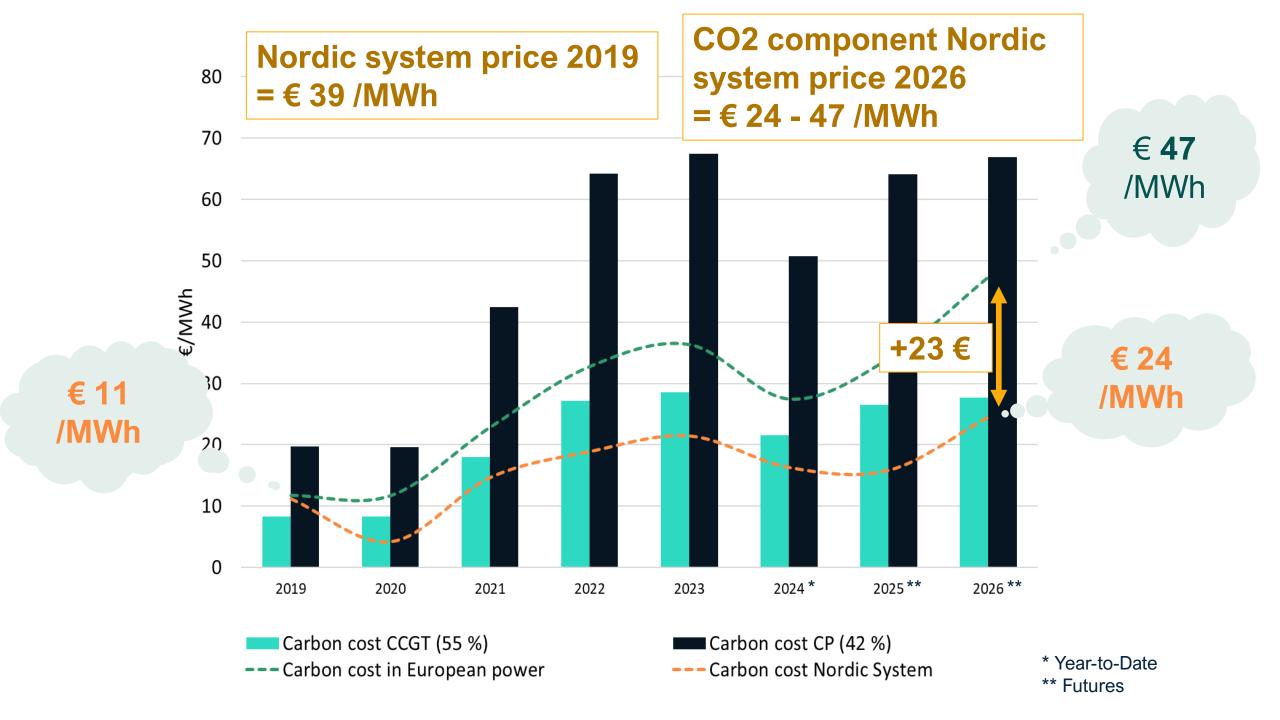


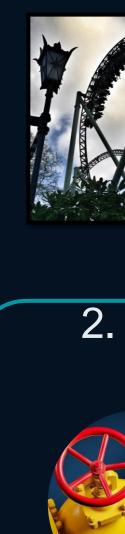


Europe's gas crisis









The cost of

carbon

Dissecting the Nordic Power prices

3.



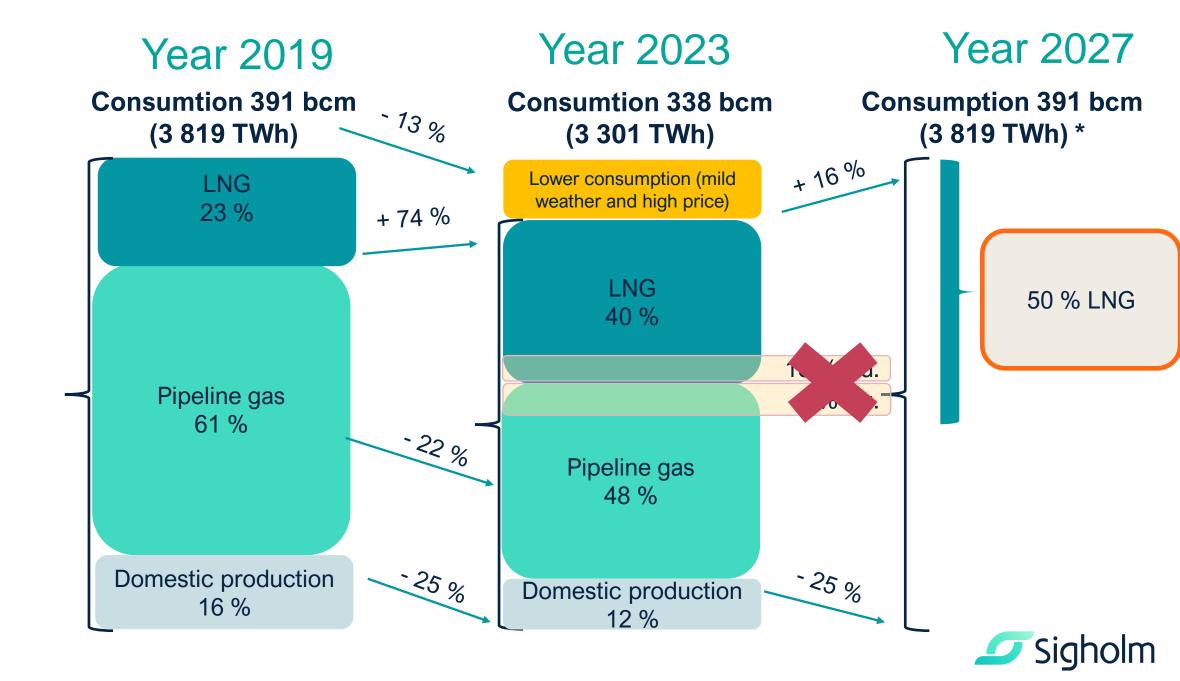
Sweden's power balance



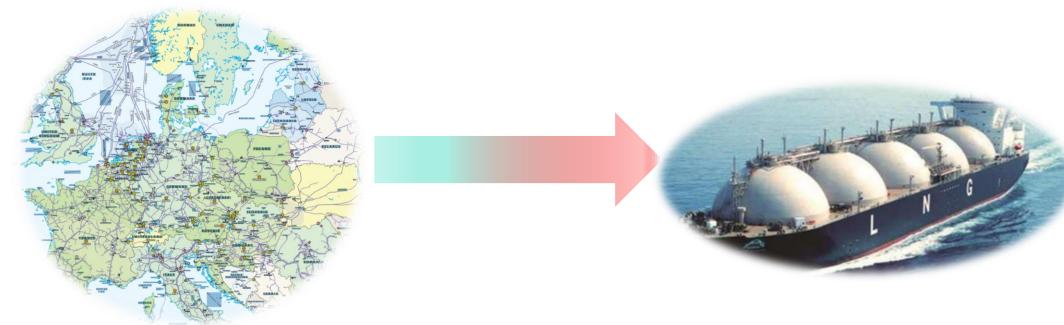
Europe's gas crisis





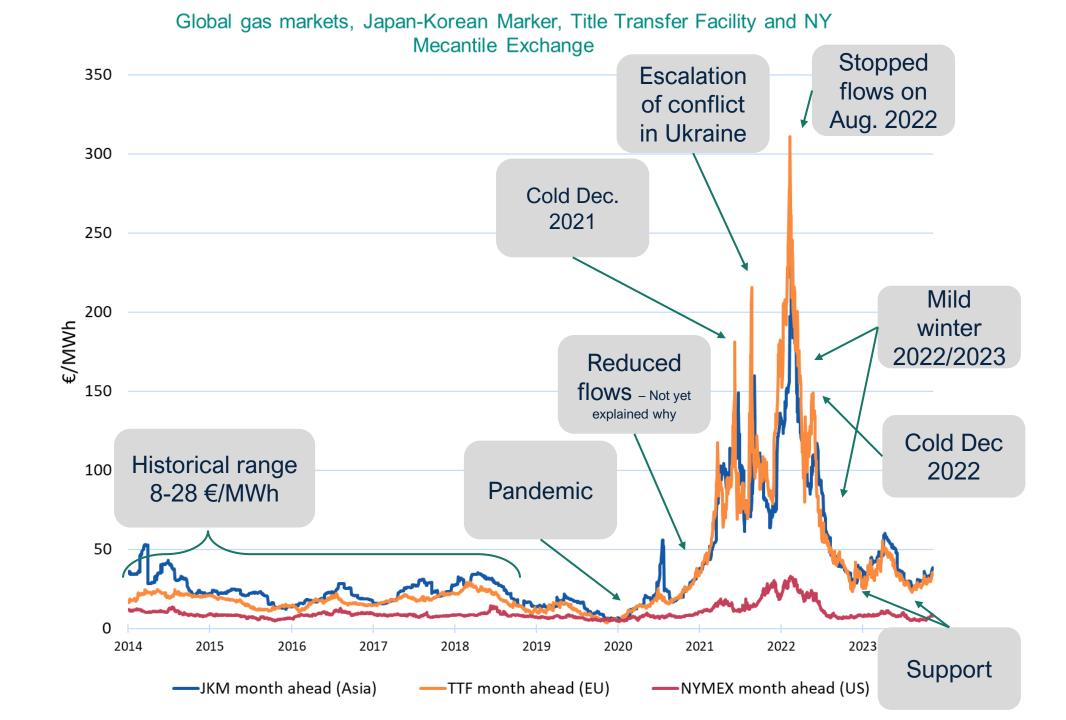


What is the impact of shifting pipeline to LNG?



- Long contracts (25-30 years) with "secure", signed volumes only for Europe.
- European companies underwriting the contracts.
- Foremost one source (Russia) with large reserves and extensive infrastructure.
- Delivery A to B with "our" price.

- Short purchases (spot) of volumes originally intended for somebody else.
- China's and other buyers' contracts We purchase on the second-hand market.
- A mosaic of import sources including Russia!
- Bids on a global market. Geopolitics.







2.



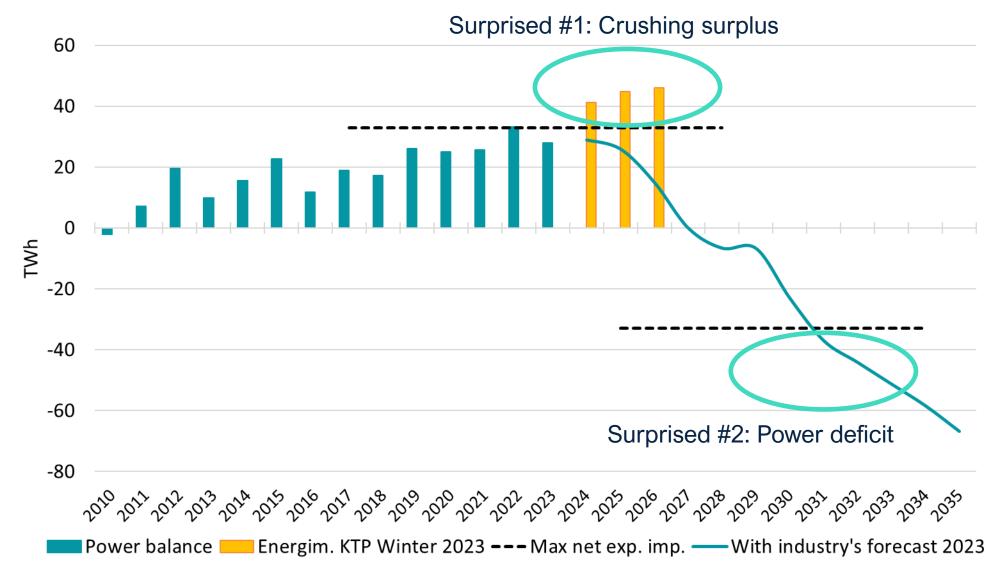
Dissecting the Nordic Power prices



Europe's gas crisis



Sweden's power balance



But the industries' plans are behind schedule.

8/10 electrification projects in North Sweden delayed.

The surplus is increasing.
In the next years, too large for exports

= at times very low prices.

Now:

Too much power.

In 8 years:

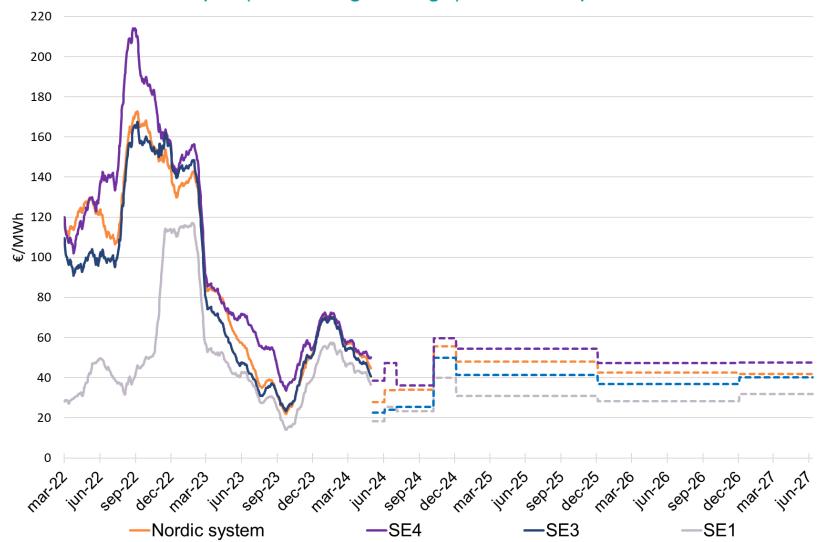
Not enough power for the industry.

"Whiplash effect"



Also seen in future pricing







The cost of carbon



Emissions cause damages.

Therefore, we have put a price on emissions.

This price has increased up to x 17 in seven years.

Climate targets not reached.

Europe's gas crisis



When is the crisis over?

"When Russia is a democracy or Europe has found other energy sources."

Alternatively

"Europe's gas fields suddenly refill"

Sweden's power balance



Sweden has a growing power surplus.

Consumption plans are delayed.

Short term: The surplus is crushing and might discourage new and existing generation.

Within the decade: The plan is still that consumption will increase and we soon will have a deficit.



Question to discuss



Power production 14:00-15:00

Delivery period (CET)	SE3 (EUR)	SE4 (EUR)
00:00 - 01:00	2,69	2,69
01:00 - 02:00	2,48	2,48
02:00 - 03:00	2,60	2,60
03:00 - 04:00	2,85	2,85
04:00 - 05:00	2,85	2,85
05:00 - 06:00	2,91	2,91
06:00 - 07:00	3,57	3,57
07:00 - 08:00	3,17	3,17
08:00 - 09:00	5,05	5,05
09:00 - 10:00	2,91	2,91
10:00 - 11:00	-0,03	-0,03
11:00 - 12:00	-0,18	-0,18
12:00 - 13:00	-2,06	-2,06
13:00 - 14:00	-7,41	-7,41
14:00 - 15:00	-15,07	-15,07
15:00 - 16:00	-10,00	-10,00
16:00 - 17:00	-3,79	-3,79
17:00 - 18:00	-0,06	-0,06
18:00 - 19:00	27,48	62,63
19:00 - 20:00	27,73	87,44
20:00 - 21:00	29,47	110,93
21:00 - 22:00	27,90	119,91
22:00 - 23:00	26,88	99,48
23:00 - 00:00	4,90	84,08
Min: Max:	- 15,07 29,47	- 15,07 119,91
Average:	5,70	23,21

Nuclear 3 692 MW

00:00

02:00

04:00

06:00

Wind power 3 317 MW

Data for 2024-05-19 From Statnet Combined Heat Power (CHP)

12:00

14:00

857_{MW}

08:00

10:00

Total production

13 302 мw

Unspecified

18:00

16:00

412_{MW}

Total consumption

20:00

22:00

9 797_{MW}

Thank you!



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