



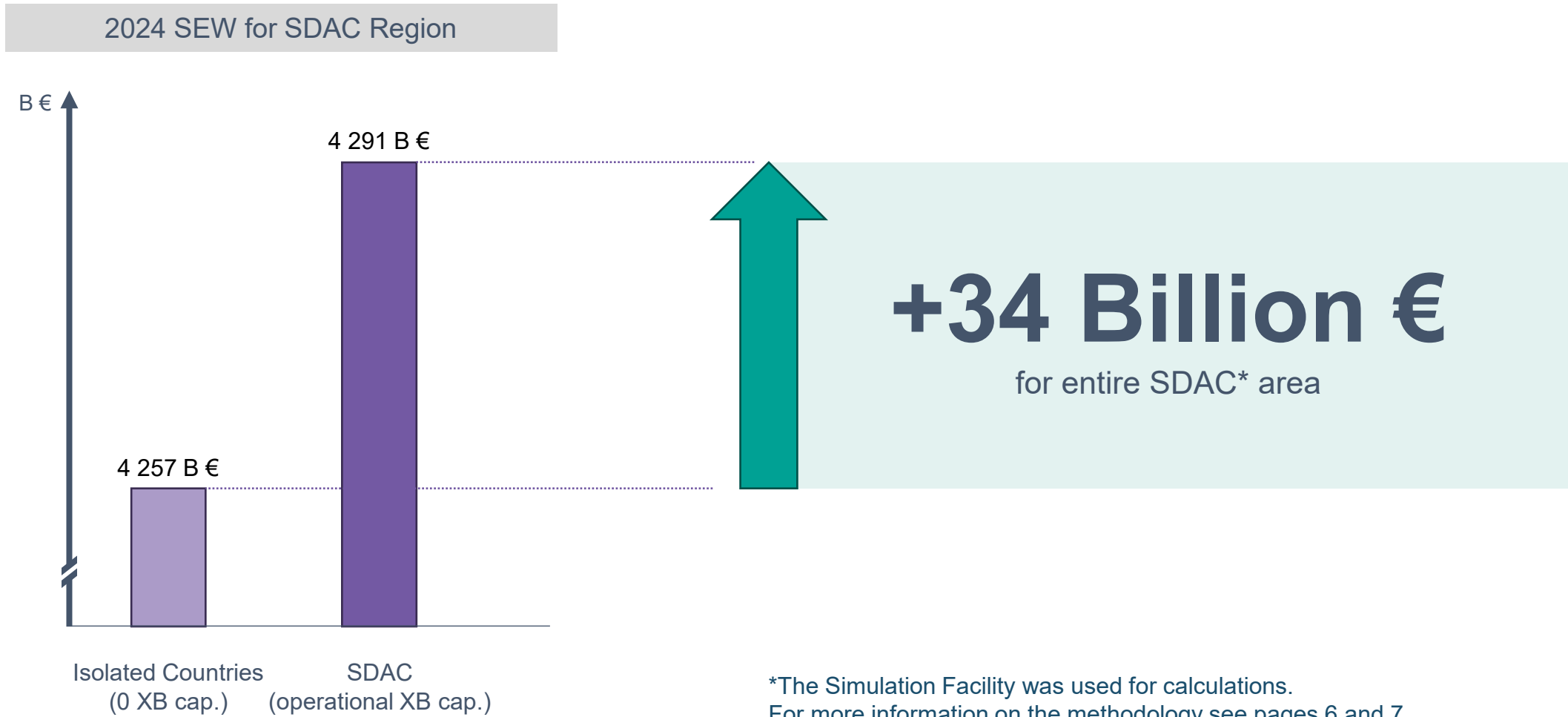
TSOs Interconnect Markets: Benefits of SDAC Market Coupling in 2024

29/01/2025

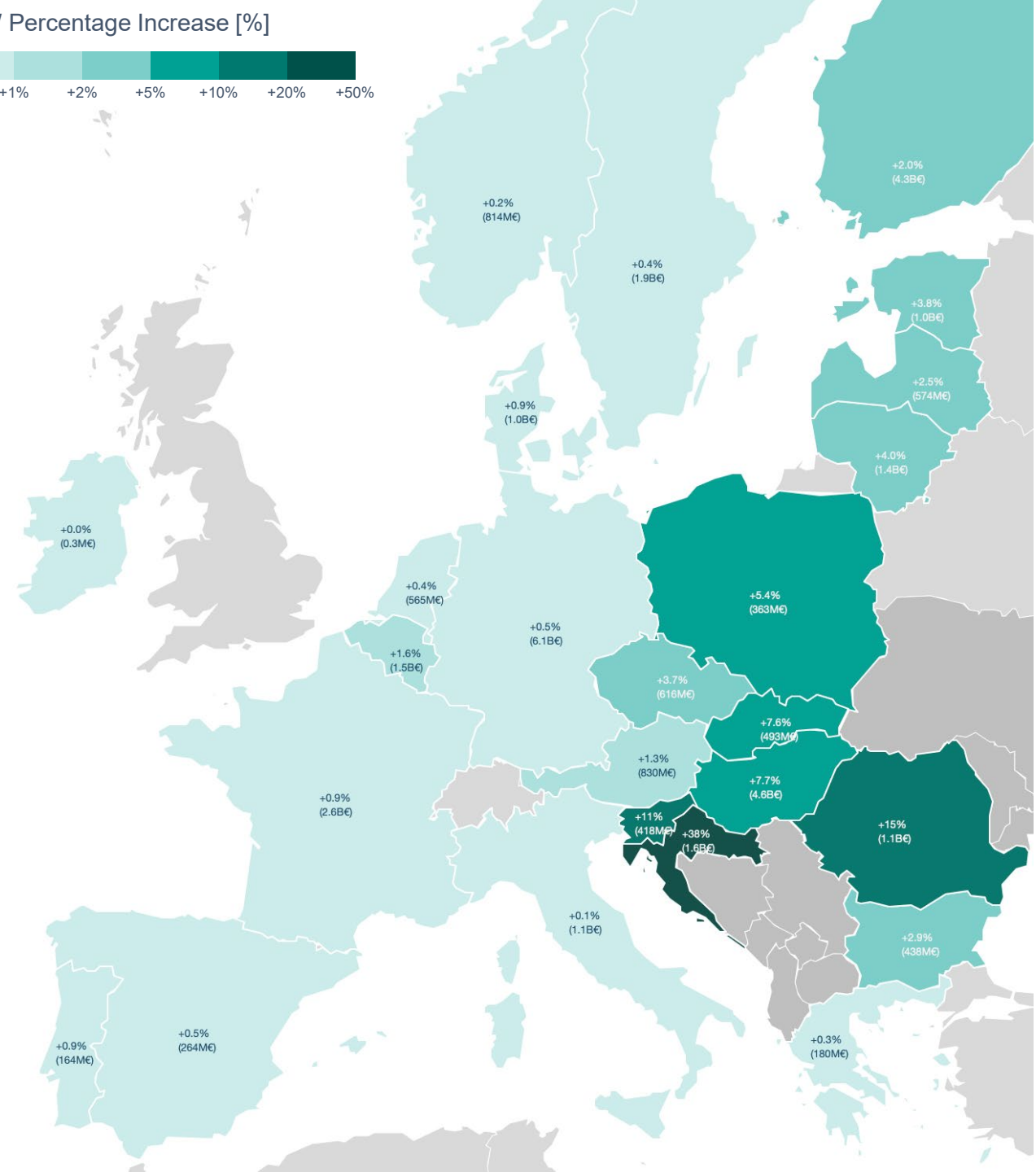
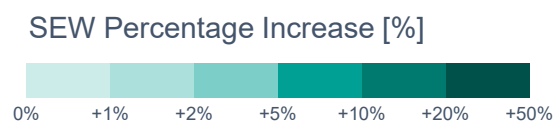




The Socio-Economic Welfare (SEW) Gain Thanks to SDAC Market Coupling in 2024 Was ...

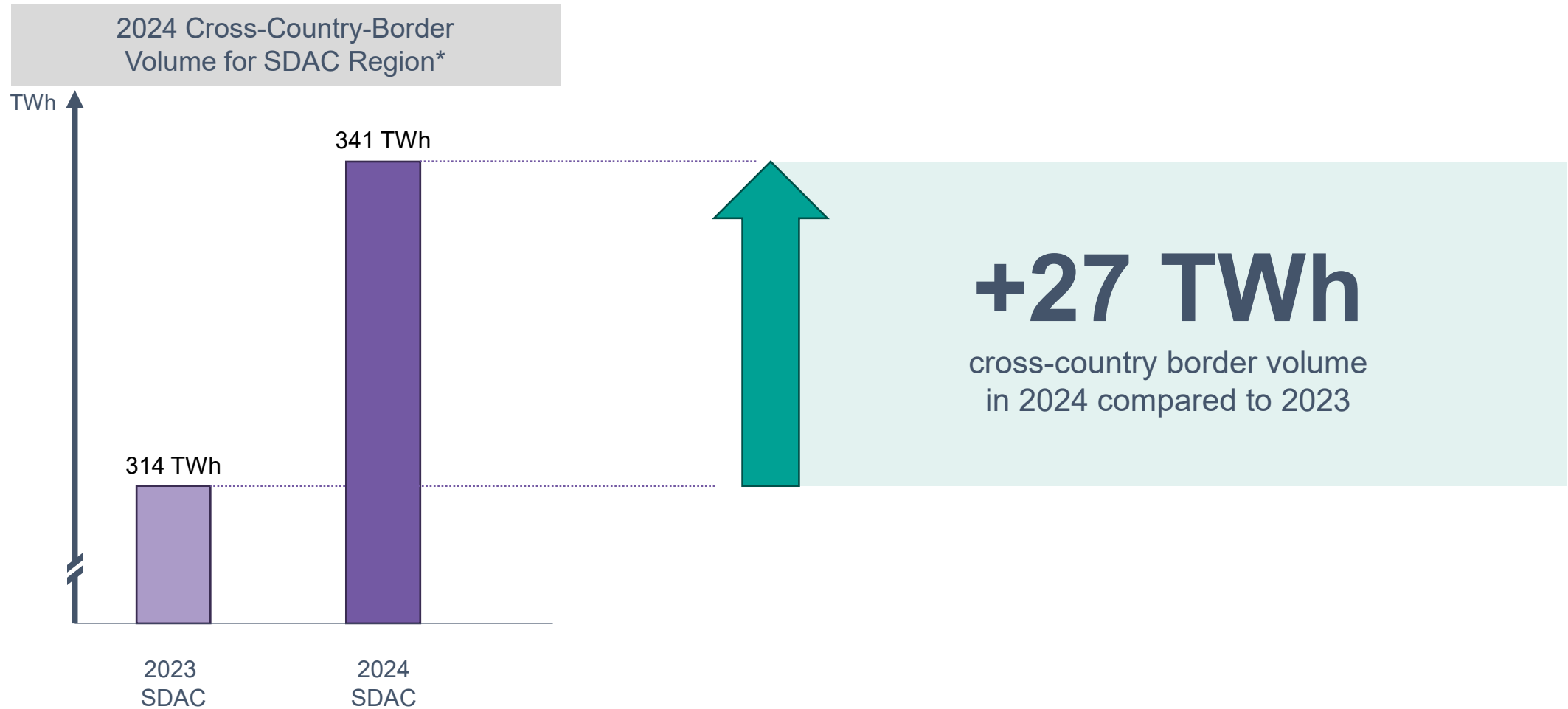


Relative Socio-Economic Welfare Gain per Member State





The Increase in Cross-Country Border Volume in 2024 Compared to 2023 Was ...



* Only flows between different member states are counted.
Flows within a member state, but between bidding zones (e.g., Italy, Norway, Sweden), are not counted.
Neither are flows towards non-SDAC member states (e.g., Spain-Morocco, Italy-Montenegro, etc.).

APPENDIX on the Methodology

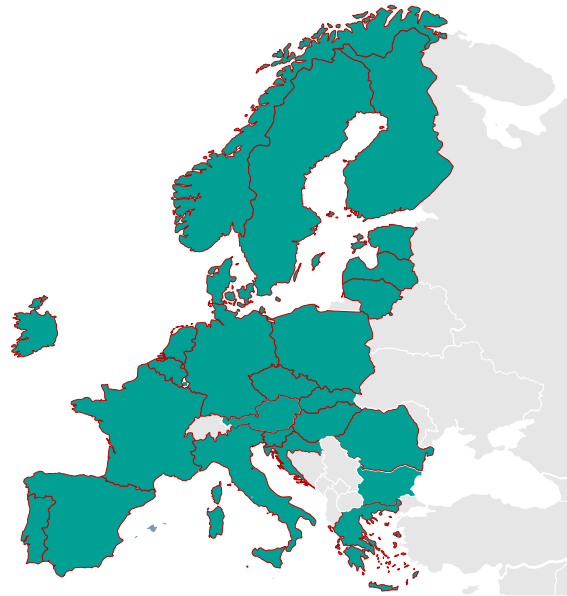


Assessing the Benefit of Cross-Border Market Coupling with Simulation Facility

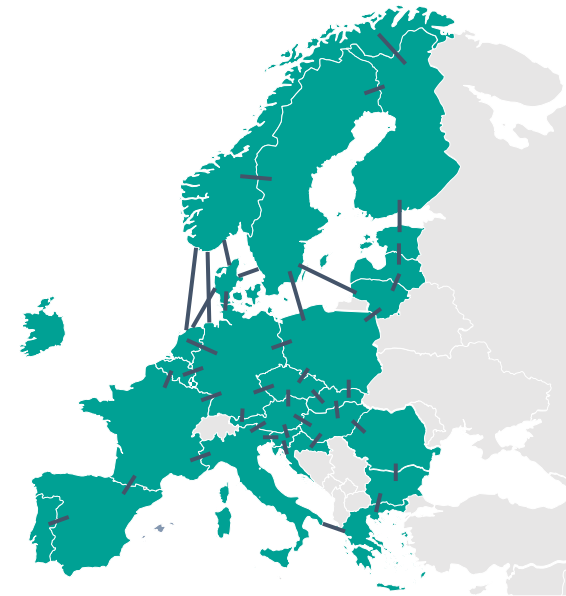
Isolated Countries

vs.

Operational Topology



No XB capacity*



Operational SDAC XB
capacity**

* Only links between different member states are removed. Countries that have multiple bidding zones (e.g., SE, NO, IT) retain their internal links.

** The visualization is indicative only and does not show actual locations / count of links per country border.
For countries that have multiple links (e.g., DK-DE, NO-SE, etc.), only one link is visualized.



Footnotes

- The Simulation Facility (SF) was used for the calculations, which uses operational market and grid data as well as the most recent algorithm version.
- For the isolated case simulations: XB capacity between member states is removed, i.e., set to 0, in the simulations.
Capacities between BZs within a member state (e.g., Italy, Norway, Sweden) are kept as in operations.
Capacities from member states towards virtual hubs / non-member state exchanges (e.g., Spain-Morocco, Italy-Montenegro, etc.) are also kept as in operations.
- Overall data taken into account from 01.01.2024 – 31.12.2024.
 - 26.06.2024 is not considered due to the decoupling event.