



**Baltic
InteGrid**
Integrated Baltic Offshore
Wind Electricity Grid Development

GoA 3.2: Offshore Wind Development in the Baltic Sea Region up to 2030

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**DEUTSCHE
WINDGUARD**

IKEM



Interreg
Baltic Sea Region



EUROPEAN
REGIONAL
DEVELOPMENT
FUND

November 29th 2017
Side Event at WindEurope Conference

Scenario Building

- Scenario Building / Methodology and Aim
- Status Quo Offshore Wind Energy Development in the Baltic Sea
- Scenarios up to 2030
- Conclusion

Scenario Building

Aim

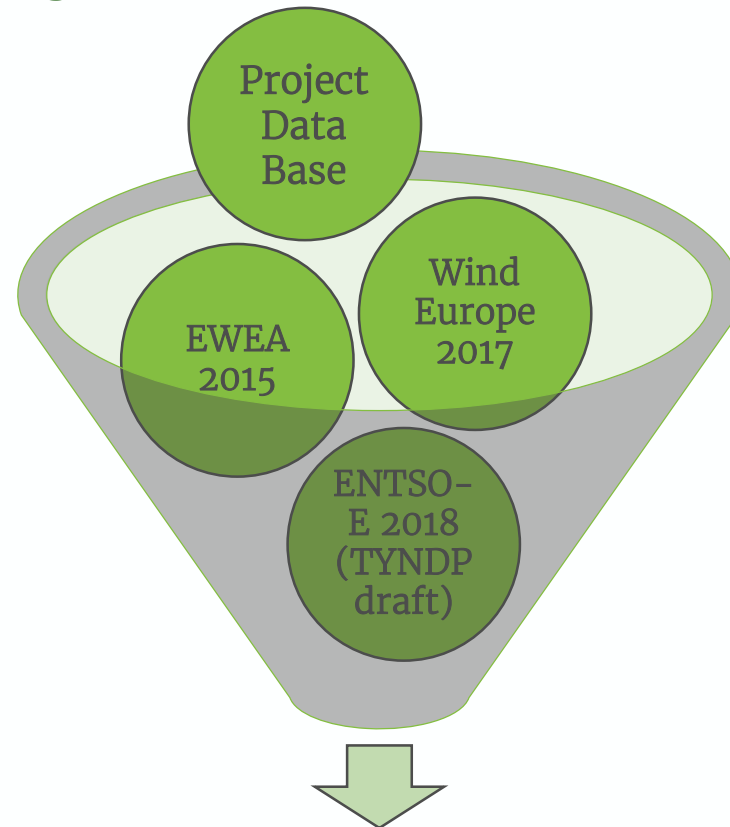
- Scenarios for offshore wind development in baltic countries up to 2030
 - Calculation of market potential (e.g. grid components)
 - Vision for a “Baltic Offshore Grid” (BOG)
- Estimation of an “high” and “low” scenario

Scenario Building

Methodology

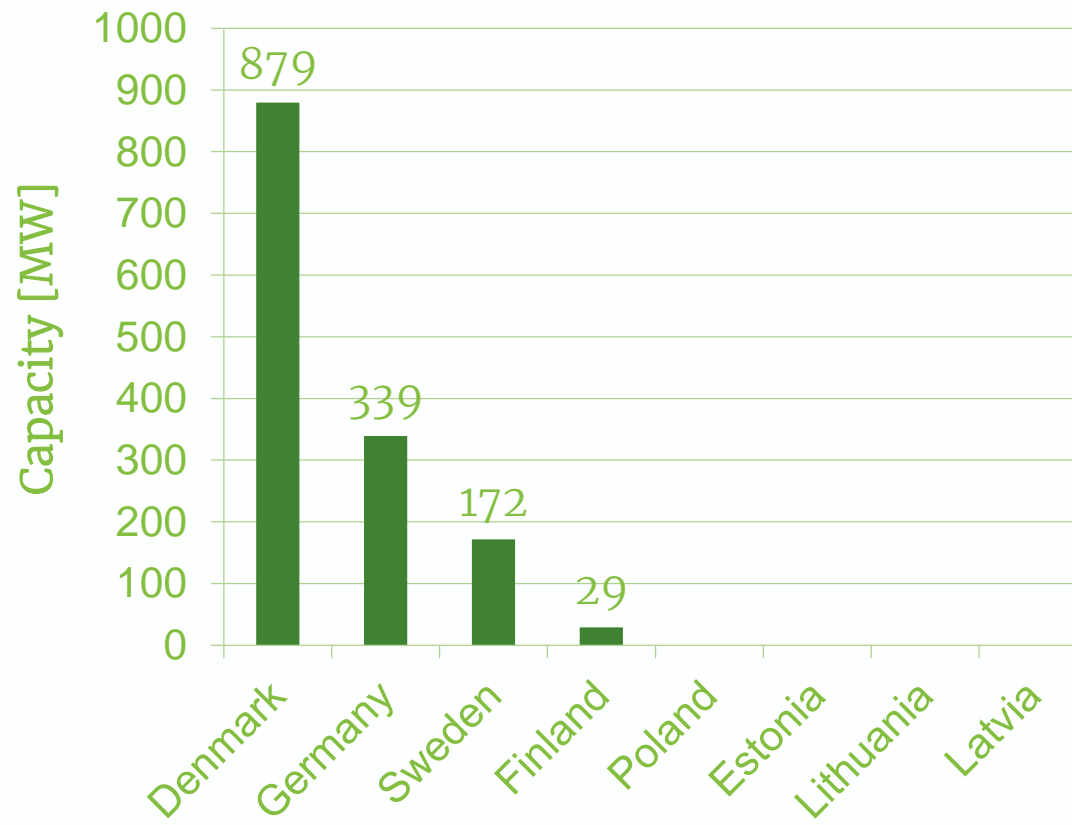
- Building up on existing data and scenarios of superior actors (WindEurope / ENTSO-E TYNDP 2018-draft)
- Analysis of offshore wind farm data base (Baltic InteGrid)
- Additional desk top research with regard to:
 - other data bases (4C Offshore, Global Data)
 - specific projects, if necessary
- Development of appropriate assumptions for each country based on the gained information

Scenario Building



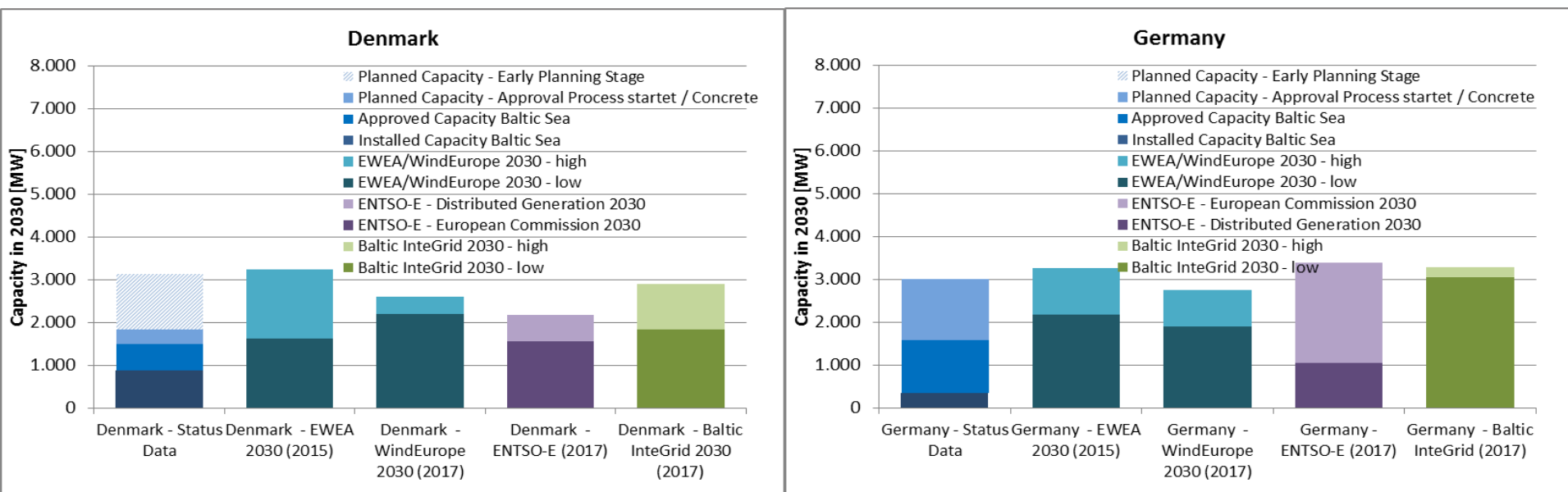
Baltic InteGrid 2030 Scenarios

Status Quo Baltic Sea

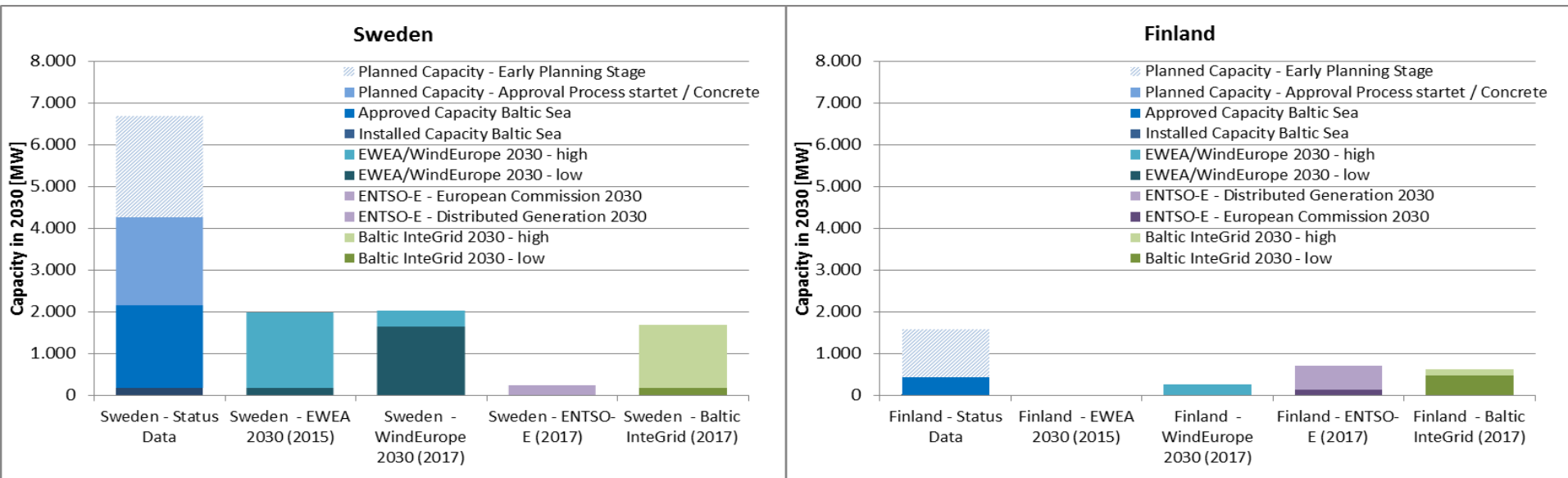


Based on the status data from 30.06.2017

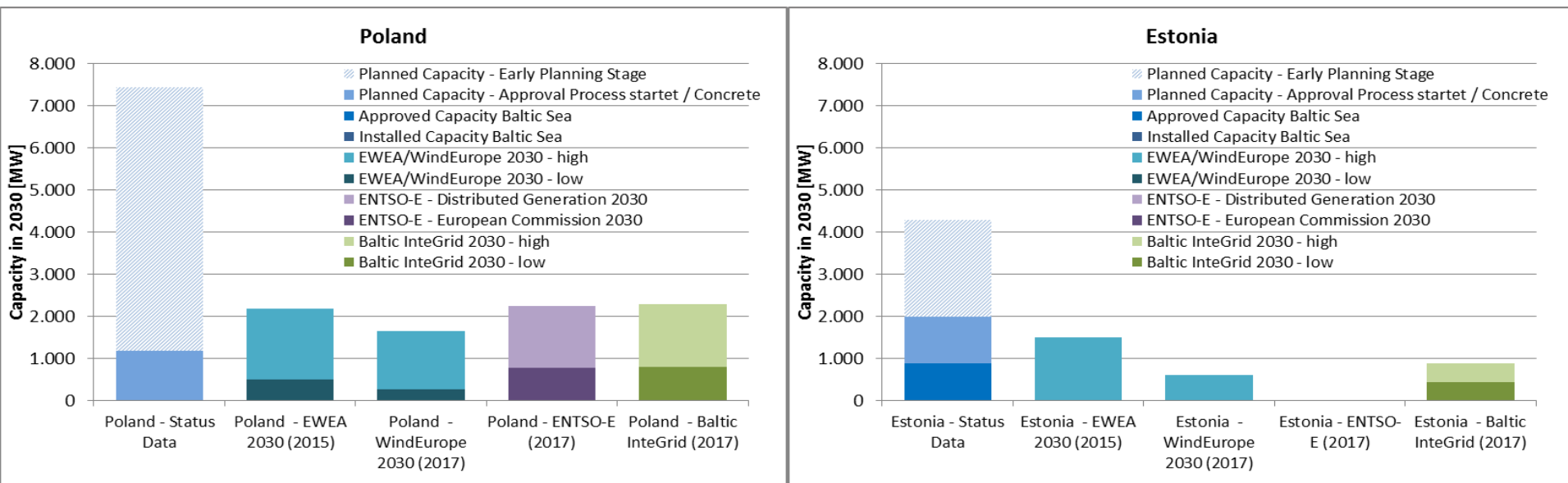
Denmark and Germany



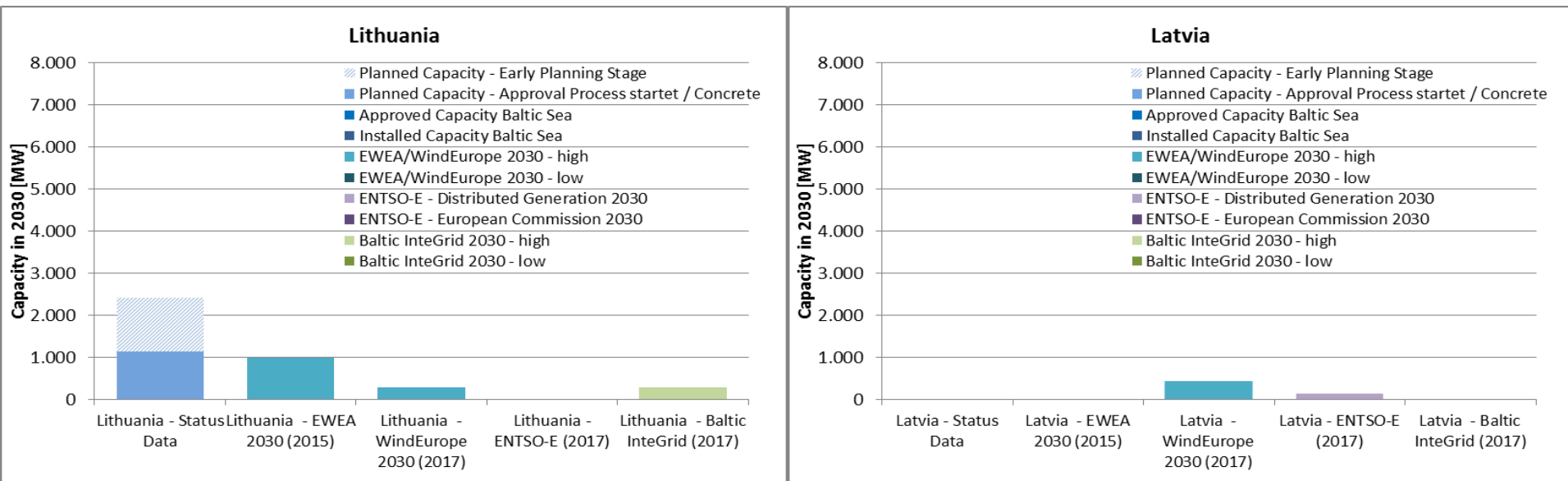
Sweden and Finland



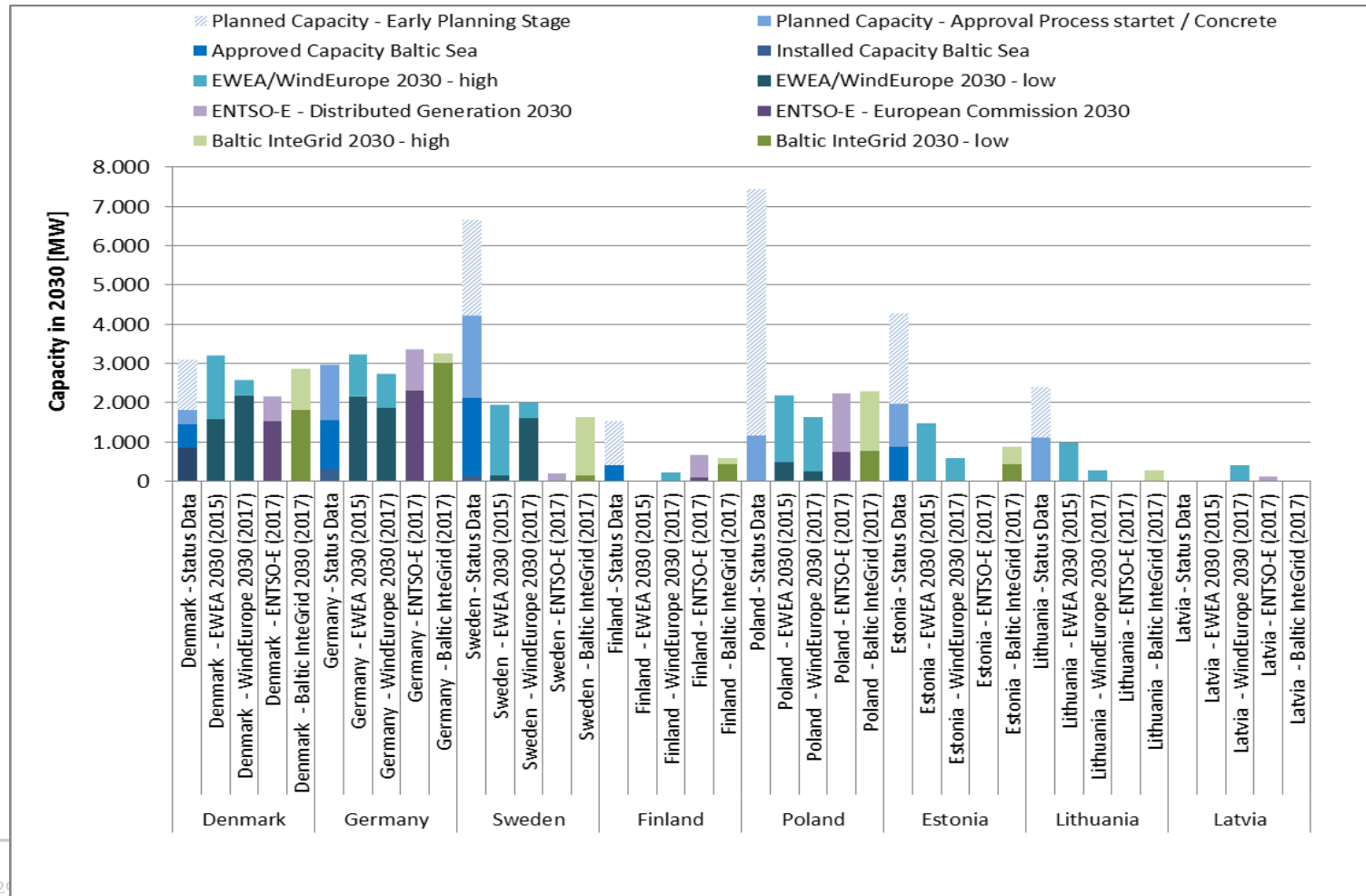
Poland and Estonia



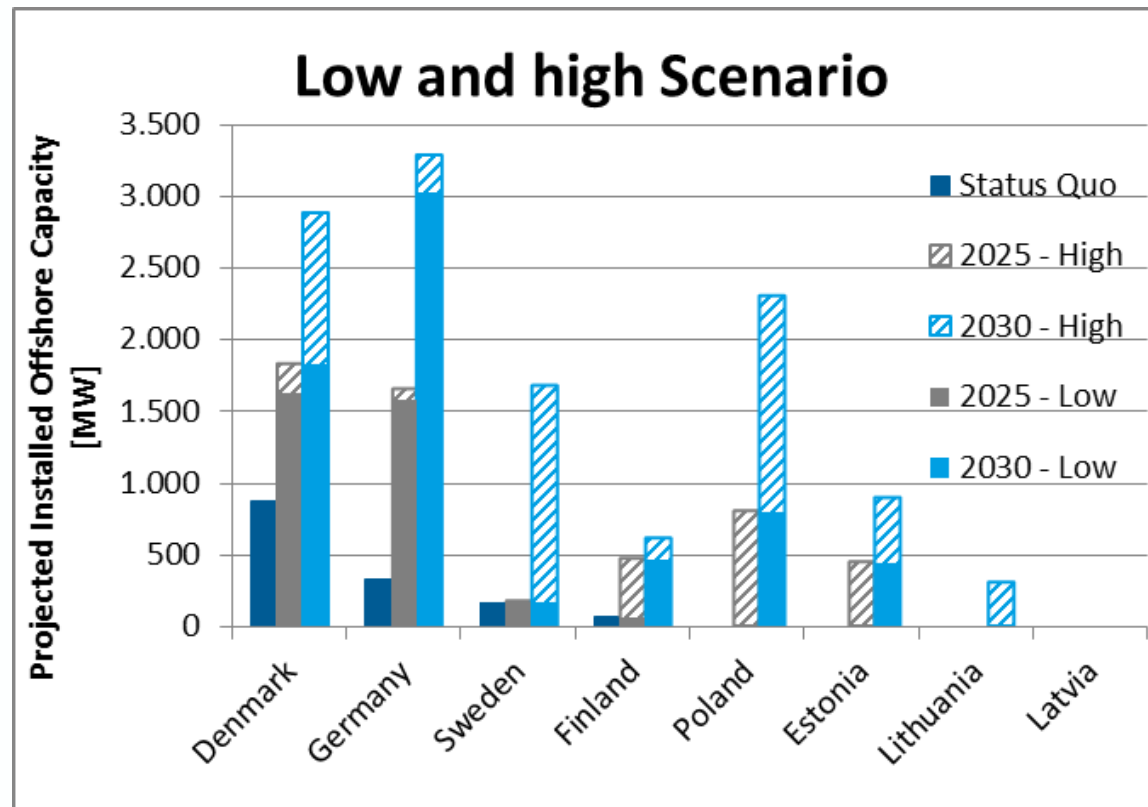
Lithuania and Latvia



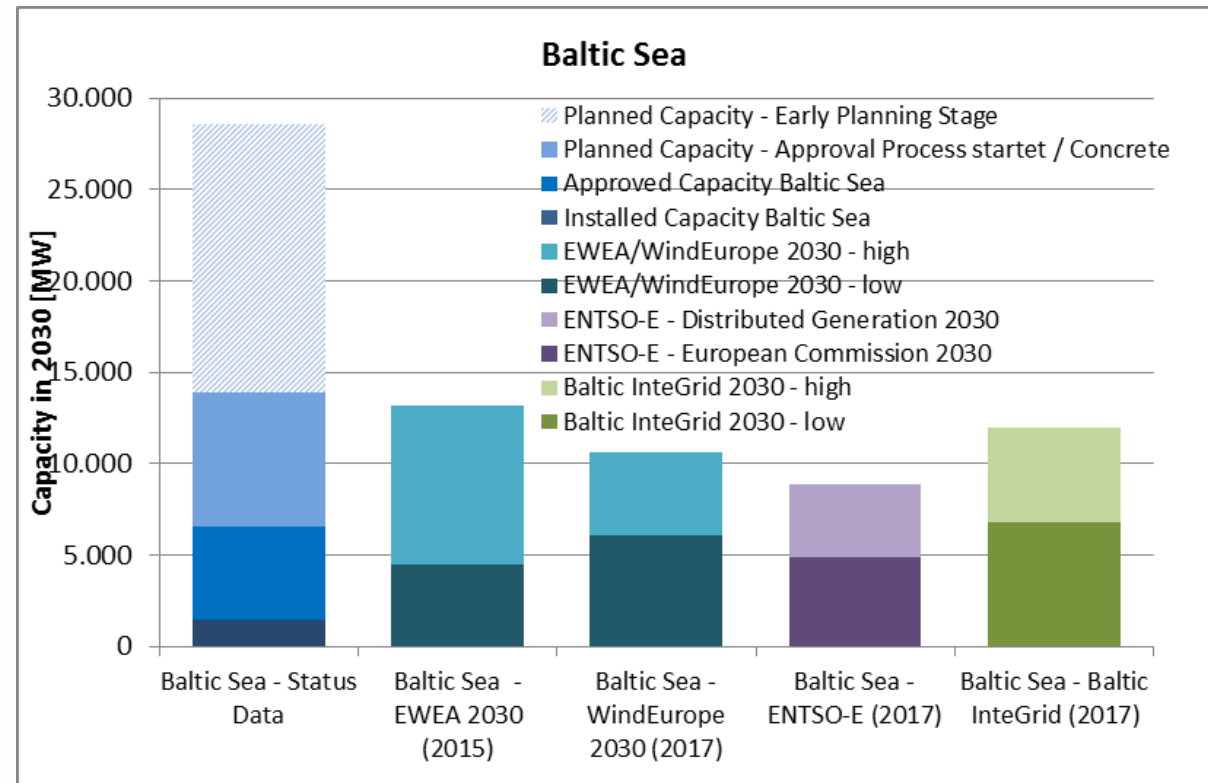
Overview



Steps 2025 / 2030



Baltic Sea



- Potential of 6-12 GW in the Baltic Sea up to 2030
- Development up to 2030 mainly in three countries (Germany, Denmark, Poland)
- Further Potential in northern and eastern baltic countries after 2030

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For further information on the Scenarios :

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