



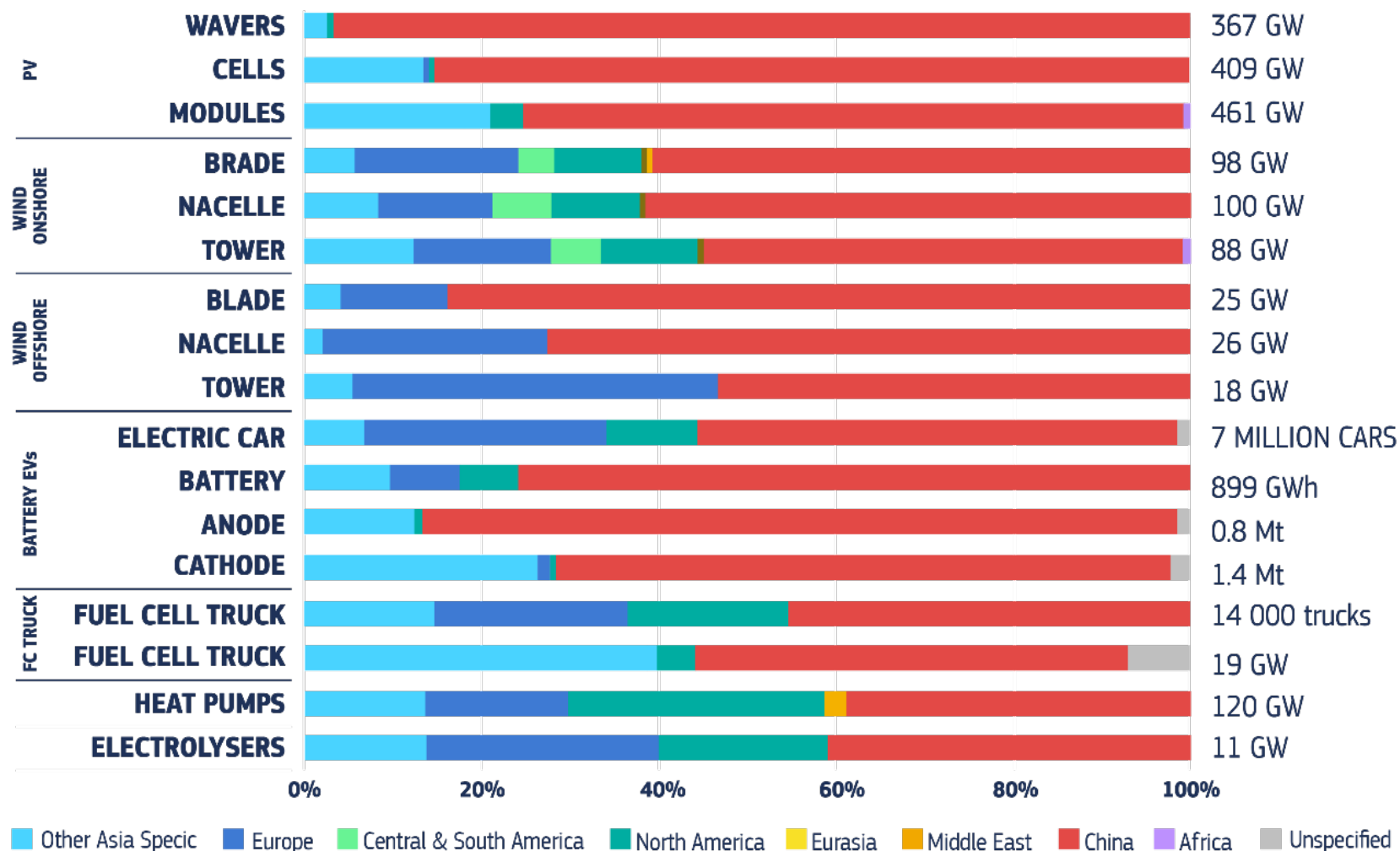
Grid technologies & the Net Zero Industry Act

RGI workshop – 26 June 2024

*Mark van Stiphout, deputy head of unit Competitiveness,
Digitalisation, Research and Innovation*

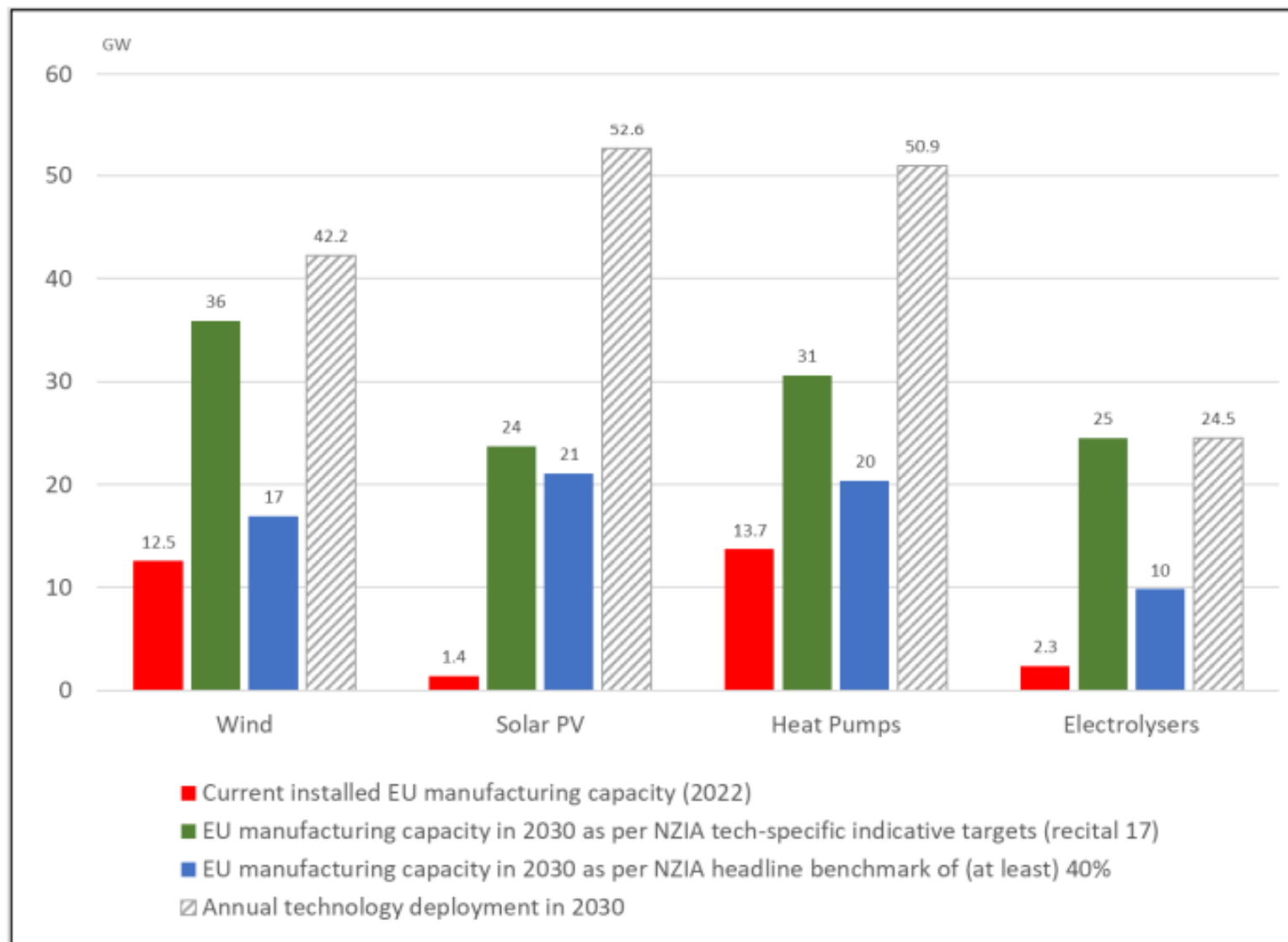
DG Energy – EUROPEAN COMMISSION

Current status quo



Source: IEA

NZIA potential



Source: SWD(2023) 219



General objective of NZIA

“Establishing a regulatory framework to ensure the Union’s access to a secure and sustainable supply of net-zero technologies including by scaling up the manufacturing capacity of net-zero technologies and their supply chains.





Two political benchmarks

Commission & Member States shall support net-zero manufacturing projects to **ensure the reduction of strategic dependencies** by reaching a **manufacturing capacity** of:

- at least **40%** of EU annual deployment needs for the corresponding technologies necessary to achieve the Union's 2030 climate and energy targets;
- an increased Union's share for the corresponding technologies in view to reach **15%** of world production by 2040, based on the monitoring in the Act.



Scope & type of projects covered



Focus: manufacturing facilities of net-zero technologies across the full supply chain (except for raw materials)



Coverage: 19 net-zero technology categories

- Final products and specific components considered “**primarily used**”
- If not listed in the annex, a project promoter can provide a proof that a product, a component or a machinery is “primarily used” for a net-zero technology.

Additionally in scope:

- Energy intensive industry decarbonisation projects and CCS storage sites



Finding your way through the Act

Chap 1: Subject matter, scope & definitions

Chap 2: Enabling conditions for net-zero tech
manufacturing

Chap 3: CO2 injection capacity

Chap 4: Access to Markets

Chap 5: Enhancing skills for quality job creation

Chap 6: Innovation

Chap 7: Governance

Chap 8: Monitoring

Chap 9: Final provisions



Next steps / What we currently work on



1 Implementation of **strategic projects processes**

2 **Secondary legislation:**

- Delegated act on the annex of components
- Implementing act on main specific components
- Implementing act on selection criteria for strategic projects
- Implementing acts on criteria in public procurement and auctions

NZIA Implementation Timeline



Delegated Act ———> Expert Group

Implementing Act ———> Committee



October 2024: Meeting with Member States

Disclaimer: References to dates are tentative.

Thank you

[Net Zero Industry Act - Website](#)