



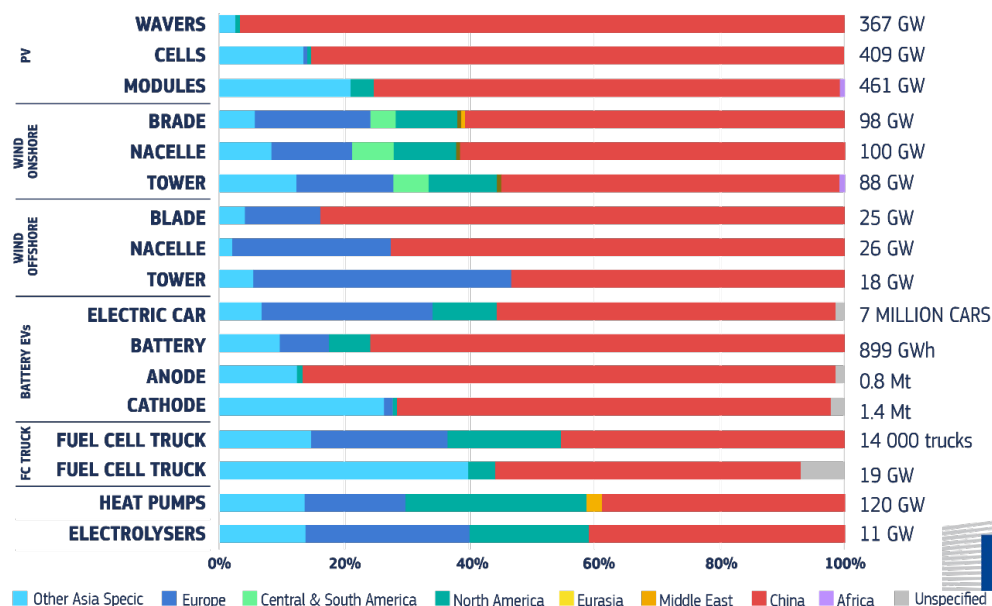
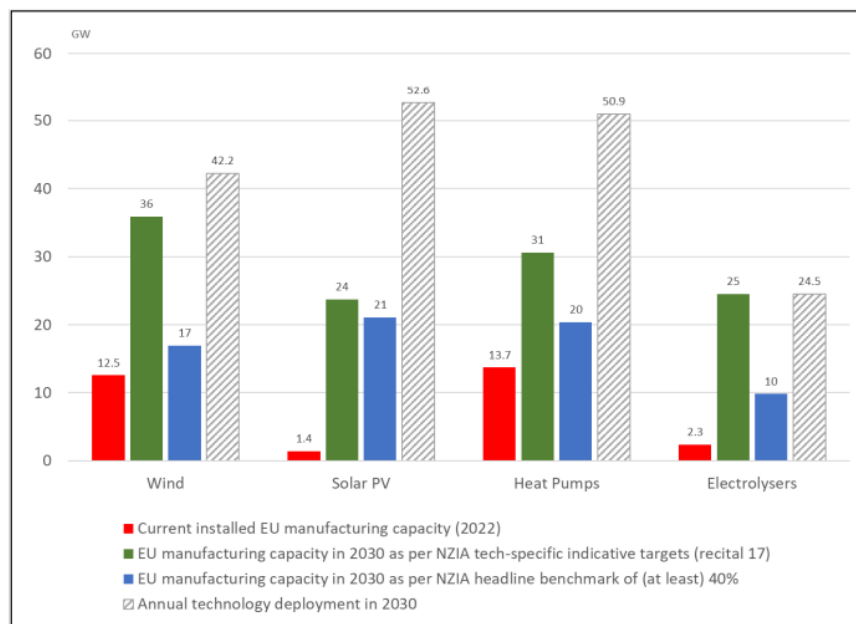
Net-Zero Industry Act

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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.





The political benchmarks of NZIA

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.

Scope (what type of projects are covered)

- Focus is on manufacturing facilities across full supply chain.
- 1 list of net-zero technologies.*
- Either via being listed in Annex or when project promoter can provide proof that product, component or machinery are “primarily used” for net-zero technology.
- Also in scope are energy intensive industry decarbonisation projects, CCS storage sites.



- solar technologies, including: solar photovoltaic, solar thermal electric and solar thermal technologies;
- onshore wind and offshore renewable technologies;
- battery and energy storage technologies;
- renewable energy technologies, not covered under the previous categories;
- heat pumps and geothermal energy technologies;
- hydrogen technologies, including electrolyzers and fuel cells;
- sustainable biogas and biomethane technologies;
- carbon capture and storage technologies;
- electricity grid technologies, including electric charging technologies for transportation and technologies to digitalise the grid;
- nuclear fission energy technologies, including nuclear fuel cycle
- sustainable alternative fuels technologies;
- hydropower technologies;
- energy system-related energy efficiency technologies, including heat grid technologies;
- renewable fuels of non-biological origin technologies;
- biotech climate and energy solutions;
- transformative industrial technologies for decarbonisation not covered under the previous categories;
- CO2 transport and utilization technologies;
- wind propulsion and electric propulsion technologies for transportation;
- nuclear technologies not covered under previous categories.

To stimulate investment into net-zero technologies, the Act focuses on:

Permitting	Investment	Markets	Skills	Innovation	Governance
Streamlined procedures and transparent information on process	Crowding-in private investments in net-zero strategic projects by Commission and Member States	Sustainability & resilience criteria in auctions, public procurement and public support measures	Skills for quality jobs through Net-Zero Industry Academies	Regulatory Sandboxes to promote innovation and to test innovative net-zero technologies in a controlled environment for a limited amount of time	Net-Zero Europe Platform as a reference body for the Commission to coordinate actions jointly with Member States including international partnerships
One stop shop			Credentials for skills transparency, transferability & cross-border mobility		
Predictable deadlines, incl. for gigafactories	Net-Zero Industry Europe Platform to advise on financing of projects	CO2 injection capacity for carbon dioxide capture and storage markets			

Permitting

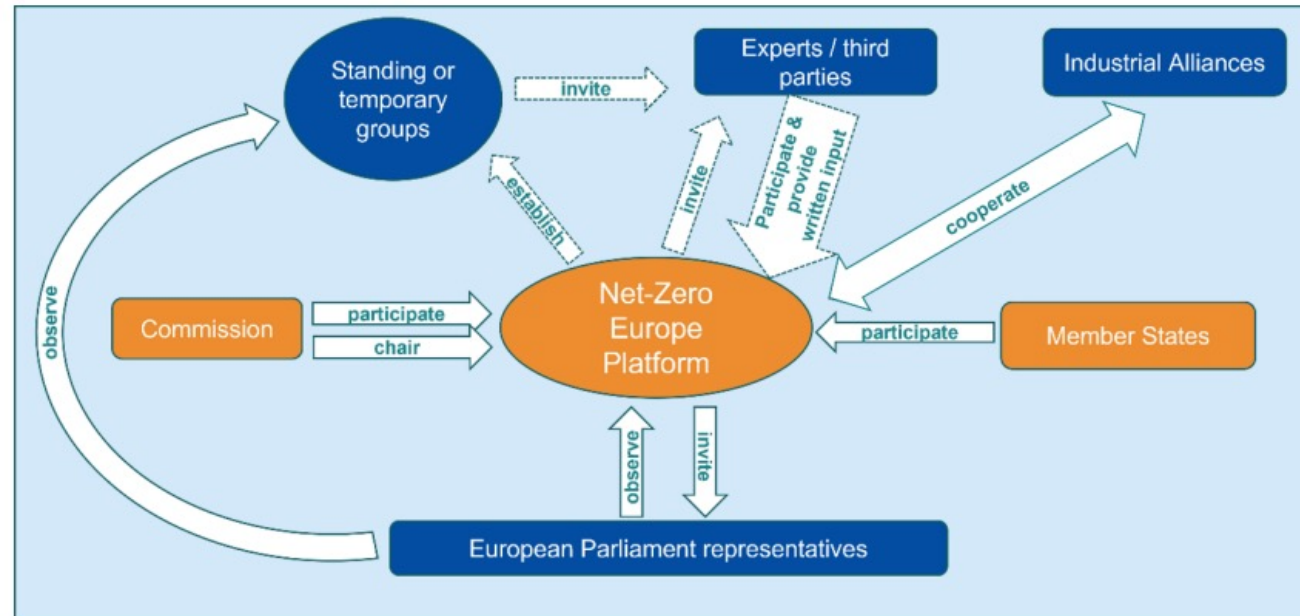
- Covers the **entire permit-granting process**.
- Member States to set up **Single points of contact** within 6 months of entry into force.
- Single point of contact to provide **investment-relevant information** to clean tech projects.
- Authorities obliged to accept documents from project promoters in **electronic** format, including pre-existing and relevant studies, permits or authorisations.
- **Legally binding time-limits** for entire permitting: 9-12 months for strategic projects, 12-18 months for others. Member States shall ensure sufficient staff & expertise for this.
- **Streamlined environmental impact assessments: scoping study, bundling, consultation.**

Strategic Projects & Investment

- Selection criteria in NZIA for projects to apply to Member State for **Strategic project** status.
- **Benefits:** Priority status, shorter permitting, discussed in the **Net-Zero Europe Platform** also in relation to providing advice on their financing.

NZ Project

Strategic Project





Access to Markets



- New mandatory rules on **Public procurement** to change how authorities procure goods, works and services related to net-zero technologies.
- Authorities must take into account the **environmental sustainability** contribution, while the **resilience** contribution will be applied if there is a third-country dependence of more than 50% for a specific net-zero technology (or for its components).
- Where application of the resilience and sustainability contribution result in a disproportionate cost difference or if no suitable tenders submitted, authorities may not apply these criteria.
- When Member States design **auctions** for the deployment of renewable energy technologies, they should to apply pre-qualification and award criteria which are not price-related, such as environmental sustainability, contribution to innovation or integration of energy systems.



Innovation & Skills

- If a project/solution is facing regulatory barriers to be implemented, it can require authorities to create a **NZ regulatory sandbox** to get time-limited exemption from the rule in question.
 - Aim is to foster start-ups and innovative technologies, to allow for trials and to see if the regulatory framework can be adjusted.
 - Important tool to support communication and collaboration between innovators and energy regulators or other responsible entities.
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- Launch of **European Net Zero Industry Academies**, to be based on an assessment of skills shortages in net-zero technology industries and in full respect of Member State competence in the field of education and training. Objectives:
 - **Objectives:** to develop and promote the use of learning programmes, content and learning and training materials for training and education for the voluntary use by Member States' education and training providers.



Governance: Net-Zero Europe Platform

- The Platform may advise and assist the Commission and Member States regarding NZIA objectives and activities.
 - It shall be composed of representatives of Member States and of the Commission.
 - The Commission chairs the Platform but has no voting rights.
 - The Platform shall establish sub-groups for technical-level discussions.
- Members of the Net-Zero Europe Platform should coordinate Net-Zero Industrial Partnerships with third countries within the Platform.

Implementation Timeline



Entry into
Force

July 2024

1st Net-Zero
Europe Platform

Q2/3 2024

NZIA Permitting
take effect

January 2025

NZIA Auctions & support
schemes take effect

January 2026

NZIA PP rules take
effect for all contracts

April 2026

Landmarks

References to dates are tentative

Thank you

Contact

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More info: [The Net-Zero Industry Act \(europa.eu\)](https://european-council.europa.eu/media/400012/image_cache/image_cache.png)