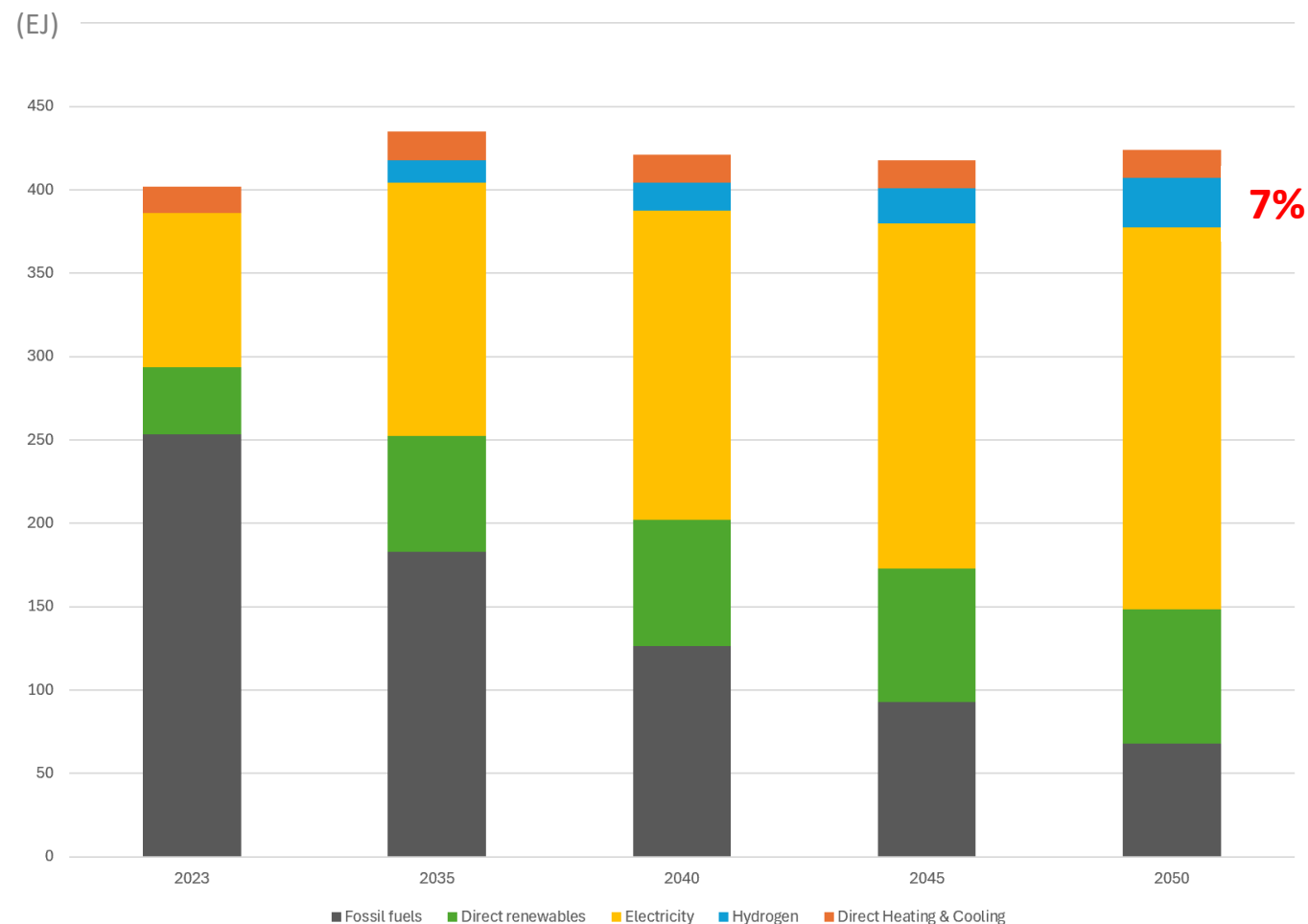


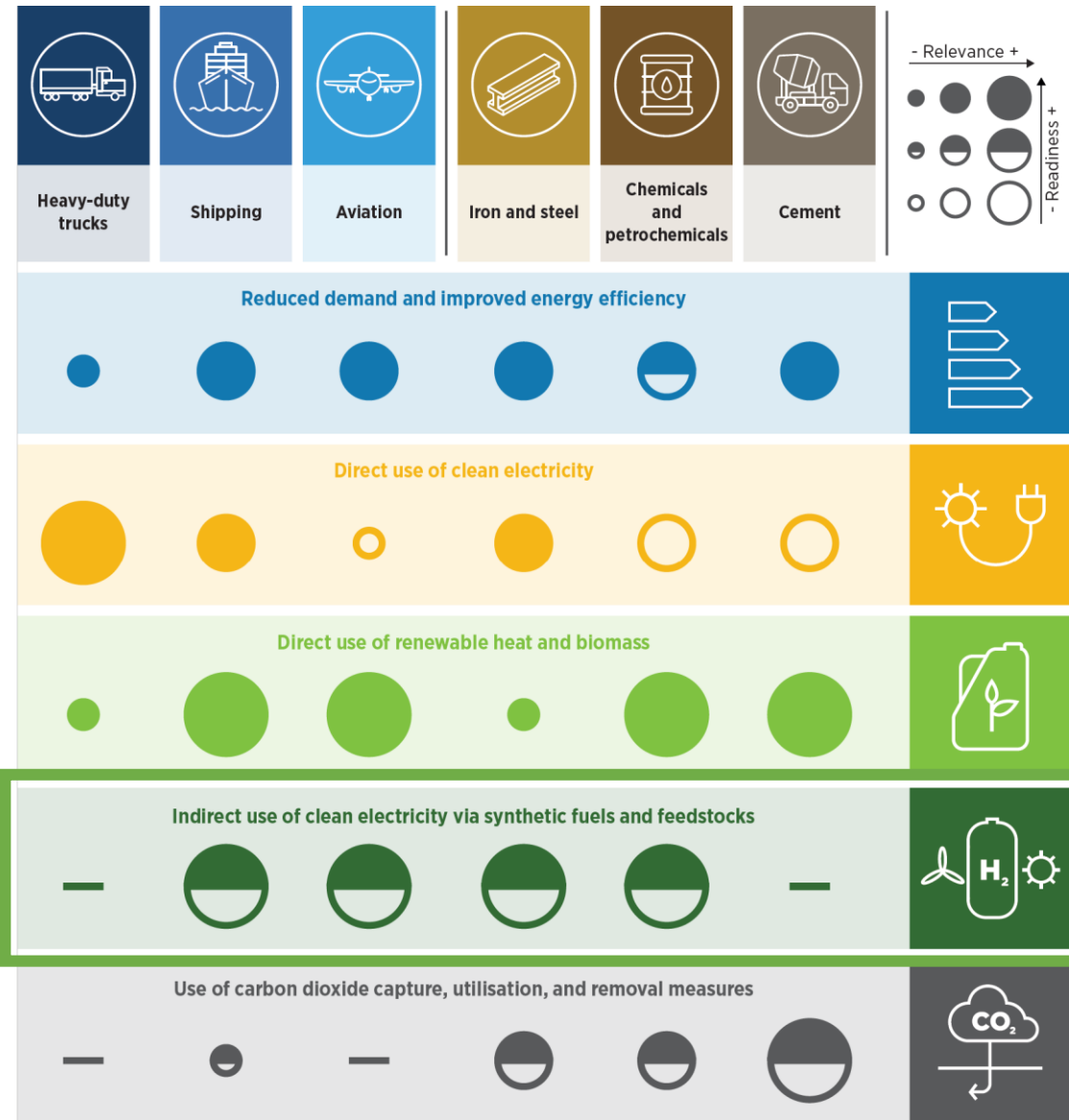
Renewable power becomes the most important energy carrier in climate target-aligned pathways towards 2050

- By 2050, **electricity becomes the main energy carrier**, addressing more than half of global final energy demand
- **Hydrogen and its derivatives** make up around **7% of total final energy consumption by 2050**

Evolution of global final energy consumption under the revised 1.5°C Scenario, by carrier, 2023–2050



A portfolio of solutions is needed. Hydrogen and derived commodities have an important role to play in key sectors



Efficiency is key in all sectors.

Other vectors and fuels will be needed in several sectors and applications.

Many processes can be electrified directly.

A range of policy tools are available to drive hydrogen deployment, and enhance demand in key sectors



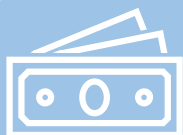
Policy integration

Green hydrogen policies need to be well aligned with climate, industry and energy objectives and strategies.



Target setting

Targets should be ambitious, but need to be regularly reviewed and monitored. Sectoral targets and mandates play a role.



Focused support

Public sector support (direct subsidies or incentives, auctions, public procurement) can boost market maturity.



International collaboration

Regional and international collaboration is vital. Sharing knowledge on best practices enhances progress.