

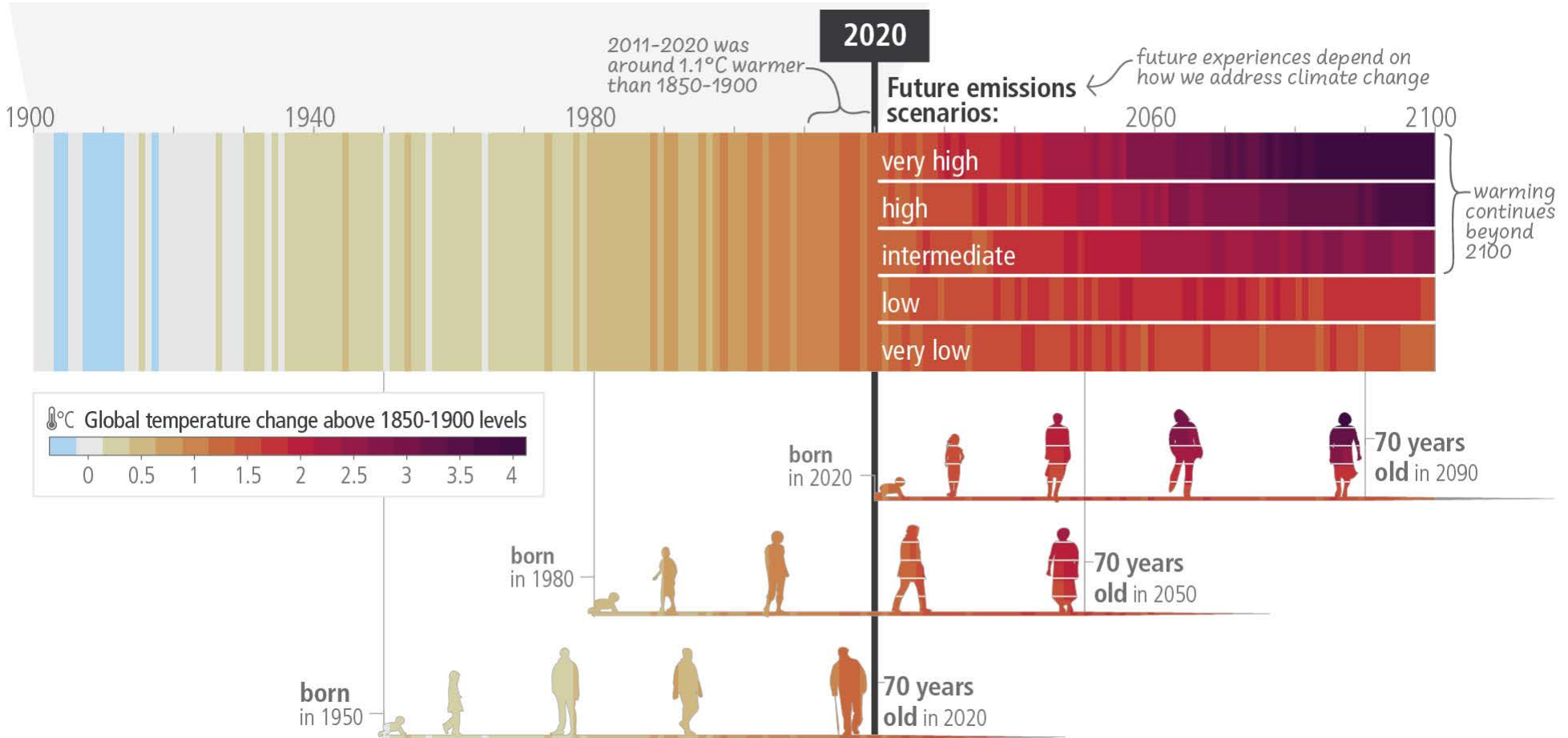


The European **Green** Deal

Fit for 55 - State of play and vision beyond 2030

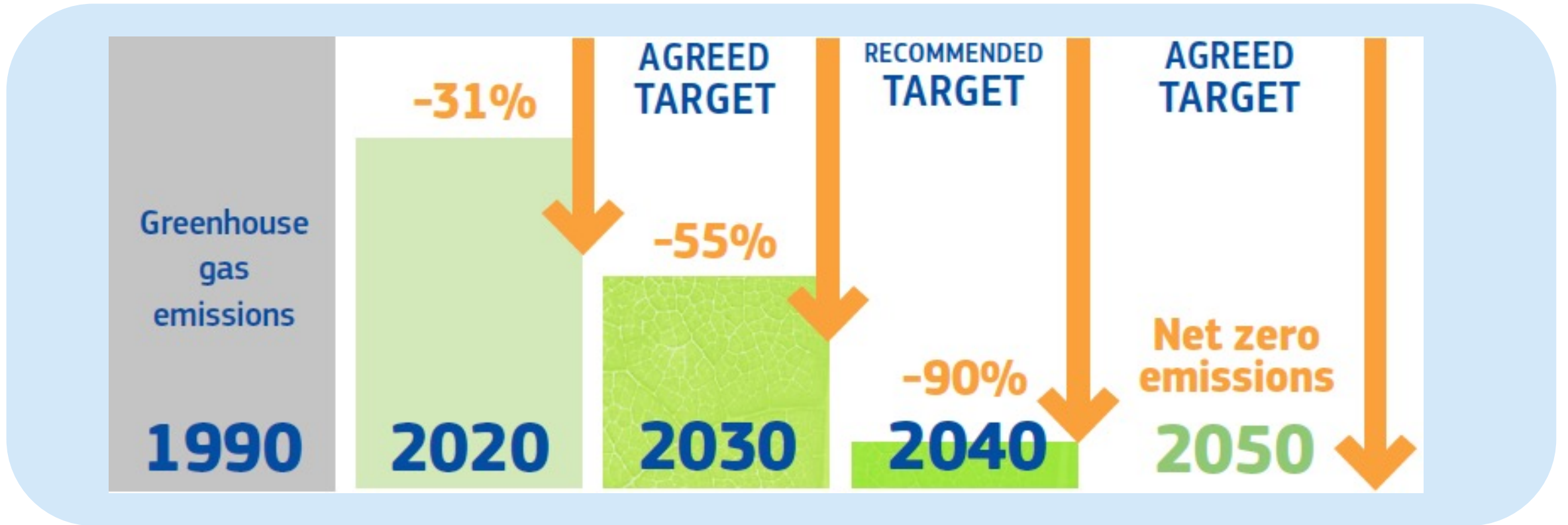


Global warming: future projection

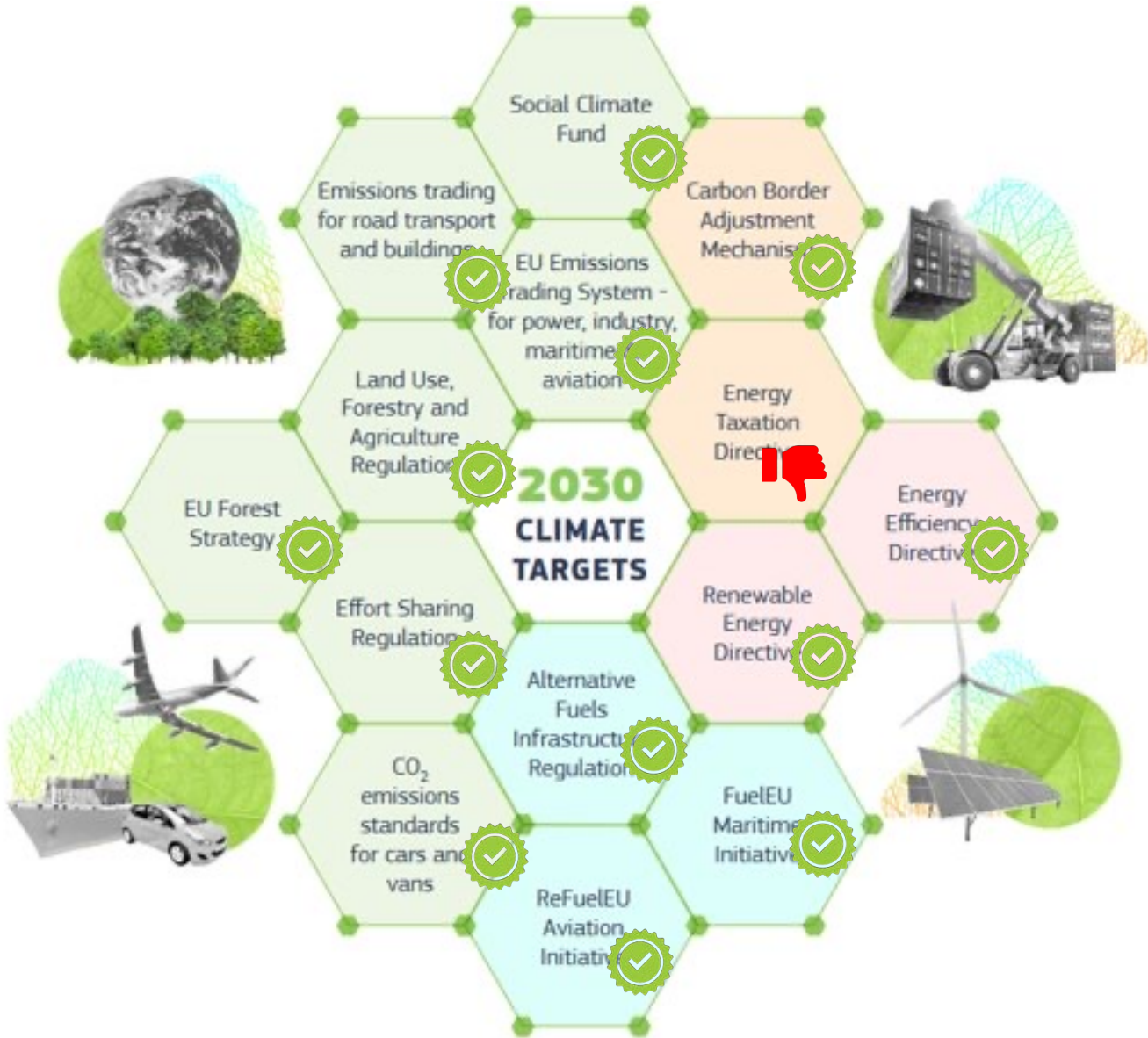


Source: IPCC AR6 Synthesis Report

EU climate ambition for 2030, 2040 & 2050



Road to 2030: Fit for 55 Package



Focus must be on effective implementation

- ✓ Revision of **National Energy and Climate Plans** by June 2024
- ✓ Draft plans assessed by the Commission by end of 2023 showing:
 - ✓ Gaps in overall ambition
 - ✓ GHG emission reductions of 51% by 2030, **4% percentage points short of 2030 target!**
- ✓ Final plans must be reinforced

Fit for 55 supported by comprehensive industrial decarbonisation ‘agenda’

- ✓ Green Deal Industrial Plan
- ✓ Net Zero Industry Act
- ✓ Critical Raw Materials Act
- ✓ European Wind Power Package
- ✓ EU Action Plan for Grids
- ✓ Strategic Technologies for Europe Platform
- ✓ Clean Transition Dialogues

Four Pillars of the Green Deal Industrial Plan



**A predictable and
simplified regulatory
environment**

**Faster
access to
funding**

**Enhanced
skills**

**Open trade for
resilient supply
chains**

NET ZERO INDUSTRY ACT



Permitting

Streamlined procedures and transparent information on process

—

One stop shop

—

Predictable deadlines, incl. for gigafactories

—

Investment

Crowding-in private investments in net-zero strategic projects by Commission and Member States

—

Net-Zero Industry Europe Platform to advise on financing of projects

Markets

Sustainability & resilience criteria in auctions, public procurement and public support measures

—

CO2 injection capacity for carbon dioxide capture and storage markets

Skills

Skills for quality jobs through Net-Zero Industry Academies

—

Credentials for skills transparency, transferability & cross-border mobility

Innovation

Regulatory Sandboxes to promote innovation and to test innovative net-zero technologies in a controlled environment for a limited amount of time

Governance

Net-Zero Europe Platform as a reference body for the Commission to coordinate actions jointly with Member States including international partnerships

CO² storage

Sets objective and obligations aimed at removing one of the main barriers to carbon capture and utilisation

Global market for key manufactured net-zero technologies to triple by 2030 with an annual value of around EUR 600 billion



Once in a generation opportunity to secure the EU's industrial lead in the fast-growing net-zero technologies sector with the Net-Zero Industry Act

Net-Zero Technologies

- Simplification: One-stop shop, online access to info, faster permitting (12-18 months)
- Innovation: Regulatory Sandboxes
- Expertise and skills: Net Zero Academies

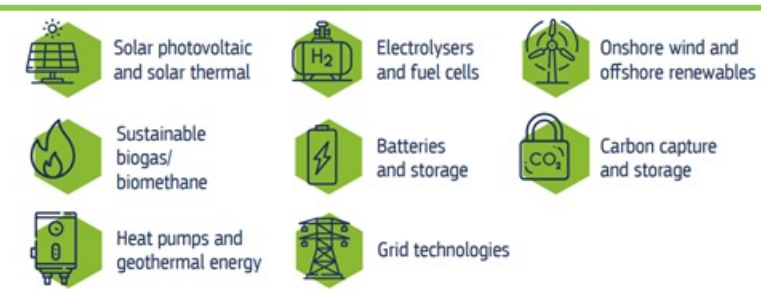
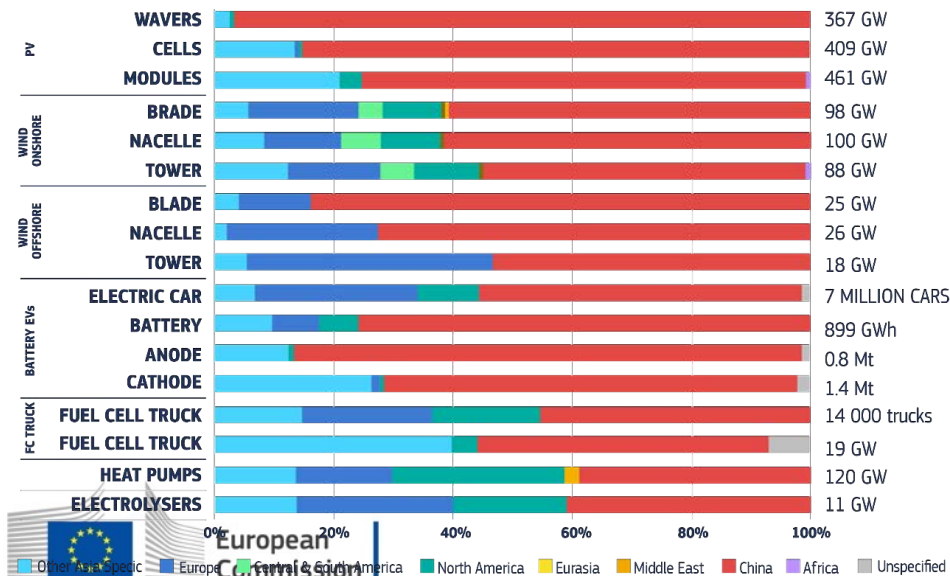
Net-Zero Strategic Technologies

- Facilitated access to markets through enhanced sustainability and resilience criteria in auctions (15-30% weight of award criteria), public procurement and other public schemes
- Benchmark for manufacturing capacity of strategic net-zero technologies to reach at least 40% of EU's annual deployment needs by 2030
- Possibility to become a Strategic Net-Zero Technology Project



Strategic Net-Zero Technology projects

- Priority status and shorter permitting deadlines (9-12 months)
- Overriding public interest
- MS and COM to support through crowd-in private investments in net-zero strategic projects to accelerate their implementation
- Benefit from finance coordination by the Net-Zero Europe Platform



EUROPEAN CRITICAL RAW MATERIALS ACT

March 2023

SETTING 2030 BENCHMARKS FOR STRATEGIC RAW MATERIALS



EU EXTRACTION

At least **10%** of the EU's annual consumption for extraction



EU PROCESSING

At least **40%** of the EU's annual consumption for processing



EU RECYCLING

At least **15%** of the EU's annual consumption for recycling



EXTERNAL SOURCES

Not more than **65%** of the EU's annual consumption of **each strategic raw material at any relevant stage of processing** from a single third country



Strengthen all stages of the European CRM value chain



Diversify EU CRM imports to reduce strategic dependencies



Improve EU capacity to monitor and mitigate risks of disruption to CRM supply



Improve CRM circularity and sustainability

2023 Critical Raw Materials (*Strategic Raw Materials in italics*)

aluminium/bauxite	<i>copper</i>	<i>manganese</i>	<i>silicon metal</i>
antimony	feldspar	<i>natural graphite</i>	strontium
arsenic	fluorspar	niobium	tantalum
baryte	<i>gallium</i>	<i>nickel</i>	<i>titanium metal</i>
beryllium	<i>germanium</i>	<i>PGM</i>	<i>tungsten</i>
<i>bismuth</i>	hafnium	phosphate rock	vanadium
<i>boron/borate</i>	helium	phosphorus	
<i>cobalt</i>	<i>lithium</i>	<i>rare earths</i>	
coking coal	<i>magnesium</i>	scandium	

Looking beyond 2030 - 2040 Target Communication

- ✓ presents a recommendation for a 2040 climate target
- ✓ is backed by a detailed analysis, which illustrates a pathway to 2040 and 2050
- ✓ sets a vision for the EU beyond 2030
- ✓ opens a political debate and a strategic dialogue with stakeholders
- ✓ accompanied by a communication 'Towards an ambitious Industrial Carbon Management for the EU'

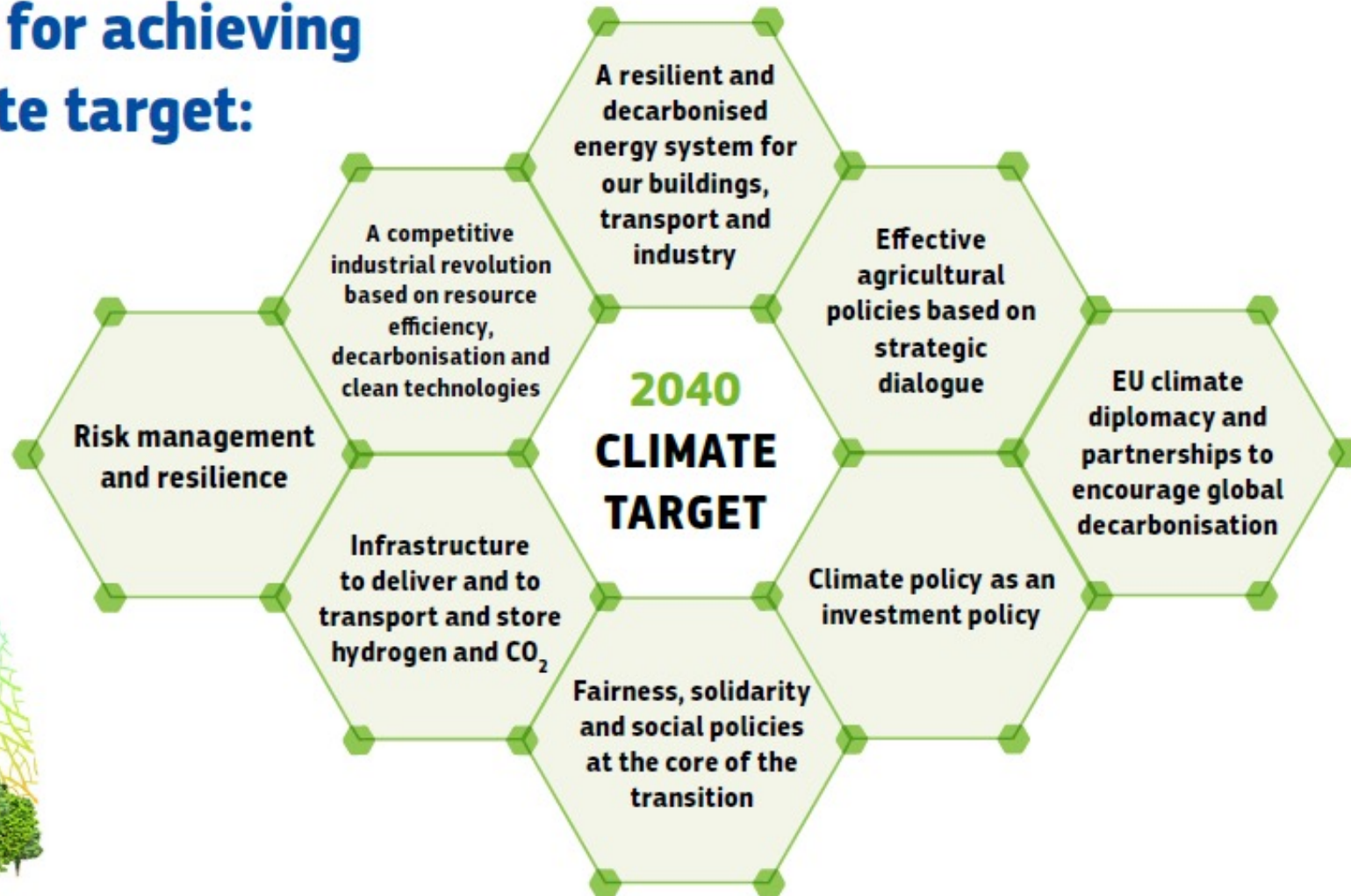


Enabling conditions

- ✓ The full implementation of the agreed 2030 framework
- ✓ Competitiveness of European industry and agriculture
- ✓ Greater focus on Just Transition - leaving no one behind
- ✓ A level playing field with international partners
- ✓ Open Dialogue on the post 2030 framework

8 Building blocks for achieving the 2040 target

Building blocks for achieving the 2040 climate target:





Thank you!

[Delivering the European Green Deal |
European Commission \(europa.eu\)](#)