



EEB

European
Environmental
Bureau

European Economic and Social Committee
“Empowering European Consumers on Climate Change”
12th October 2023



Empowering consumers on climate

Solutions exist, coordination needed

Empowering **solutions for consumers** exist.

Consumers need to **join their voices**:

- for clear policy guidance in transition,
- against expensive distractions.





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Consider energy:

(1) Technology is ready

(2) Good policy is needed



1. Energy technology is ready: The race is over

Energy sources: Renewables won against nuclear power

- nuclear power will play minor role
- too expensive, too slow, next generation too late

Energy carriers: Grids & storage won against hydrogen & e-fuels

- molecules will play limited role
- fundamentally more expensive than direct electrification





Paris-Agreement Compatible Scenario

**Our path to 100% renewable
energy across all sectors
in EU by 2040**



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EXECUTIVE SUMMARY

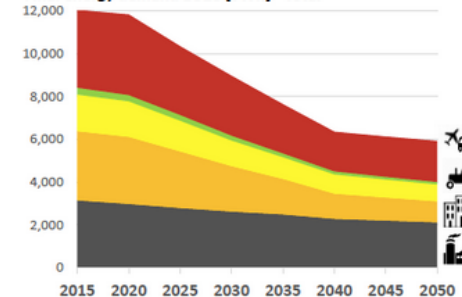
CHAPTER 1: SECTOR-SPECIFIC ENERGY DEMAND

CHAPTER 2: ENERGY SUPPLY

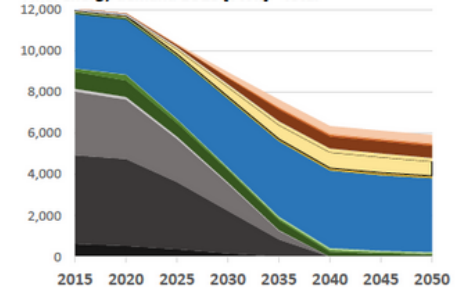
CHAPTER 3: REACHING THE PARIS AGREEMENT 1.5°C TARGET

The two below graphics show final EU28 energy demand across sectors and by energy source respectively.

Final energy demand EU28 [TWh] - Total



Final energy demand EU28 [TWh] - Total



1.1. Industry

Industrial transformation implies a reduction of material demand through higher reuse and recycling rates. The implementation of circular economy

Download the
energy demand



2. Empowering policies for the transition

Empowering electricity policies:

Individual independence by **prosuming, off-grid etc.**

Larger gains by **community energy**, grids and large-scale storage.

Fast RE roll-out needs citizen involvement and respect for nature.





Empower consumers to stop funding losers

Consumers should not subsidize new nuclear

- Net Zero Industry Act
- EU state aid rules
- Nationalize failed nuclear firms
- high guaranteed prices (CfD)
- SMR partnerships
- IPCEI, RRF

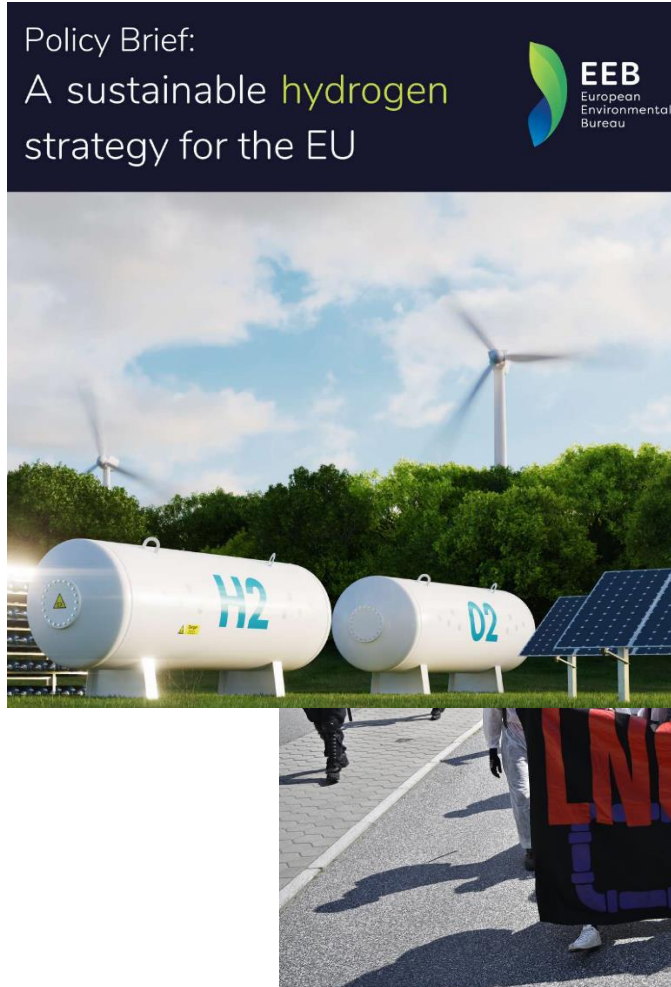




Empower consumers to stop funding losers II

Consumers should not subsidize e-fuels & hydro-hype

- Net Zero Industry Act
- EU Clean Hydrogen alliance
- EU hydrogen valleys
- European Investment Bank
- extra-EU investments





Empowering policies for remaining C02 budget

**Climate targets imply limited emissions -
...how to deal with scarcity?**

Carbon pricing sets cap on emissions for heating (2027)
- use income to fund **carbon dividends not subsidies**

Consider a **ban on new fossil boilers** (Ecodesign, EPBD)
- reduces risk of high prices for buyers.
- decreases prices for people using existing boilers.



Subsidies for fossil heating appliances in the EU and UK

Full Report



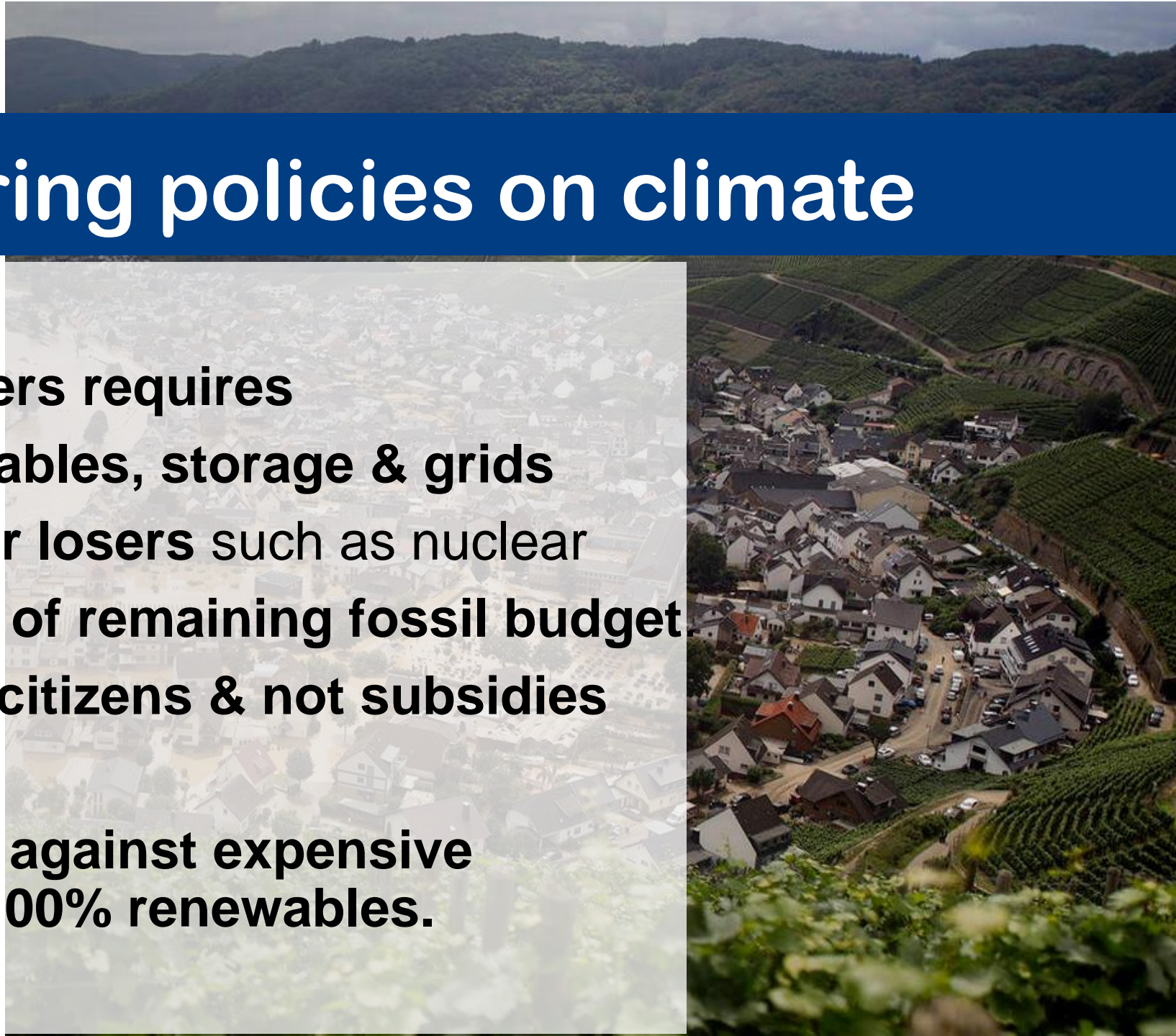


Empowering policies on climate

Empowering consumers requires

- Investments in **renewables, storage & grids**
- **No public support for losers** such as nuclear
- Clear strategy for **use of remaining fossil budget**
- **Carbon revenues to citizens & not subsidies**

We need to speak out against expensive distractions, and for 100% renewables.





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Thanks for listening!

Keep in touch



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