



**EUROPE
BEYOND
COAL**



23.02.2022

**EU-Turkey Climate Policy Dialogue:
Role of Civil Society in developing climate
policies**

WHAT WE DO

Ambition: set agenda and ensure 'good' RES/solutions are massively developed so that coal is exited by 2030 and fossil gas by 2035.

1. **Europe beyond coal by 2030**
2. **Fossil-free, fully RES-based power sector by 2035**
 - ▶ Power sector!
 - ▶ Holistic view of energy transition
 - ▶ Massively wind & solar + some grid & storage
 - ▶ Undefined last X % to be explored
 - ▶ Environmental and social agenda



EBC contribution to:

1.5oC & zero pollution

energy transition

heating



power

industry



people, nature and communities

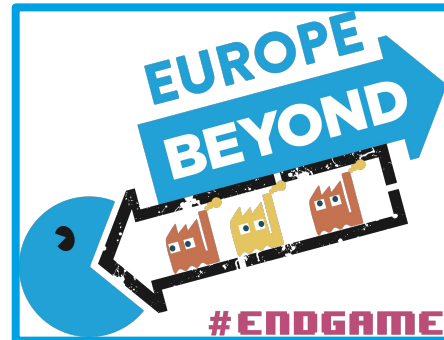
▶ EUROPE BEYOND COAL



Coal Database



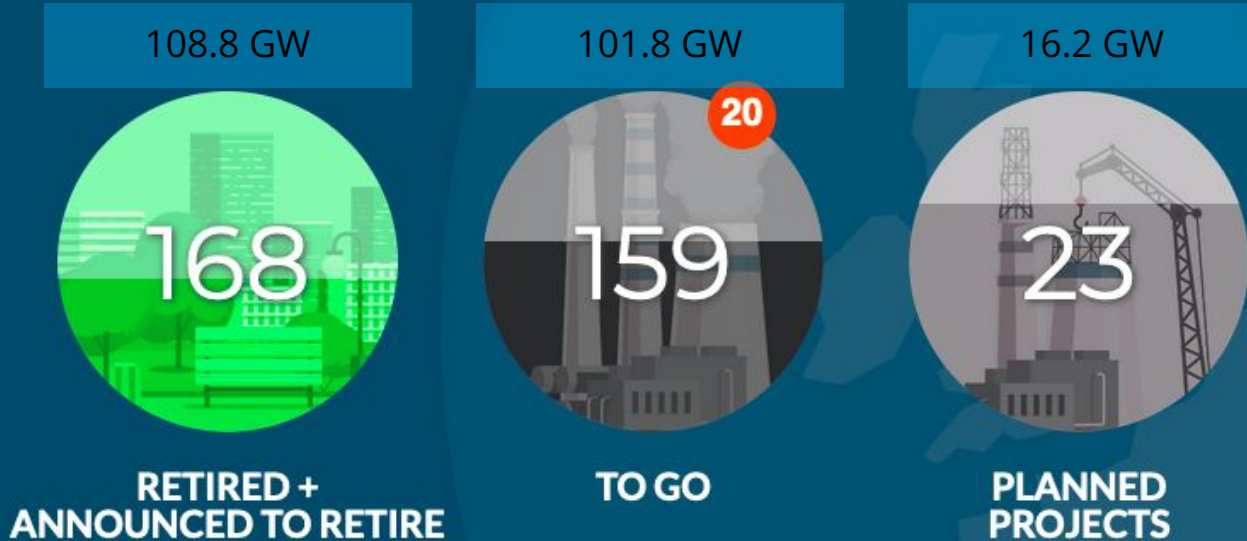
Cooperation and Sharing



Campaign Support

EUROPEAN COAL PLANT COUNTDOWN

How many of Europe's coal plants have retired since January 2016, and how many are left to go?



2016

206.5 GW

ca. 87 GW

2021

+12 GW / 15 plants






-21.2 GW/18 projects

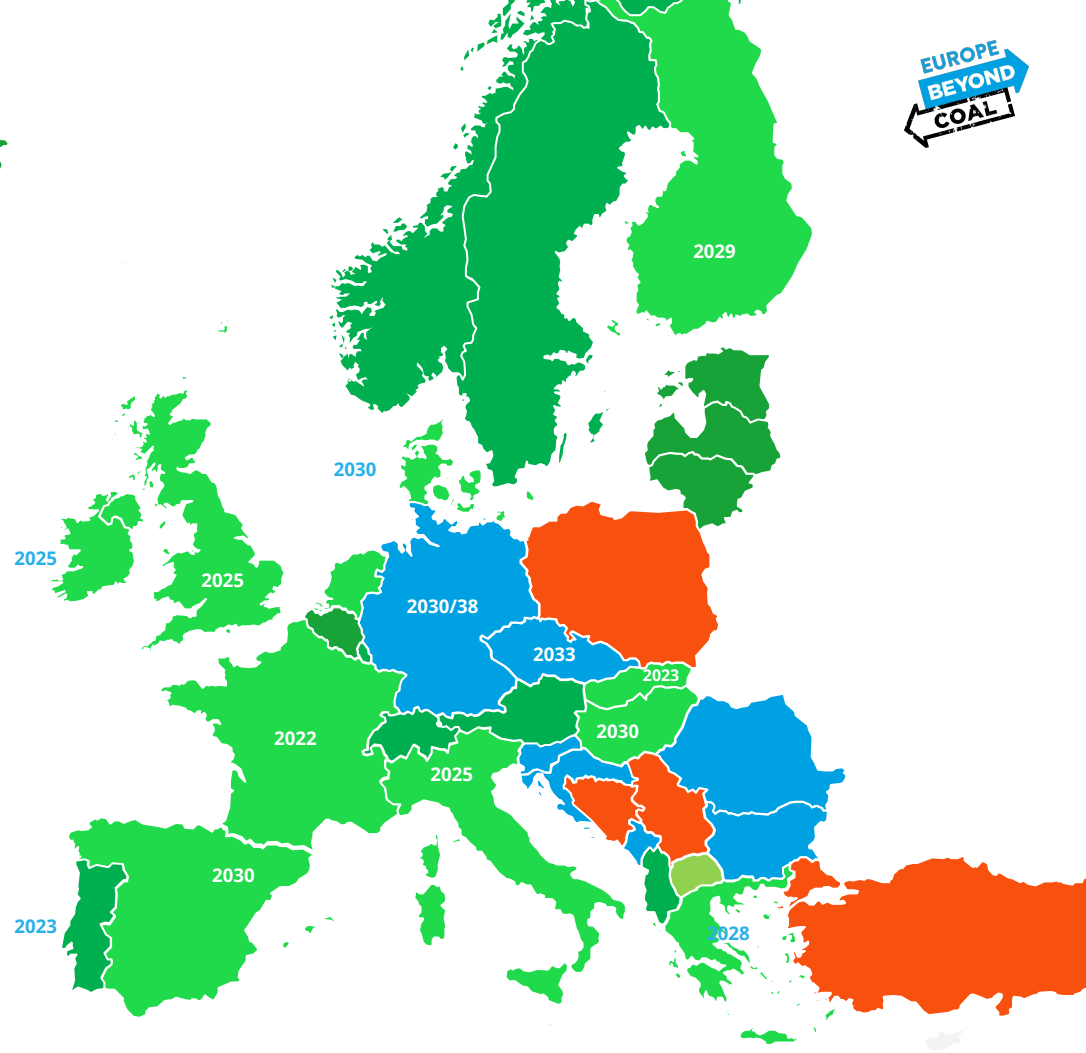
STATUS

EUROPE

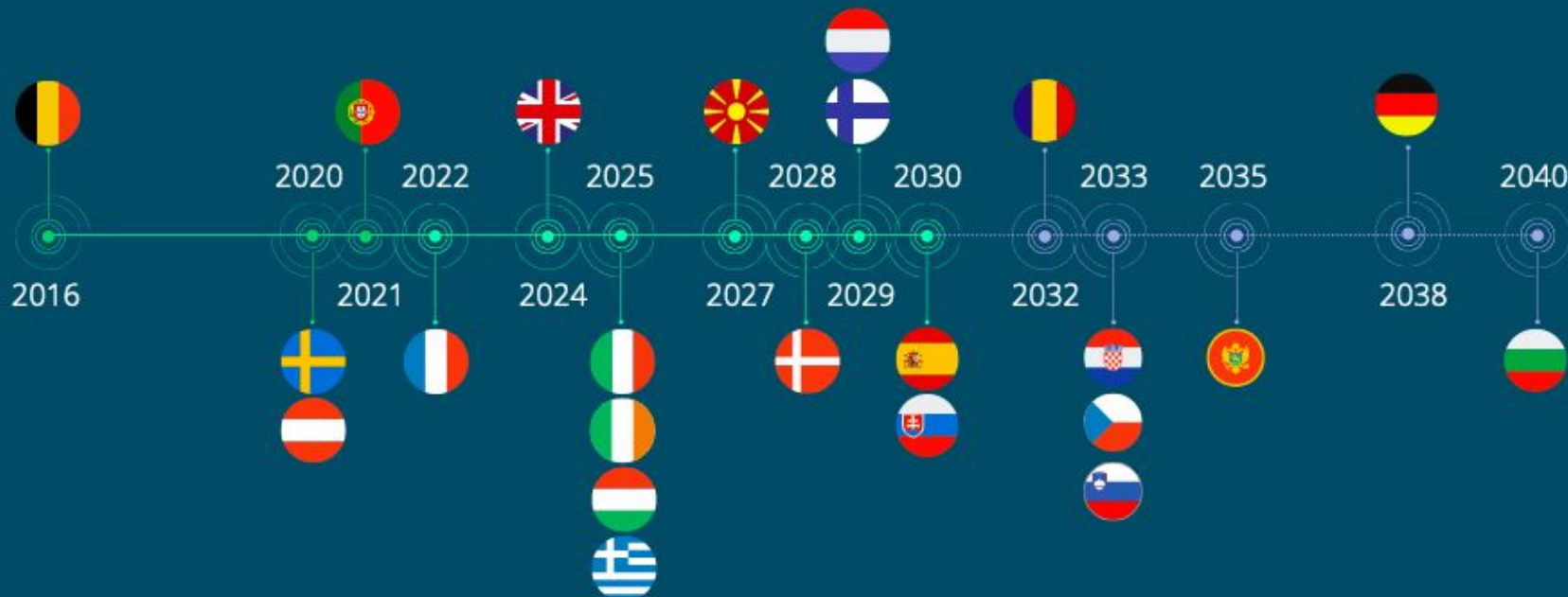
COAL PHASE-OUT

- ▶ 23 countries exiting coal
- ▶ %50 benchmark reached

-  No coal in electricity system
-  Coal phase-out **before** 2030
-  Coal phase-out **after** 2030
-  Coal phase-out **in discussion**
-  **No discussion** on phase-out

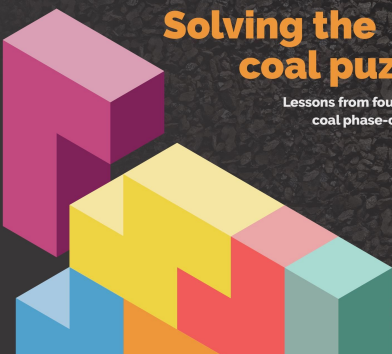


TIMELINE OF COUNTRY COAL PHASE OUT PLANS



Solving the coal puzzle

Lessons from four years of coal phase-out policy in Europe



JUST TRANSITION FUND

- 1 No loophole for fossil gas
- 2 Link funding to a pre-2030 coal exit
- 3 Require commitment to EU climate target



Report 2024



SLOVENIA DISCUSSING 2033, 2038 OR 2043 END FOR COAL.
THE DATE THAT MATTERS IS:
2030

#beyondcoal



IT'S TIME TO GO
#BEYONDCOAL



WE NEED A GREEN RECOVERY, BUT FOSSILS & THEIR FINANCIAL BACKERS ARE STANDING IN THE WAY.

- You're blocking **RWE**
- You're blocking **PGE**
- You're blocking **Lloyds**
- You're blocking **BNP Paribas**
- You're blocking **CEZ Group**
- You're blocking many more as part of

#BlockFossilsOut



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NEW REPORT

First step on the path to a carbon neutral Turkey:
Coal phase out 2030

MAJOR COAL BURNING EUROPEAN UTILITIES DO NOT PLAN TO DELIVER ON THEIR 2050 NET ZERO PLEDGES.

#BeyondCoal

First Step in the Pathway to
a Carbon Neutral Turkey:

Coal Phase out 2030

- ▶ 3 scenarios for 2021-2035 has been modelled:
 - ▶ Business As Usual Scenario
 - ▶ Coal Phaseout Scenario
 - ▶ Nuclear free Coal Phaseout Scenario



[link](#)



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GREENPEACE

TURKEY COAL PHASEOUT 2030



Results	Business as usual scenario	Coal phase out scenario	Nuclear-free coal Phase Out scenario
Total installed capacity at the end of 2035 (MW)	147.615	168.657	174.781
Battery installed capacity at the end of 2035 (MWh)	-	136.000	136.000
Total wind and solar installed capacity at the end of 2035 (MW)	60.254	101.154	112.078
Share of sun and wind in electricity generation in 2035 (%)	%28,8	%51,7	%56,4
Share of renewable energy in electricity generation in 2035 (%)	%49.4	%73,6	%78,4
Share of local sources in electricity generation in 2035 (%)	%59,2	%73,6	%78,4
Greenhouse gas emissions from electricity generation in 2035 (million tons of CO ₂ equivalent)	139,42	27,63	33,62
Average electricity generation unit price between 2022-2035 (USD _{Reel 2021} /MWh)	50,39	59,08	62,76
Total investment needs between 2022-2035 (billion USD _{Reel 2021})	68,46	118,24	88,74
Amount of carbon revenues collected between 2022-2035 (billion USD _{Reel 2021})	-	24,8	30,3

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Thank you



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