EURACOAL

European Association
for Coal and Lignite

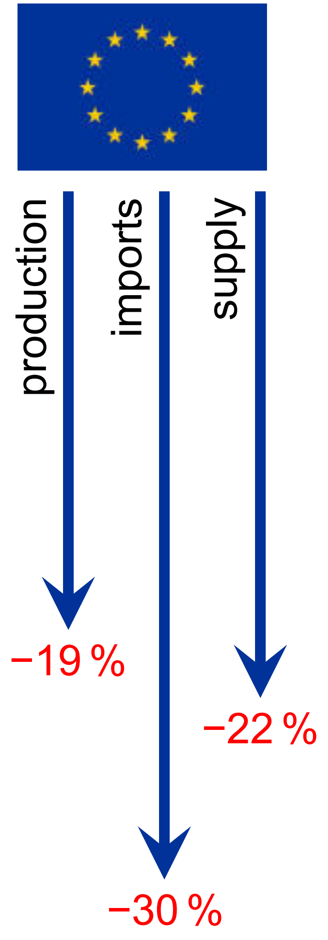
The Future of Coal in Europe

2-4 June 2021
All Things Energy Forum, Athens

Brian Ricketts
Secretary General

EURACOAL: 24 members and observers from 14 countries

- DEBRIV – Deutsche Braunkohlen-Industrie-Verein (DEU)
- ZSDNP – Czech Confederation of Coal and Oil Producers (CZE)
- PPC – Public Power Corporation (GRC)
- PGG – Polska Grupa Górnicza S.A. (POL)
- PPWB – Confederation of Polish Lignite Producers (POL)
- GIPH – Górnicza Izba Przemysłowo-Handlowa (POL)
- PATROMIN – Asociaţia Patronală Minieră din Romania (ROU)
- BAZ – Borsod-Abaúj-Zemplén County Government (HUN)
- MMI – Mini Maritza Istok (BGR) – observer
- GIG – Central Mining Research Institute (POL)
- CPERI/CERTH – Chemical Process and Energy Resources Institute (GRC)
- BSN – Branchenverband Steinkohle und Nachbergbau (DEU)
- DTEK (UKR)
- Donetsksteel (UKR)
- Lubelski Węgiel „Bogdanka” S.A. (POL)
- Premogovnik Velenje, d.o.o. (SVN)
- HBP – Hornonitrianske bane Prievidza, a.s. (SVK)
- EPS – Electric Power Industry of Serbia (SRB)
- TKI – Turkish Coal Enterprises (TUR) – observer
- RMU “Banovići” d.d. (BIH)
- KOMAG Institute of Mining Technology (POL)
- Geocontrol S.A. (ESP)
- Subterra Ingeniería S.L. (ESP)
- DMT GmbH & Co. KG (DEU)



Coal in Europe 2020

lignite production, hard coal production & imports

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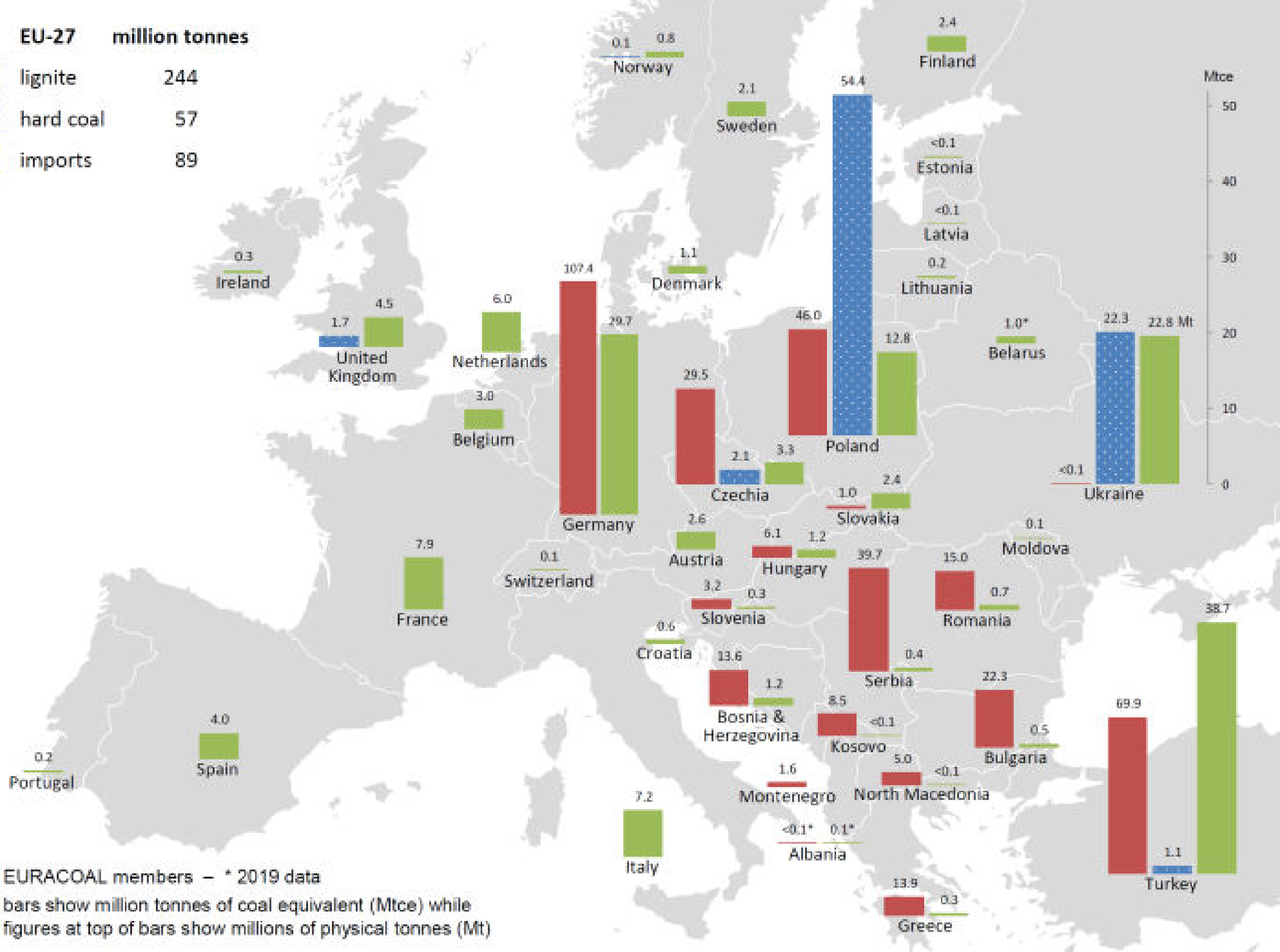
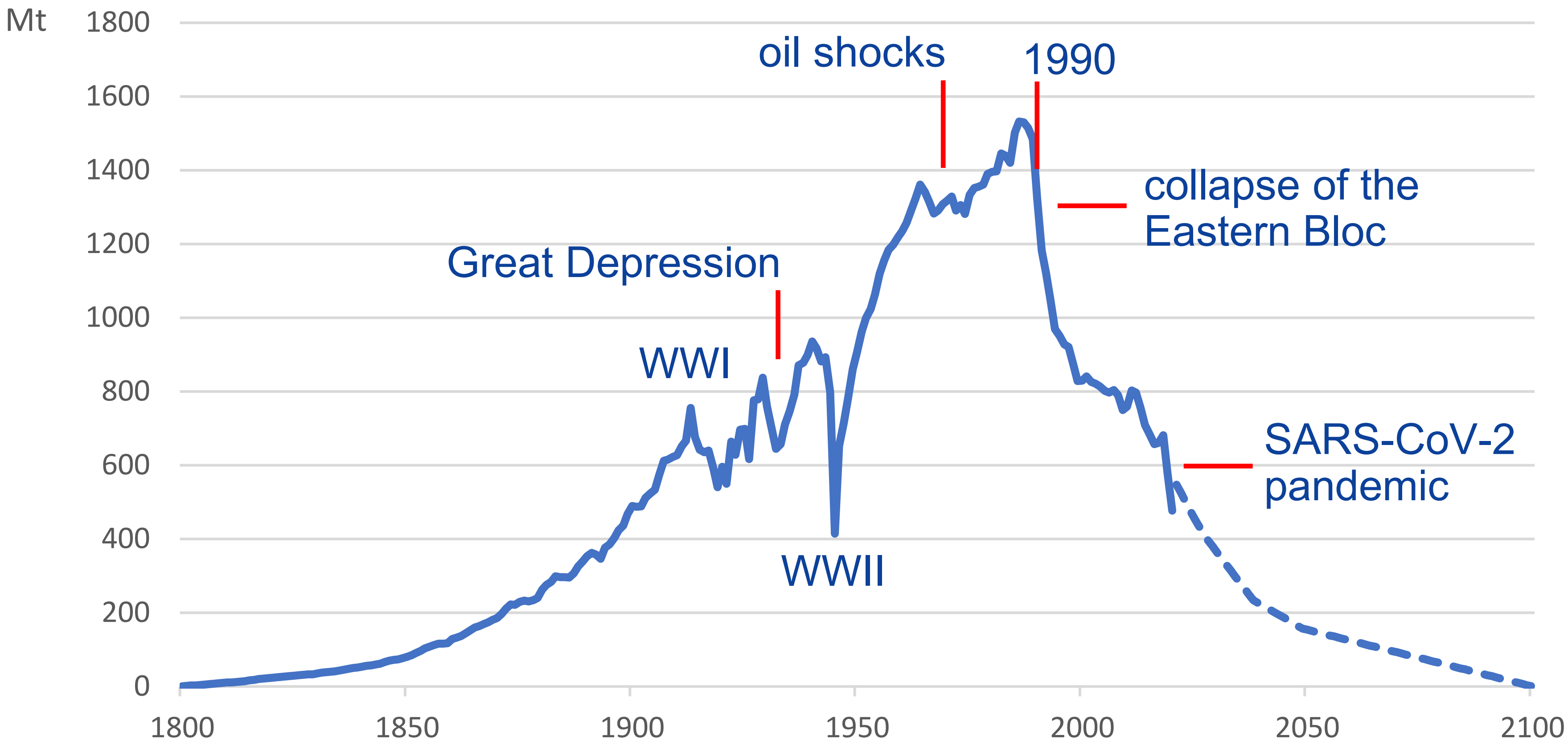
EU-27	million tonnes
lignite	244
hard coal	57
imports	89



Source: EURACOAL members – * 2019 data

Note: bars show million tonnes of coal equivalent (Mtce) while figures at top of bars show millions of physical tonnes (Mt)

European coal production 1800-2020 and forecast to 2100



N.b. includes production in the EU, Turkey, Ukraine and Western Balkans

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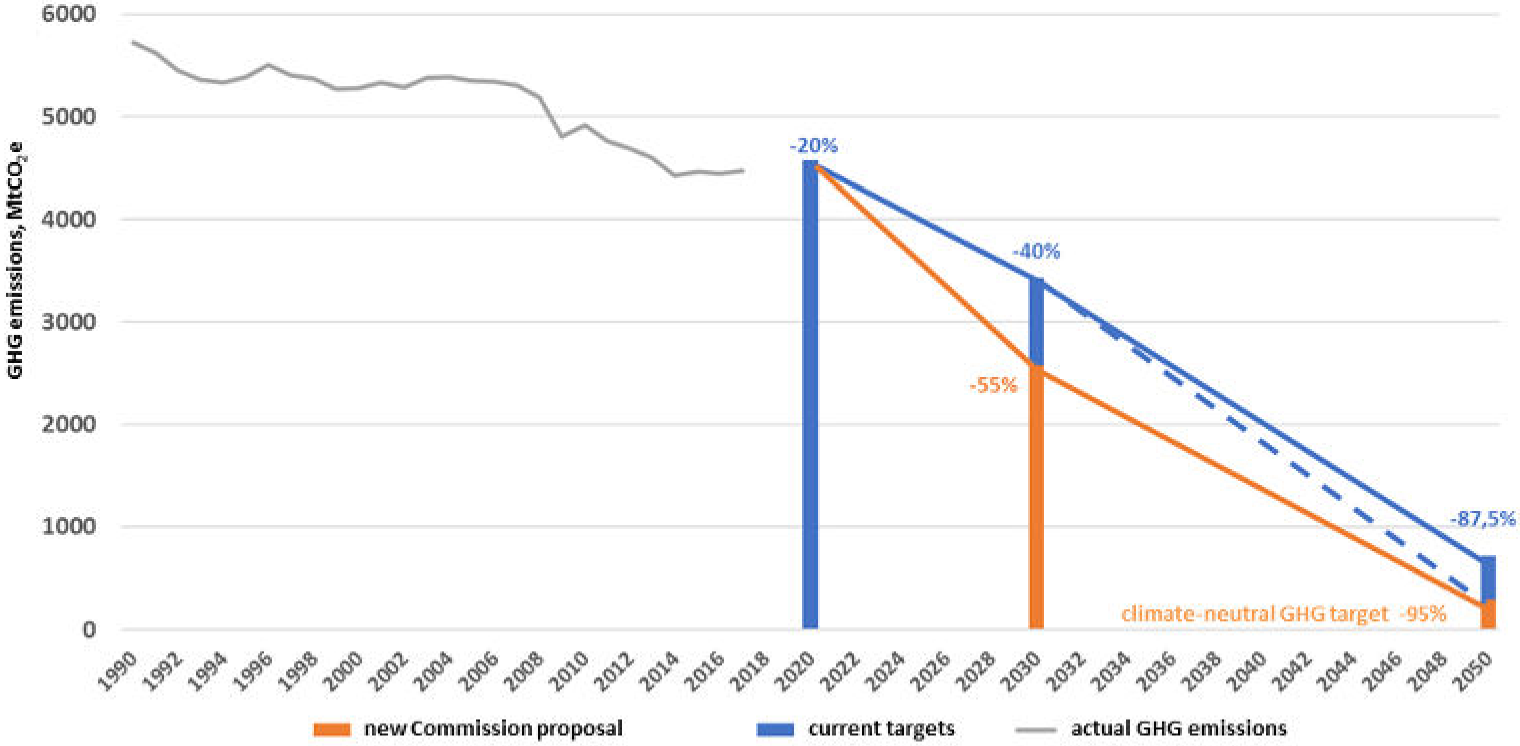
EURACOAL and the Paris Agreement

- Since 1990, coal-related CO_2 emissions have decreased by over 70%.
- Successful climate policy must be globally co-ordinated.
- Security of supply must be guaranteed during the transformation.
- Member States' energy choices must be respected.
- Meeting the Paris Agreement targets will have very different impacts on different Member States.
- Coal-intensive regions need adequate compensation, including to those companies who must restructure and transition to new activities.

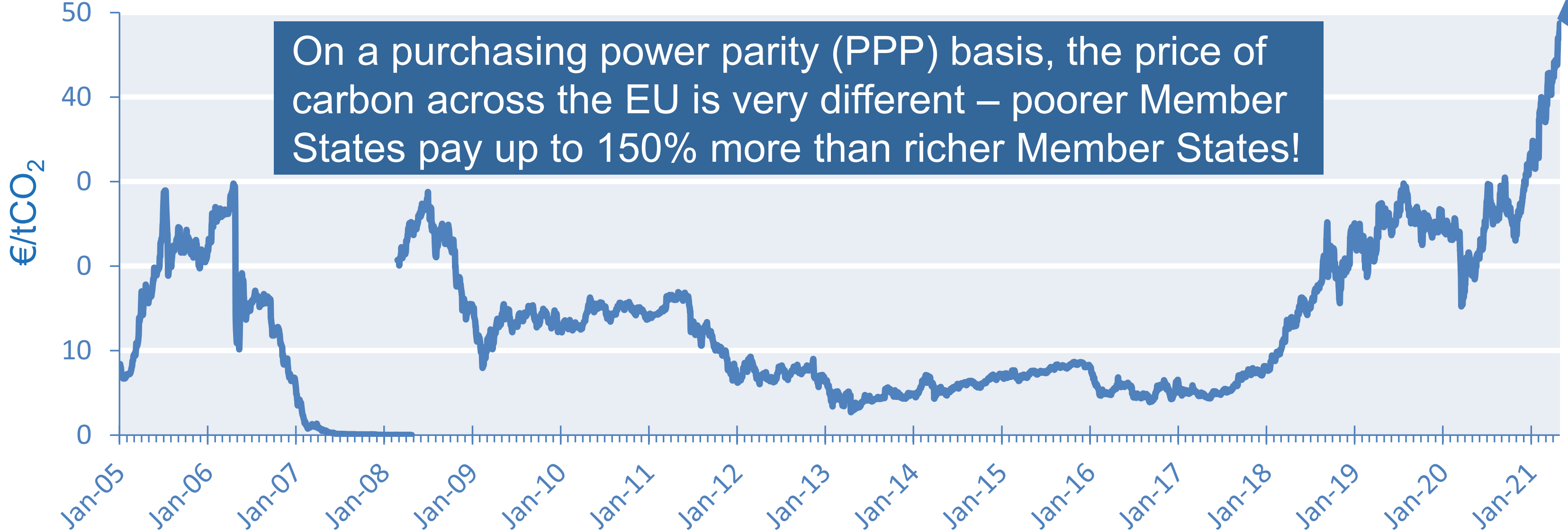
EU climate targets 2030 & 2050: 70% less coal in 2030 *c.f.* 2015



GHG emission reduction over the 10 years from now to 2030 has to be much faster (*c.*3×) than the reduction over the 30 years 1990-2020.

ETS and effort sharing on the road to Paris

- Different sectors react differently to carbon prices.
- Large electricity consumers can simply move.
- For EU ETS sectors: let the system do its job.
- Other, non-ETS sectors will need a separate, differentiated CO_2 pricing or trading system.



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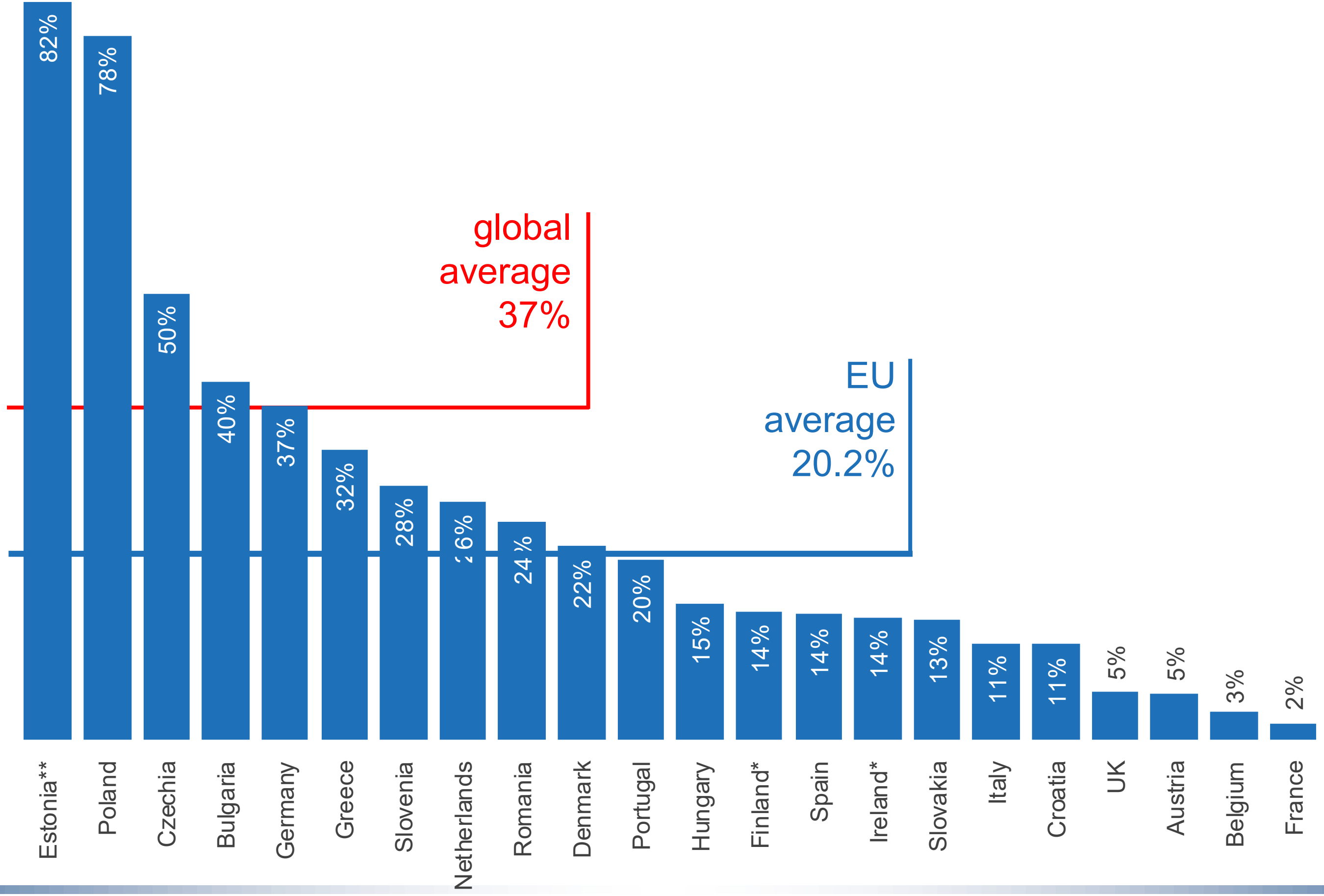
Coal in EU electricity generation, 2018



Source: Eurostat database nrg_bal_peh, last update 21.03.2019 (*n.b.* coal includes peat* and oil shale**)

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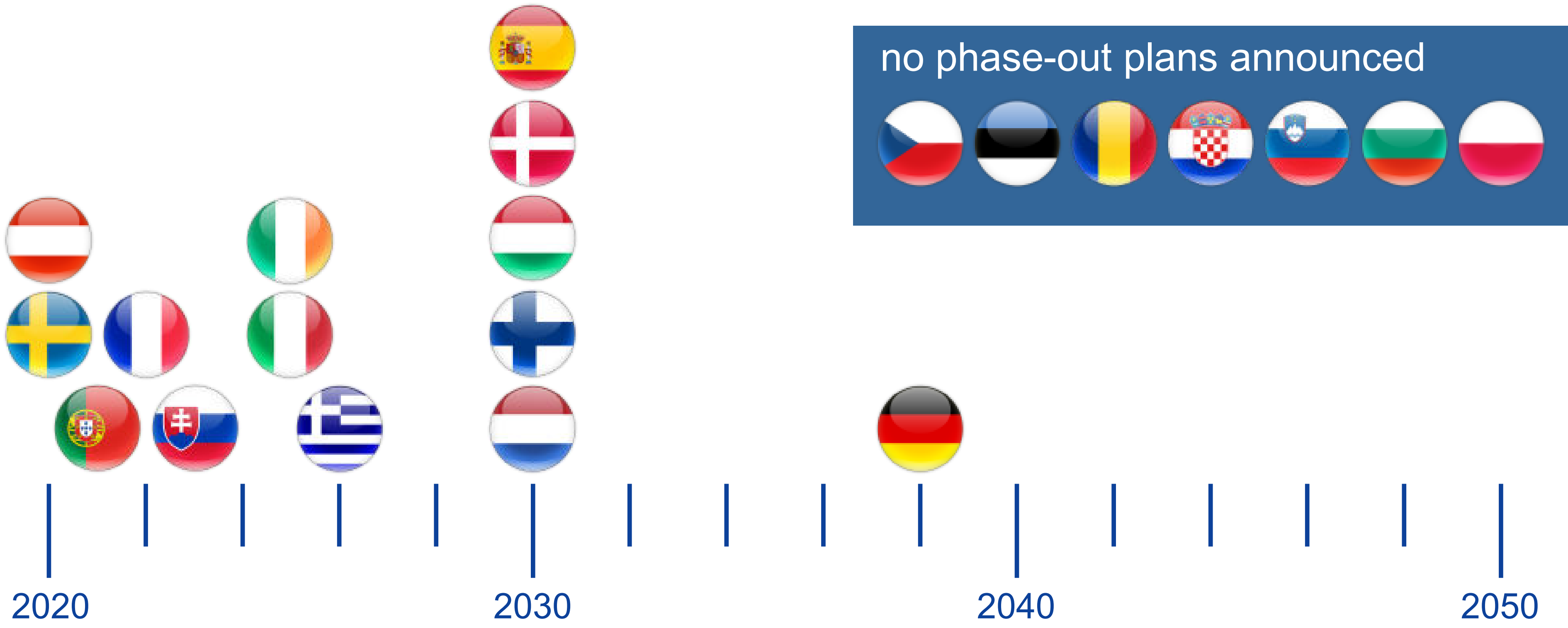
"Fit-for-55" summer package

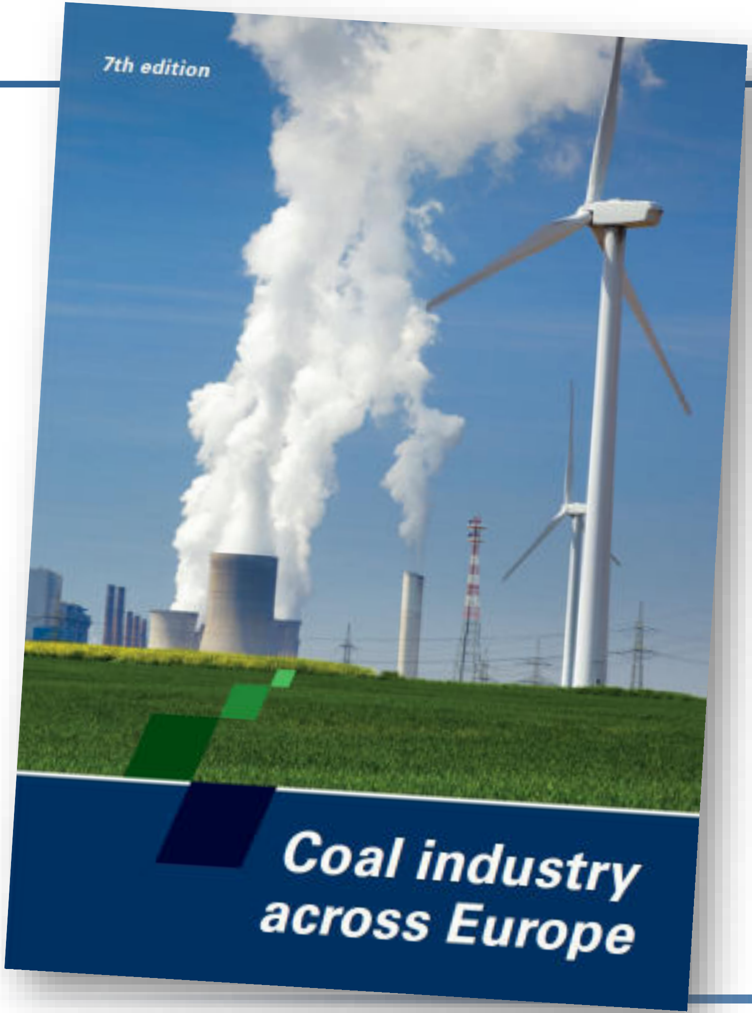
1. Coal is an enabler of security of supply and of competitiveness in many Member States – decreasing, but still vital and valuable.
2. Guarantee security of energy supply, ensure storage capacity, support CCUS and recognise the role of nuclear power in certain Member States.
3. Impact assessments on how energy security, economic competitiveness and social cohesion can be assured.
4. Determine the socio-economic impacts on individual Member States.
5. Promote a global level playing field (G20).
6. Targets in the European Climate Law must not be legally enforceable.
7. Increase the size and duration of JTF/JTM resources, allow support for large companies with no conditionality.

Coal, peat & oil shale phase-out plans in EU member states



After coal phase out

- Utilities will diversify.
- Mining companies will use their assets: land and infrastructure.
- Reskilling and upskilling of workers is vital.
- Case-by-case evaluations needed: new and alternative energy projects, energy storage projects, critical and new raw materials, re-purposing.
- Preserve coal's cultural heritage.



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Thank you!

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