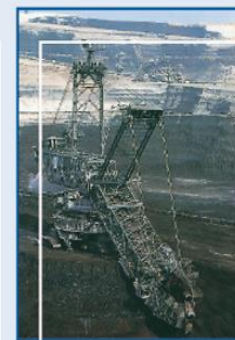
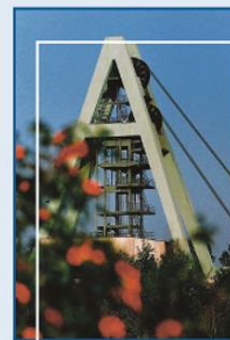


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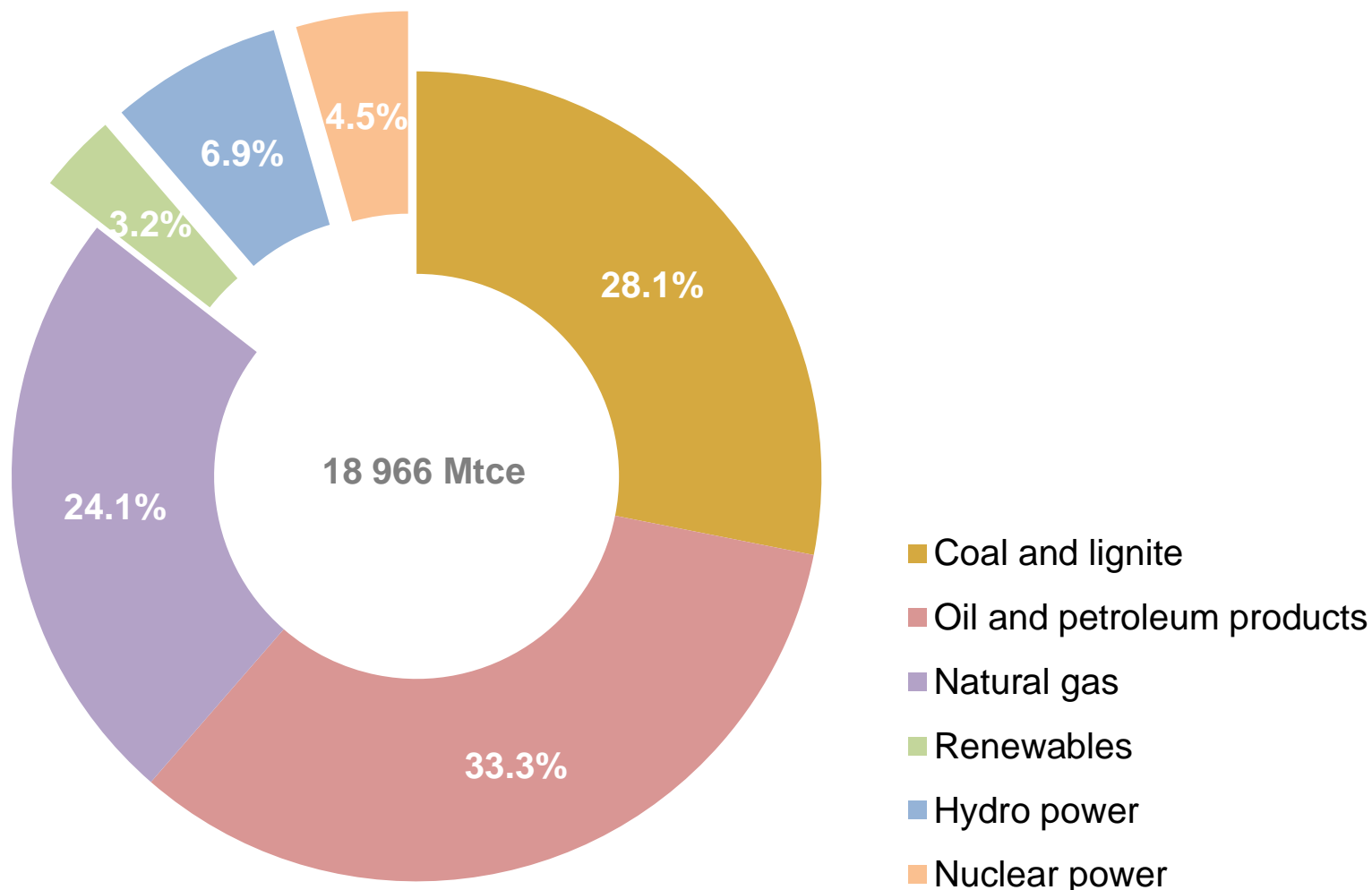


A tour of recent developments in EU climate and energy policy: the implications for coal and lignite

Vth European Mining Business Forum
Marinela Hotel
Sofia, Bulgaria

Brian Ricketts
Secretary General
18 May 2018

Fossil fuels in world energy supply, 2016






Source: BP Statistical Review of World Energy 2017, BP plc, London, June

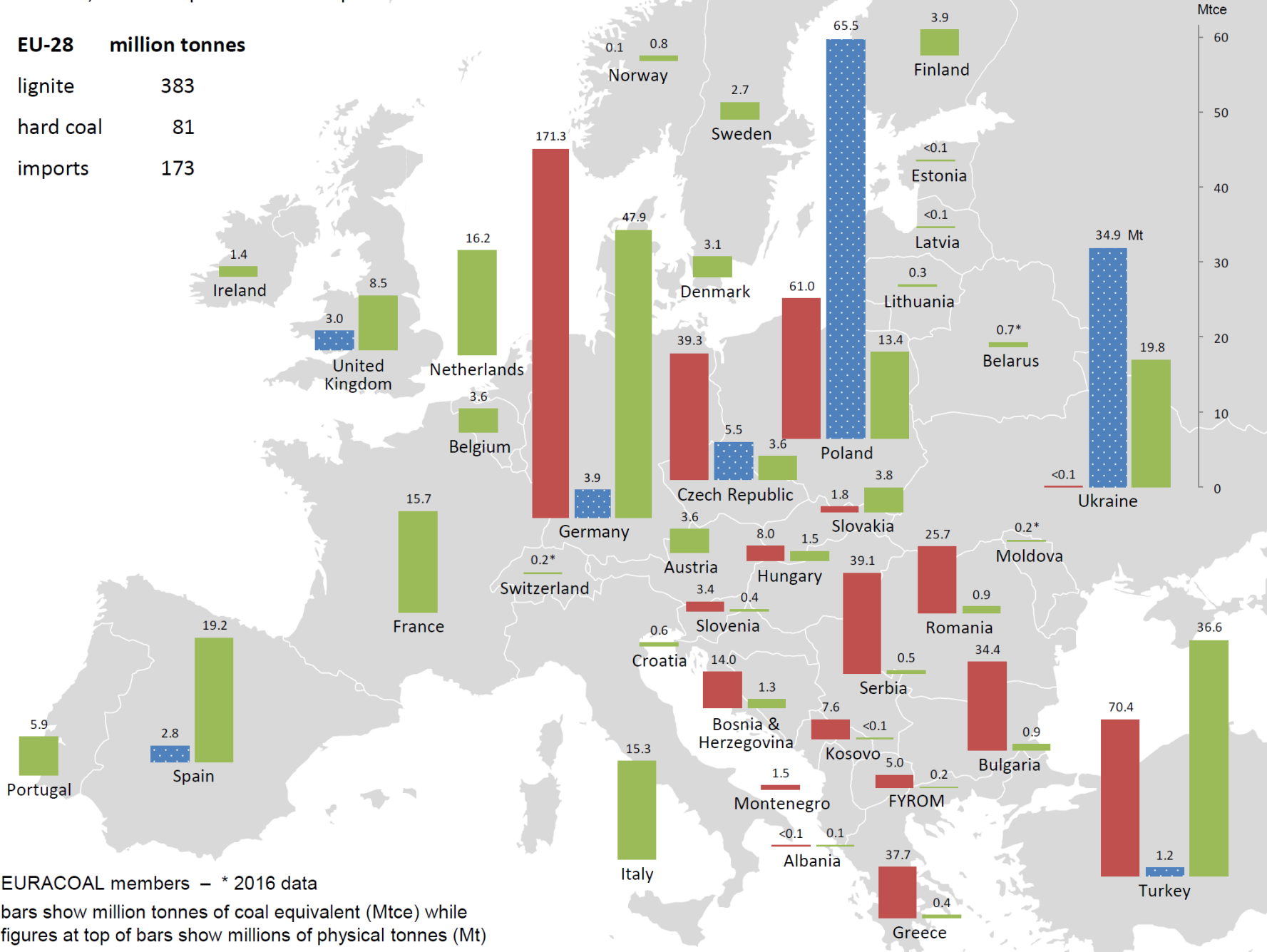
>96% from conventional sources in 2016. Coal use forecast to be flat to 2040.

Coal in Europe 2017

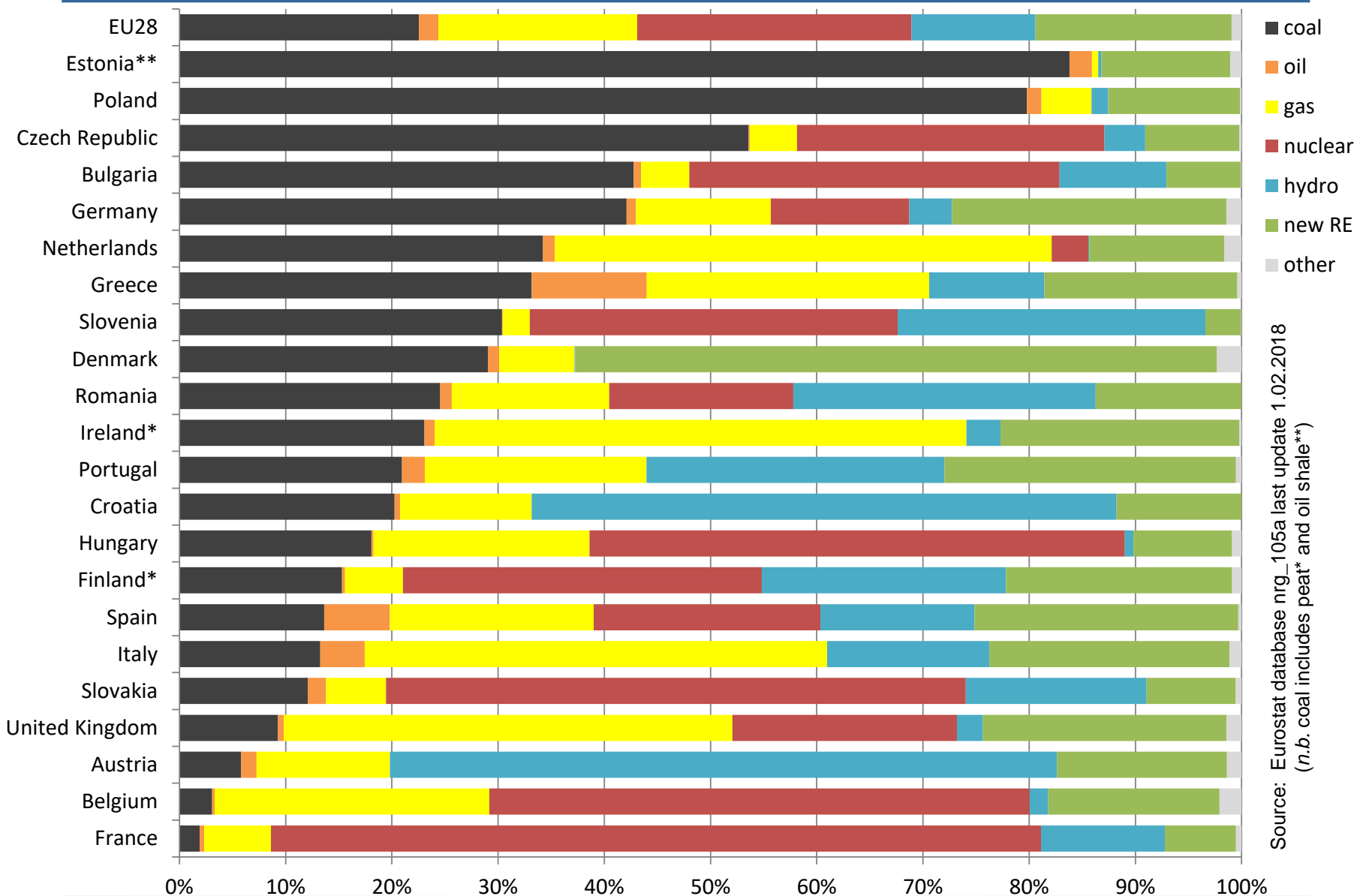
lignite production, hard coal production & imports

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EU-28		million tonnes
	lignite	383
	hard coal	81
	imports	173

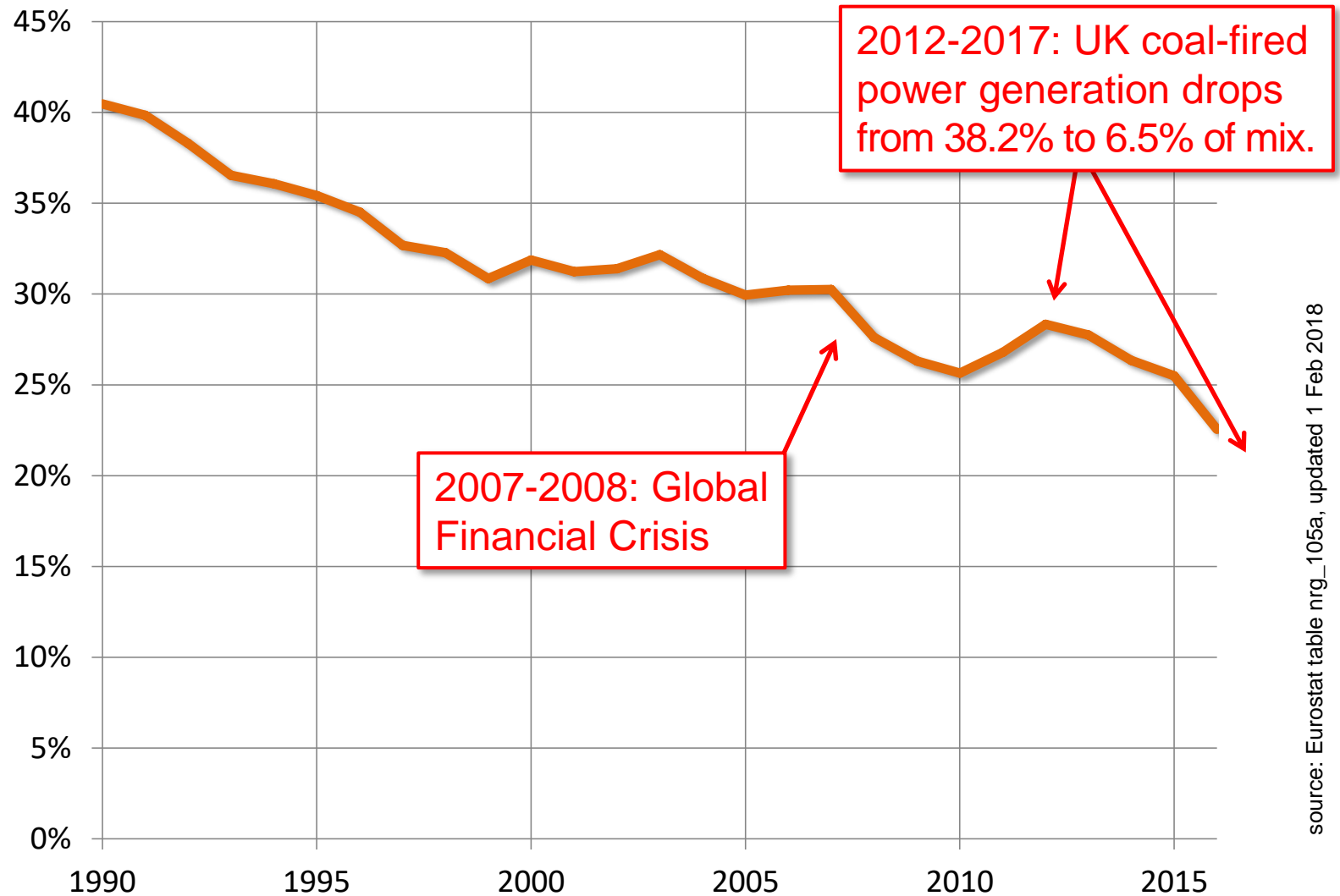


Energy mix for EU electricity generation, 2016



Source: Eurostat database nrg_105a last update 1.02.2018
(n.b. coal includes peat* and oil shale**)

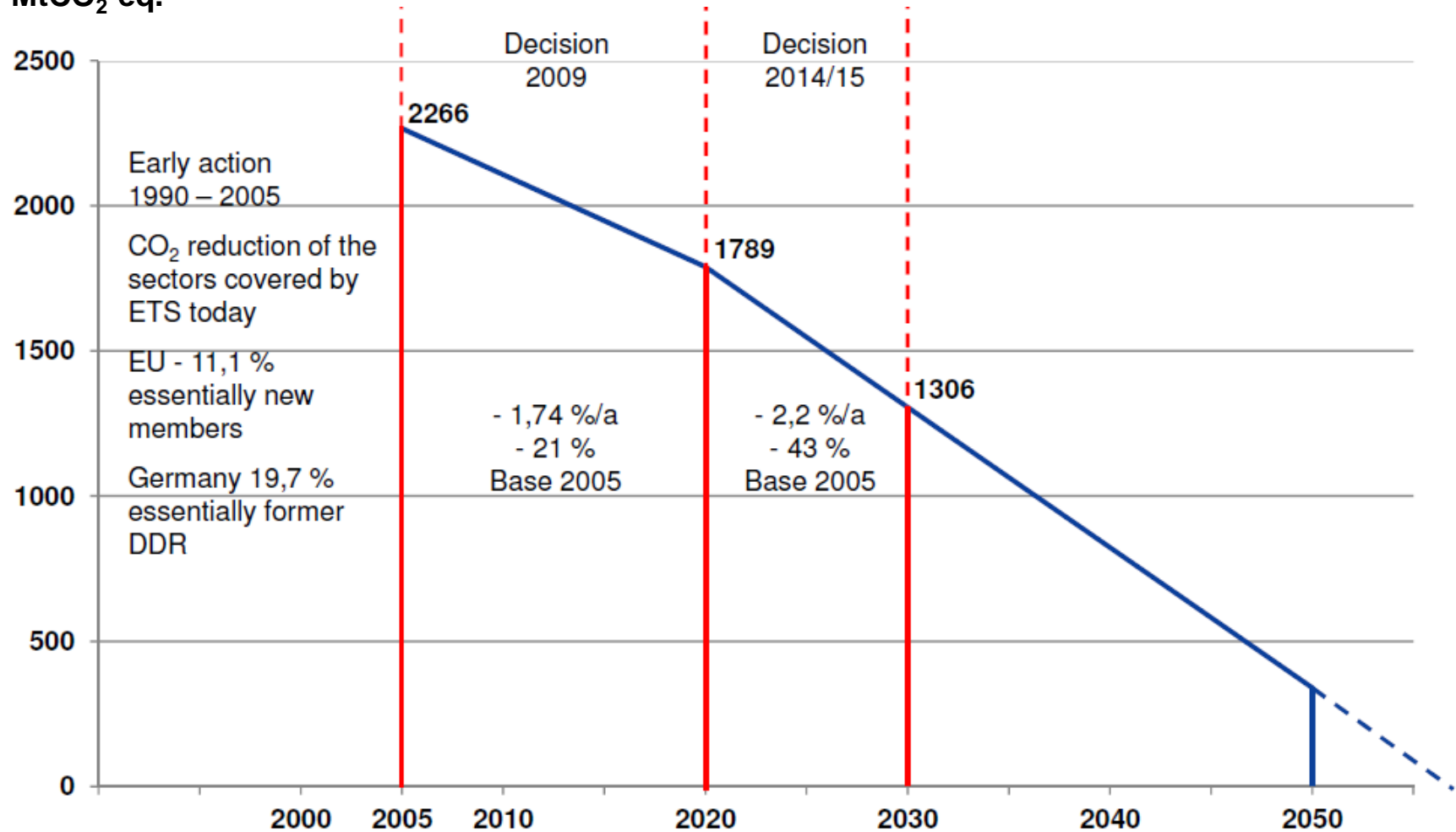
Coal's share in EU power generation, 1990-2016



Coal use has been declining in the UK for over 100 years – since 1913.

EU Emission Trading Scheme = zero CO₂ in 2058

MtCO₂-eq.



EU ETS is the key instrument designed for the long term.

Current threats to coal use in Europe

- Reform of the EU Emissions Trading System:
 - steeper annual linear reduction: 2.2% from 2021 (*c.f.* 1.74%)
 - Market Stability Reserve means c.1.2 billion fewer allowances from 2023.
 - EURACOAL delayed this reform by five years, after successfully lobbying the European Parliament to reject, in April 2013, the Commission's earlier "back-loading" proposal.
- "Clean Energy for All Europeans" package:
 - Emission performance standard (550 gCO₂/kWh) excludes all coal- and lignite-fired power plants from capacity markets – a way of rewarding reliability and flexibility.
 - EURACOAL and PKEE campaign against the 550 standard.
- Large Combustion Plants Best Available Techniques (BAT) Reference Document (LCP BREF):
 - EURACOAL has brought an action against the European Commission in the European Court of Justice.

Is Nord Stream 2 also a threat to coal?



Coal Regions in Transition Platform

The Coal Platform is one of the key accompanying actions announced by the European Commission as part of its “Clean Energy for All Europeans” package in December 2016. It aims to boost the *clean energy transition* by fostering new skills, structural transformation and financing for the real economy.

The platform brings together stakeholders with an interest in the successful economic diversification and technological transformation of coal- and carbon-intensive regions, such as national and regional public authorities, business representatives, social partners and civil society.



L-R: Dr. Lars Kulik, EURACOAL; Dr. Renata Eisenvortová, EURACOAL; Ms. Anna Colucci, DG Energy; and Commissioner Crețu at the launch of the Coal Platform in Strasbourg on 11 December 2017.

EURACOAL is an active partner in the Coal Platform's technology WG.

Strong partners, stakeholders & political support

Project partners:



CERTH

CENTRE FOR RESEARCH & TECHNOLOGY HELLAS

EURACOAL

European Association
for Coal and Lignite
AISBL



GŁÓWNY
INSTYTUT
GÓRNICTWA



Project workshops:



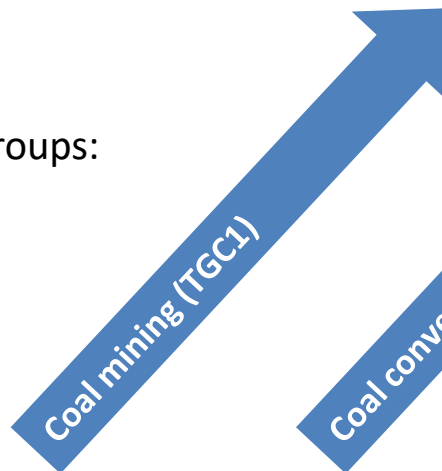
CoalTech2051

PROJECT WORK PLAN 07.2018 to 06.2020

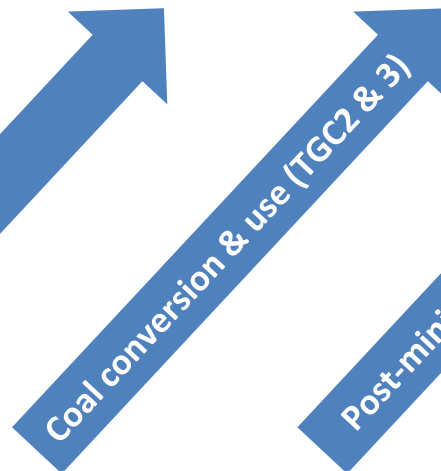
Stakeholder working groups:



Research Fund
for Coal & Steel



Coal mining (TGC1)



Coal conversion & use (TGC2 & 3)



Post-mining



HIGH-
LEVEL
ADVISORY
PANEL

Project supporters (EU and international), CAG members,
TGC members, EURACOAL members and other stakeholders

Strategic research agenda for coal R&D

CoalTech2051



International
Industry4Europe
Circular-Economy
Clean-Coal-Technologies
Critical-Raw-Materials
Health-&-Safety
Clean-Air-for-Europe
Hydrogen-Economy
Smart-Grids
Post-Mining
Climate-Action

Deliverables: strategic research agenda & network of clean coal technologists.

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Thank you!



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