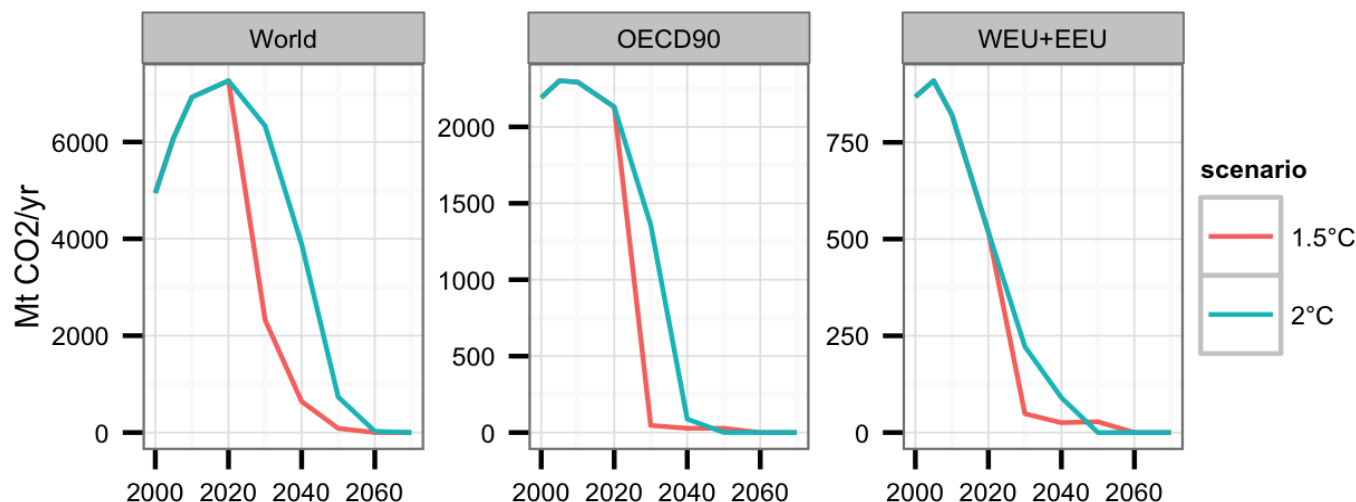


2030 Package (generation related) - NGO point of view-

Christian Schaible, European Environmental Bureau
EPPSA 11th Technology evening, Brussels 23 January 2017

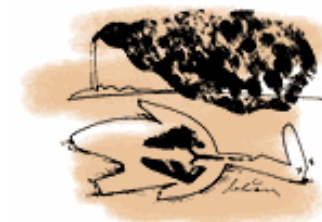
Outlook: reaching 1.5C° Paris target



Emissions from coal need to become (close to*) zero by

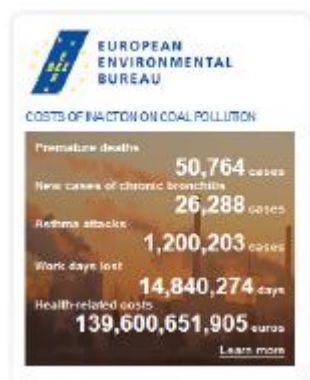
	World	OECD	WEU+EEU
1.5°C	2050	2030	2030
2°C	2060	2040	2040

Theoretical gains air pollution, thermal power revised LCP BREF?



Scenario (257 coal/lignite)	Premature deaths/year	Externalised costs in Billion €/year
Baseline (2013)	22,900	~33.3-63.2
True BAT	2,590	3.7
BREF (upper range)	8,900	12.8-24.3

← www.eeb.org/index.cfm/death-ticker/

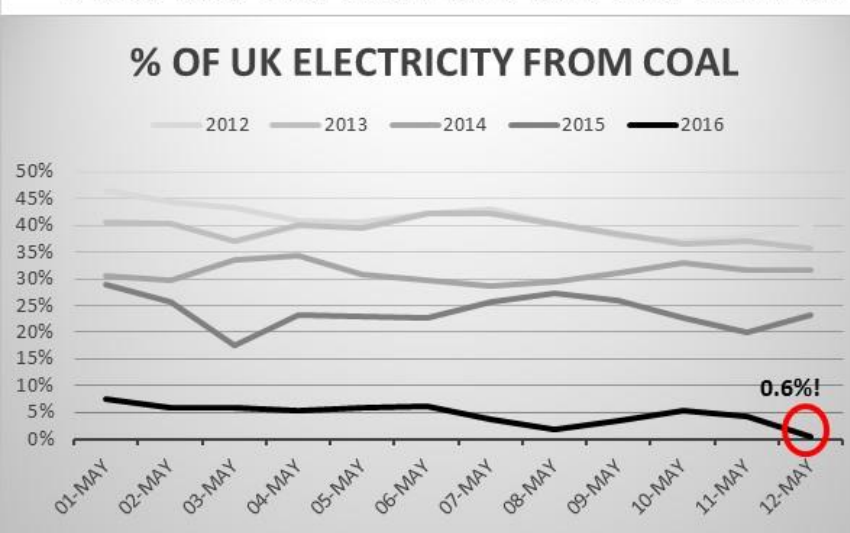
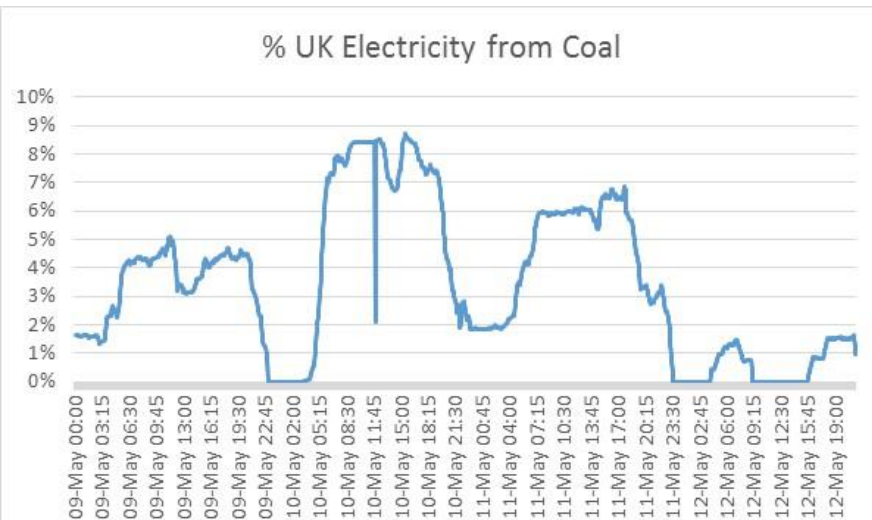


**HEALTH AND ECONOMIC
IMPLICATIONS OF ALTERNATIVE
EMISSION LIMITS
FOR COAL-FIRED POWER PLANTS
IN THE EU**



GREENPEACE

Outlook: energy efficiency and increased renewables



GO100%

100% renewable energy is not a fantasy

Electricity production in Germany in May 2016

usage tips

date selection

year: 2016

month: May

week: << >>

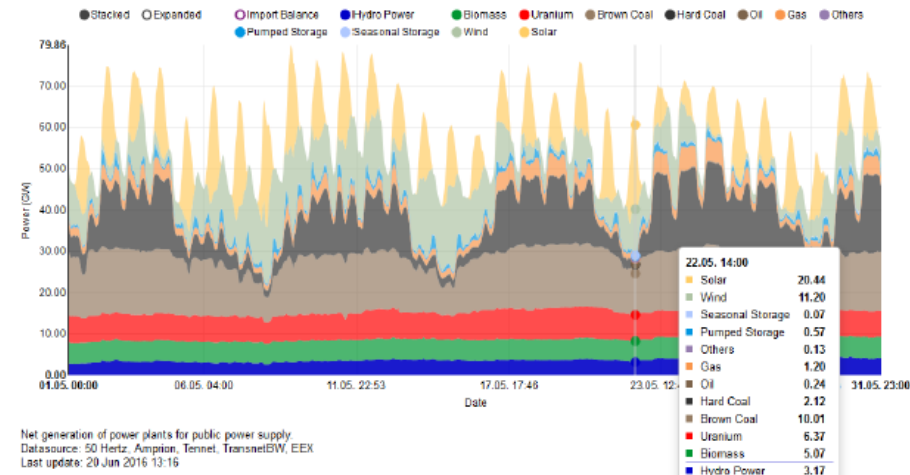
☐ conv. >100MW

☐ all sources

☐ solar, wind

☐ import, export

print



Net generation of power plants for public power supply.
 Datasource: 50 Hertz, Ampion, Tennet, TransnetBW, EEX
 Last update: 29 Jun 2016 13:16

Key messages / positions (generation related)

- Ambitious targets RES [45% share] and EE [40%]
- No more indirect subsidies to fossil fuels (capacity payments, recovery of retrofits costs)
- More meaningful EPS: 320g CO₂eq/KWh with minimum net electrical efficiencies of 60%, robust adequacy assessment and added value to relevant 'Union Standards'
- Provide safeguards on bioenergy sustainability and ensure net emissions savings. Options include fuel utilisation benchmark e.g. >85% (CHP)

Thank you for your attention !

European Environmental Bureau
Bureau Européen de l'Environnement

Boulevard de Waterloo
B- 1000 Brussels
Belgium

Tel: + 32 2 289 10 90
Fax: + 32 2 289 10 99

E-mail: christian.schaible@eeb.org
Site Web: www.eeb.org

Coming soon: [NGO BREF website](#)

An international non-profit association
Association Internationale sans but lucratif

