

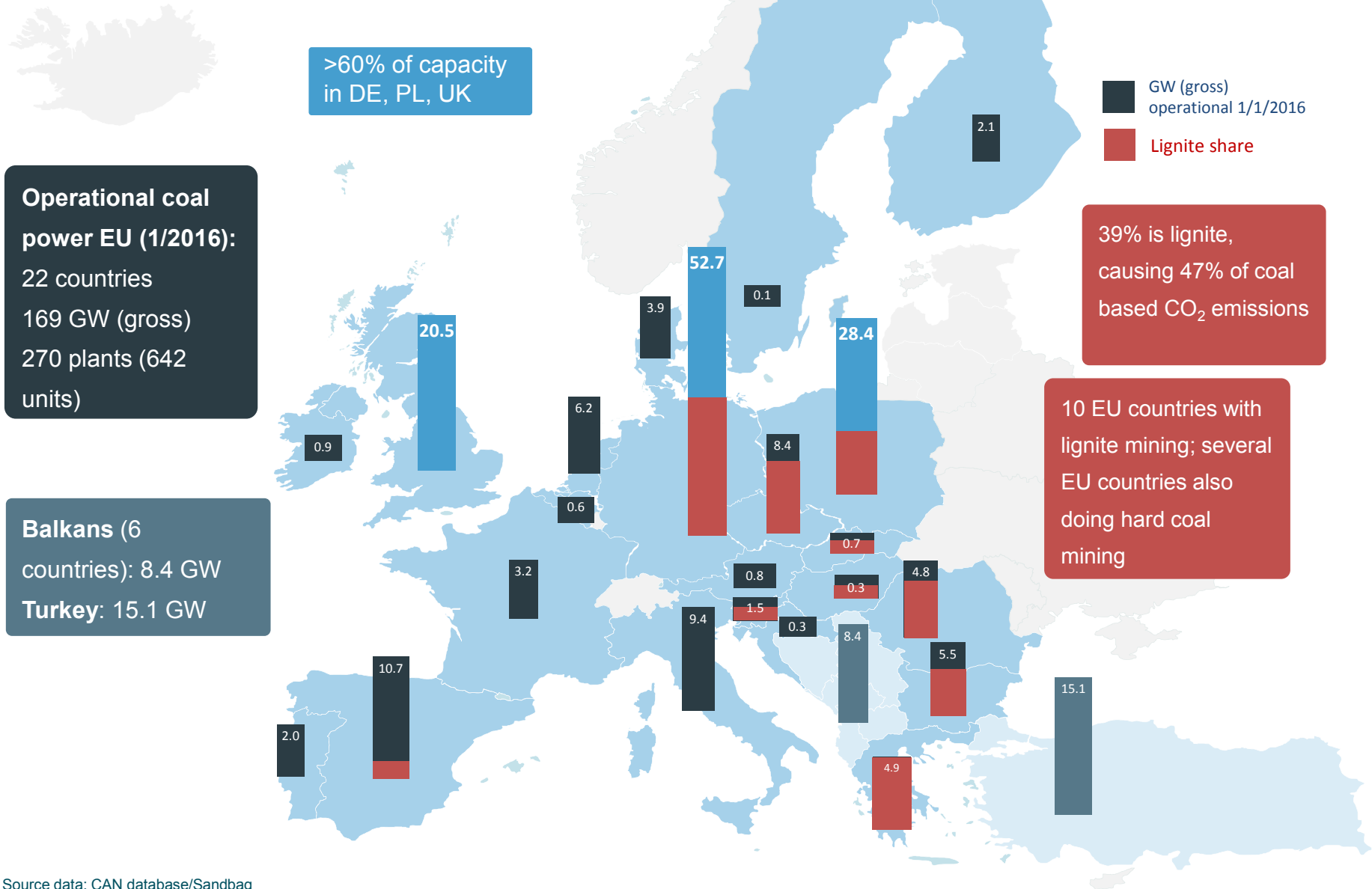
CAN Europe

ANTI-COAL CAMPAIGNING ON A EUROPEAN LEVEL

Outline

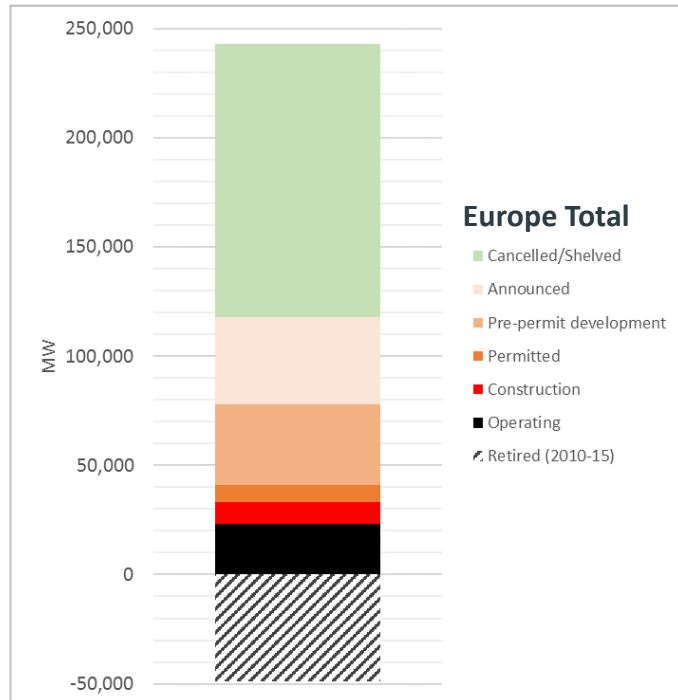
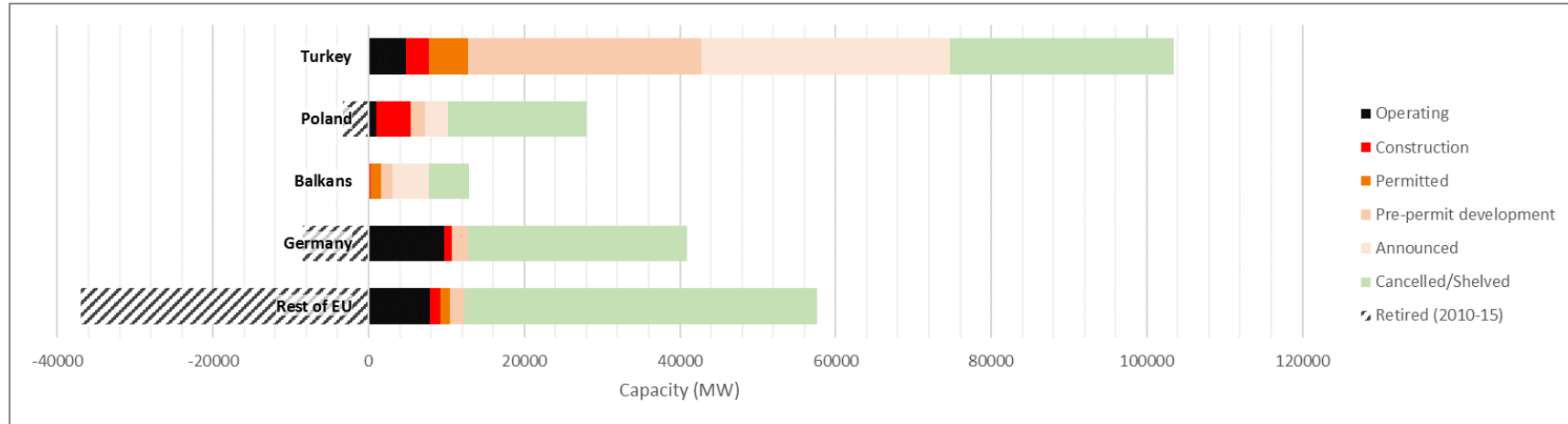
1. Setting the scene: coal in Europe
2. The European coal network: goals, strategies, tools, activities
3. Network structure and CAN's coordination role

Coal power plant gigawatt capacity - 2016



Source data: CAN database/Sandbag

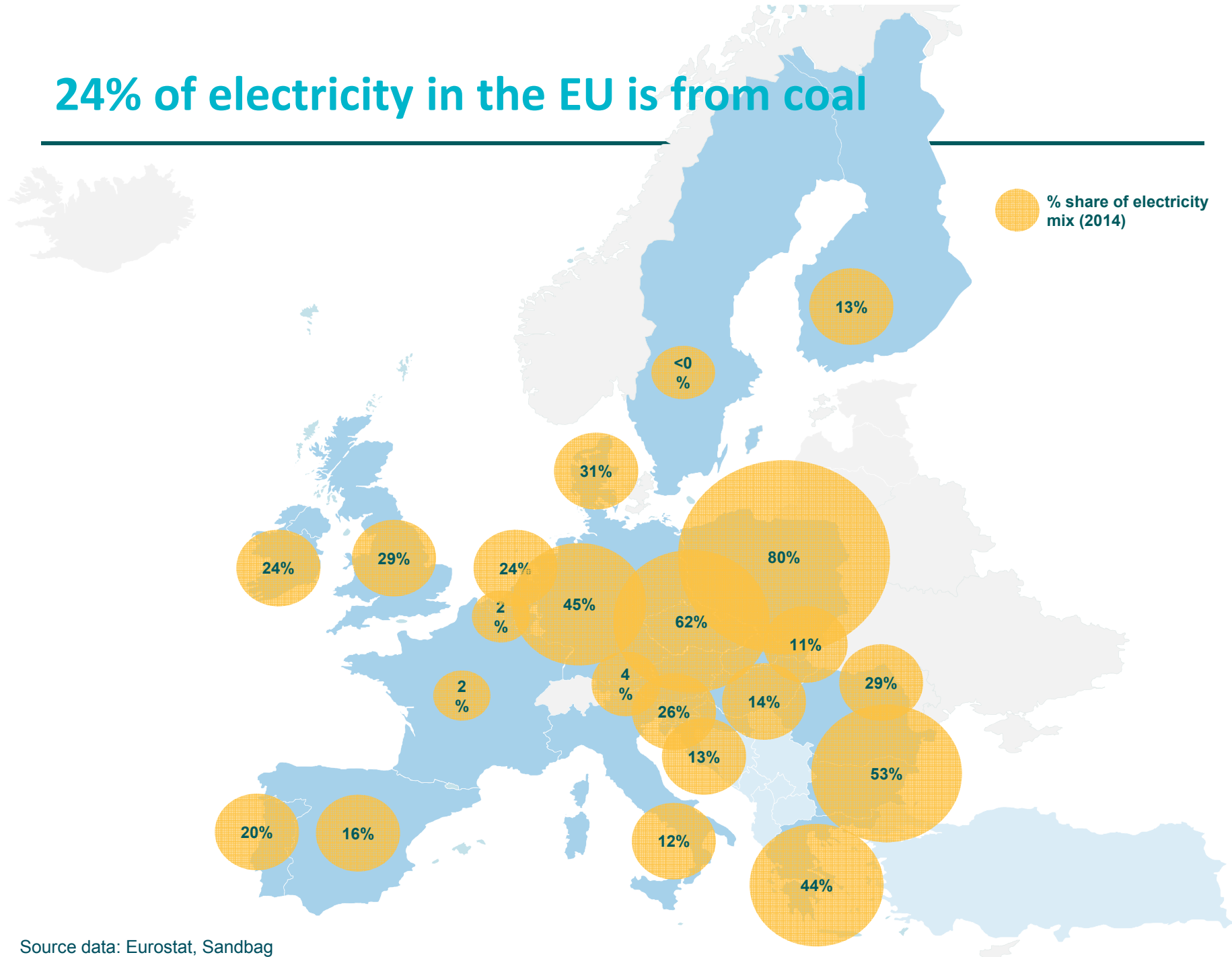
New coal in the pipeline (2016)



- **Turkey:** 69 GW proposed, 3 GW under construction
- **Western Balkans:** 7.5 GW proposed, 0 GW under construction
- **Poland:** 5.8 GW proposed, 4.4 GW under construction

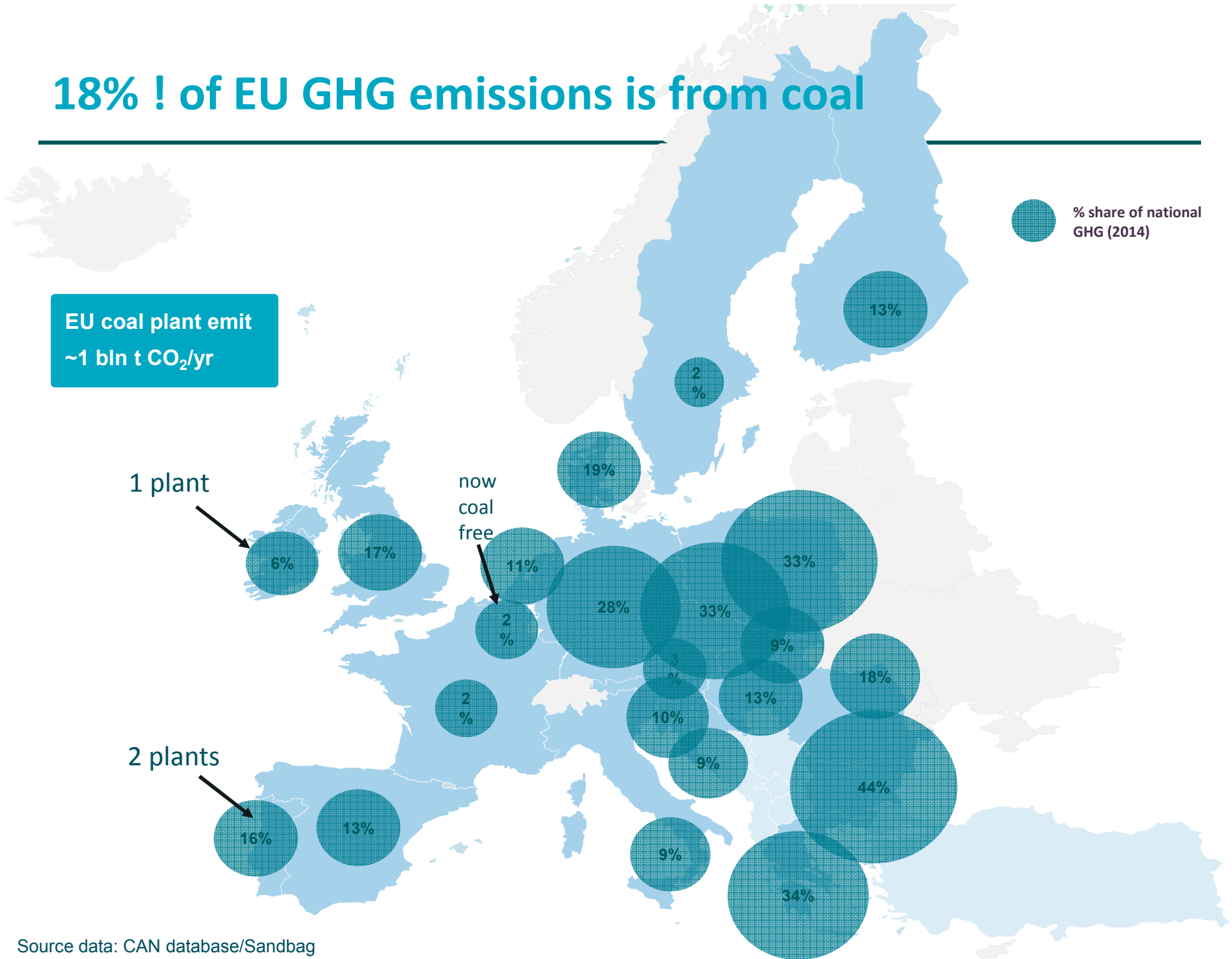
- EU total: 2010-2015:**
- 91 GW cancelled
 - 82 GW proposed, 10.6 GW under construction
 - Rate of cancellation 2:1

24% of electricity in the EU is from coal



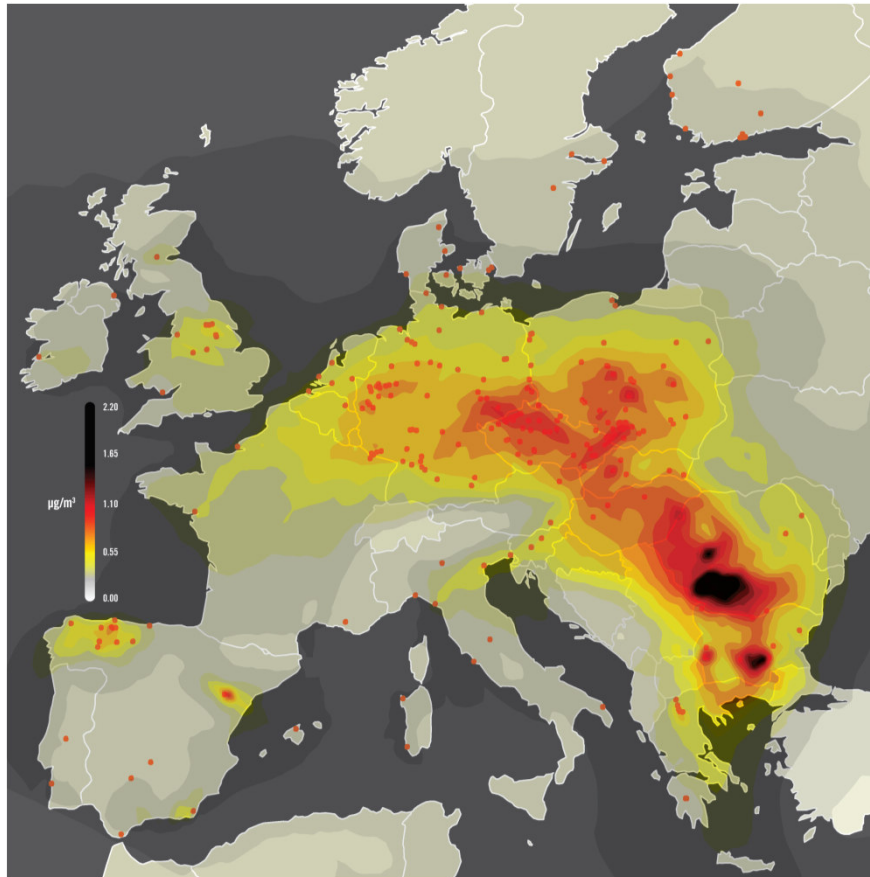
Source data: Eurostat, Sandbag

18% ! of EU GHG emissions is from coal

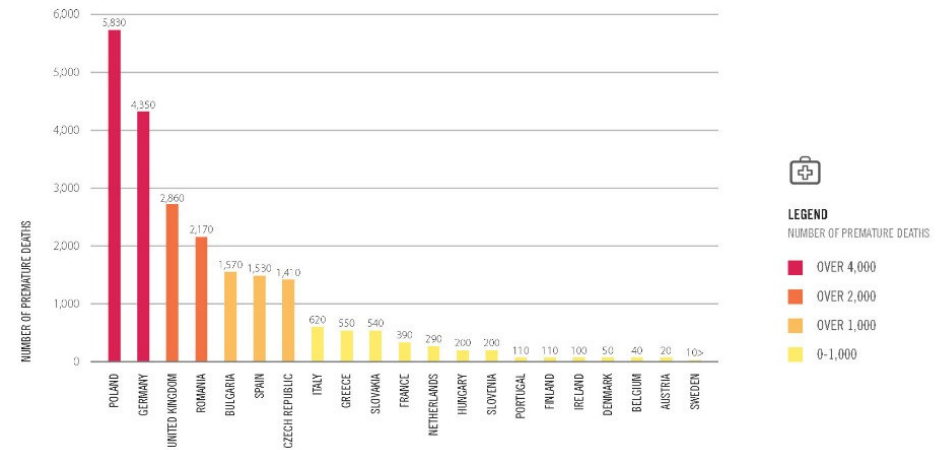


Source data: CAN database/Sandbag

Pollution and deaths from EU coal plants

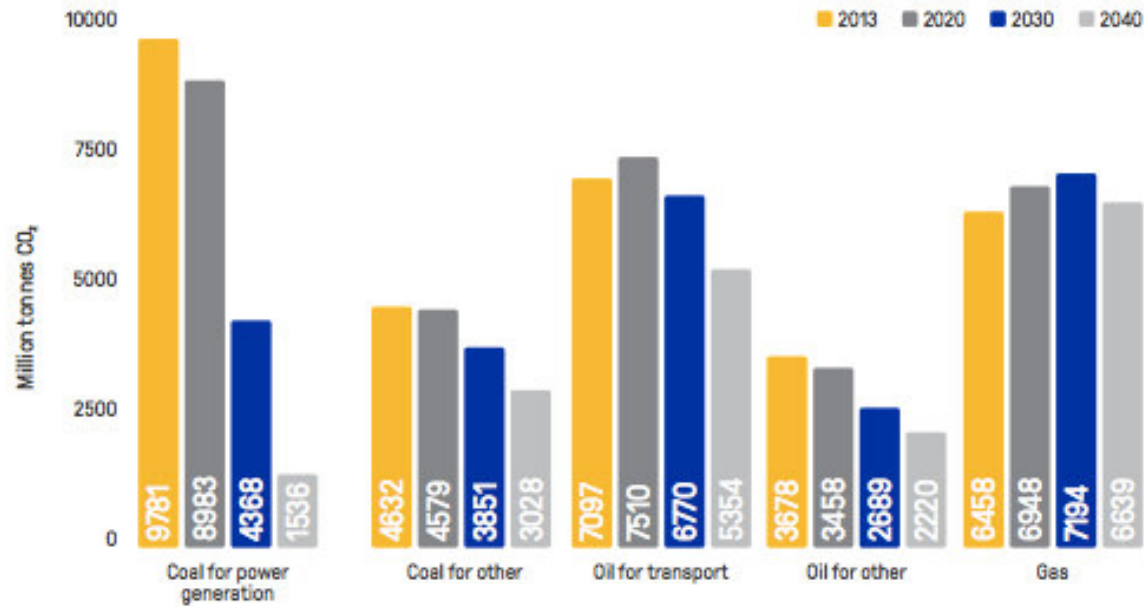


Premature deaths caused by coal plants, per country responsible



- EU coal plant cause **22,900 premature deaths/yr**
- **62.3 bln € health costs/yr**
- BG&RO: account for 17% of deaths despite burning only 6% of EU coal

Coal exit critical to close the 2oC emissions gap



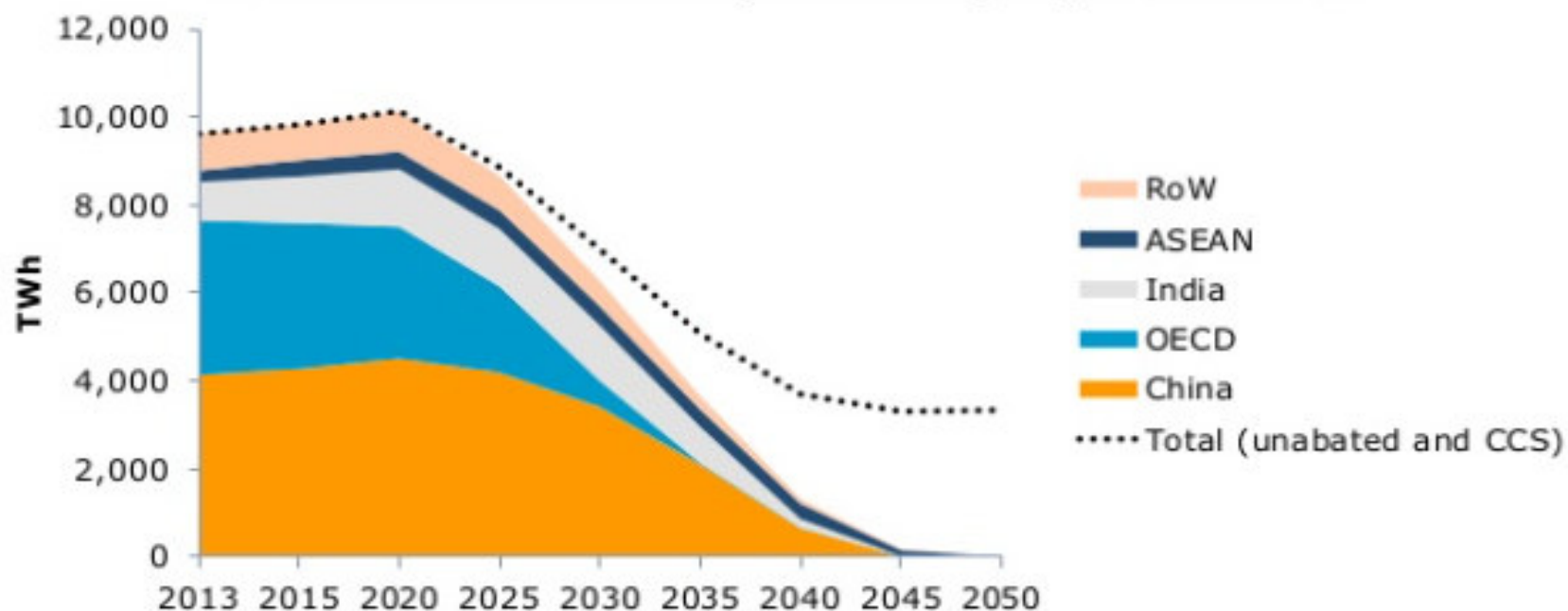
IEA 2oC model shows that global coal power sector emissions need to deliver bulk of fossil fuel reductions required by 2040

Figure 2, Source: IEA scenario from 'World Energy Outlook 2015'.

In 2oC scenario OECD needs to become coal free by 2035 – for Paris we will need to do more

To meet 2° C goal unabated coal needs to be phased-out by 2050

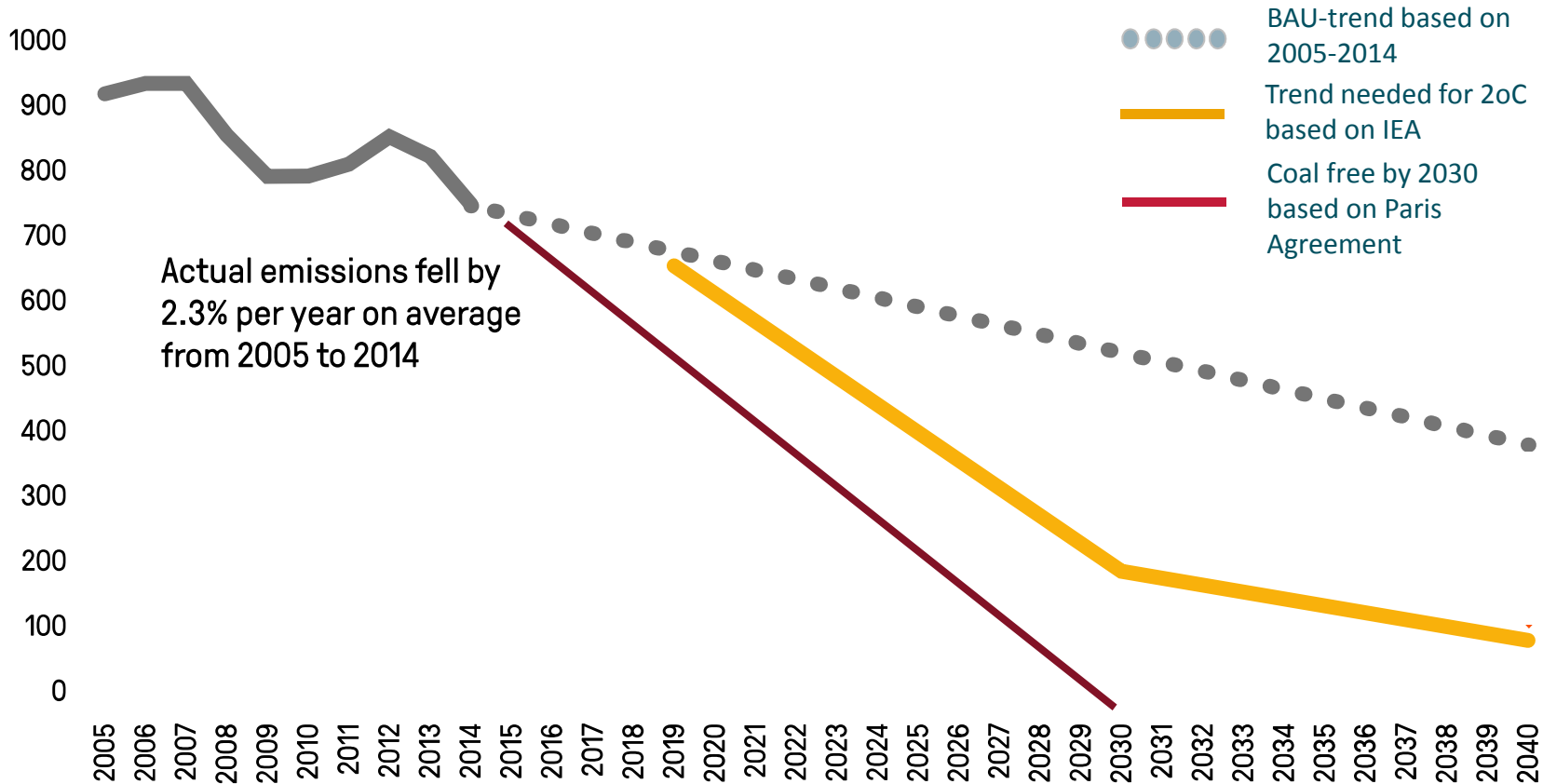
Global unabated coal-fired generation by region in the 2DS



Source: Energy, Climate Change and Environment (2016)

ETP 2DS foresees a phase-out of unabated coal power in OECD countries by 2035 – and the entire world by 2050

EU coal CO2 emissions falling, but not fast enough



Graph: Sandbag, Source: CAN database, IEA

THANK YOU

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<http://www.caneurope.org/energy/coal-phase-out>

Resources

- CAN Europe's [European Coal Map \(2015\)](#)
- Can Europe et al. 2016: [Europe's Dark Cloud: How coal-burning countries are making their neighbours sick](#)
- CAN Europe et al. 2016: [Lifting Europe's Dark Cloud: How cutting coal saves lives](#)
- Greenpeace & CAN Europe 2015: [End of an Era: Why every European country needs a coal phase-out plan](#)