

Incorporating ESCOs in Nationally Determined Contributions



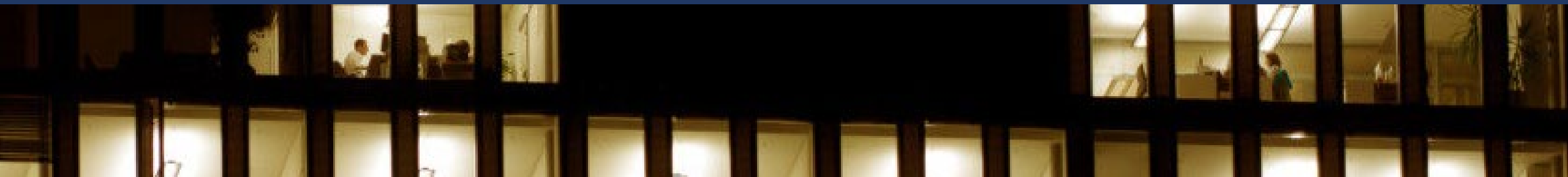
• 5 years ago ...



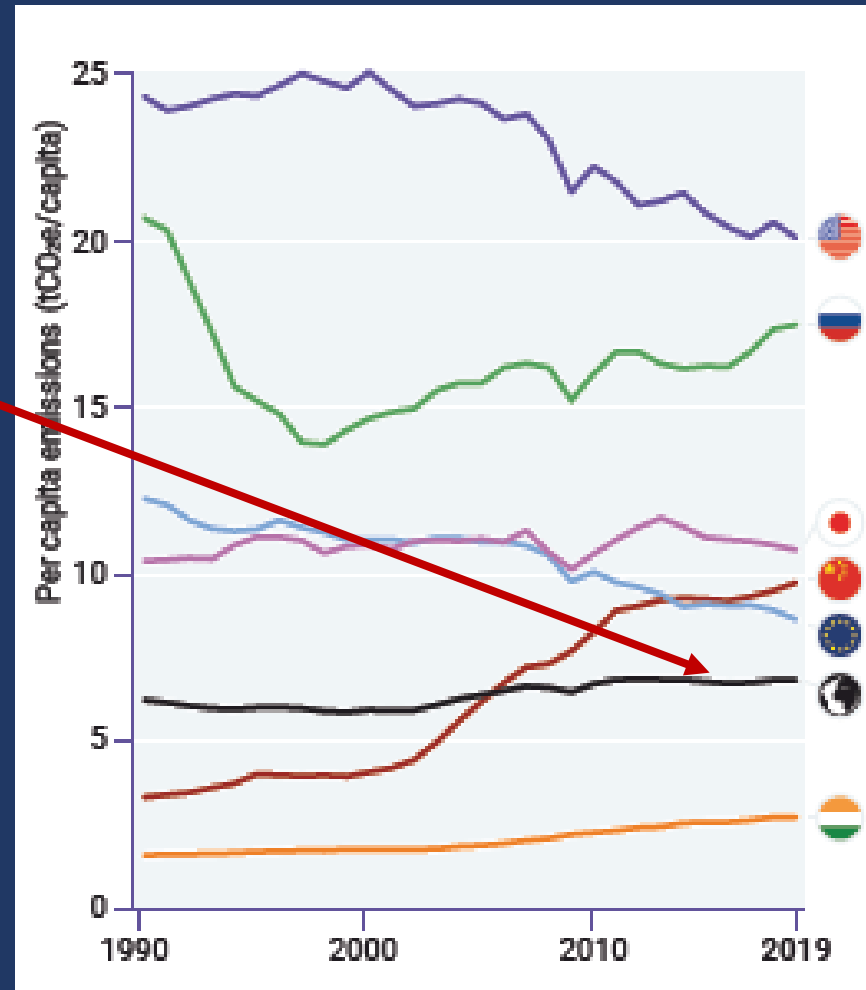
Nationally Determined Contributions

- By 2030, annual emissions need to be 15 GtCO₂e lower than current unconditional NDCs imply for a 2°C goal, and 32 GtCO₂e lower for the 1.5°C goal. Collectively, current policies fall short 3 GtCO₂e of meeting the level associated with full implementation
- The emissions gap has not been narrowed compared with 2019 and is, as yet, unaffected by COVID-19.

(UNEP: 2020 Emissions GAP Report)



Efficiency gains
do not keep up...



UNEP: Emissions GAP
Report 2020

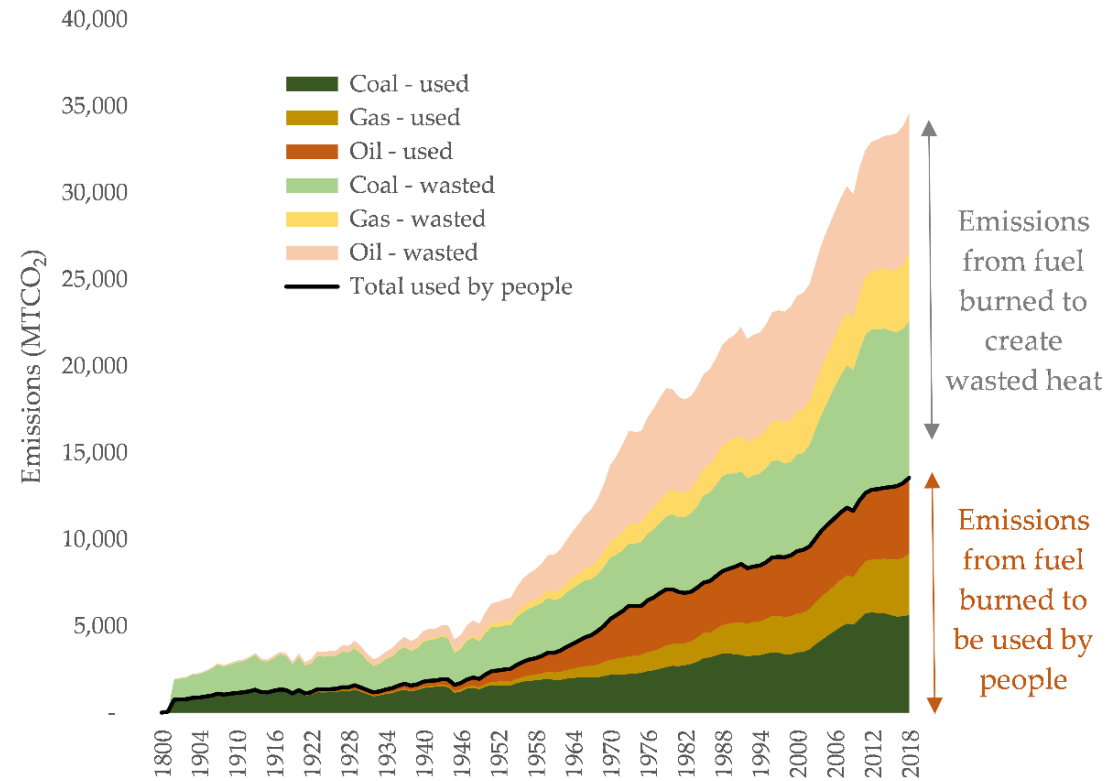


Even if there is plenty of wasted energy to exploit...

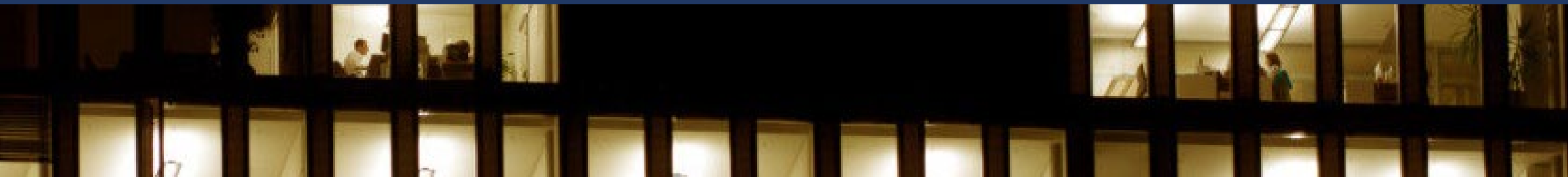
Source:
Ketan Joshi 2020

Most energy, and therefore emissions, from fossil fuels goes to waste as it is burned
If fossil fuels were 100% efficient, emissions would be today what they were in 1970

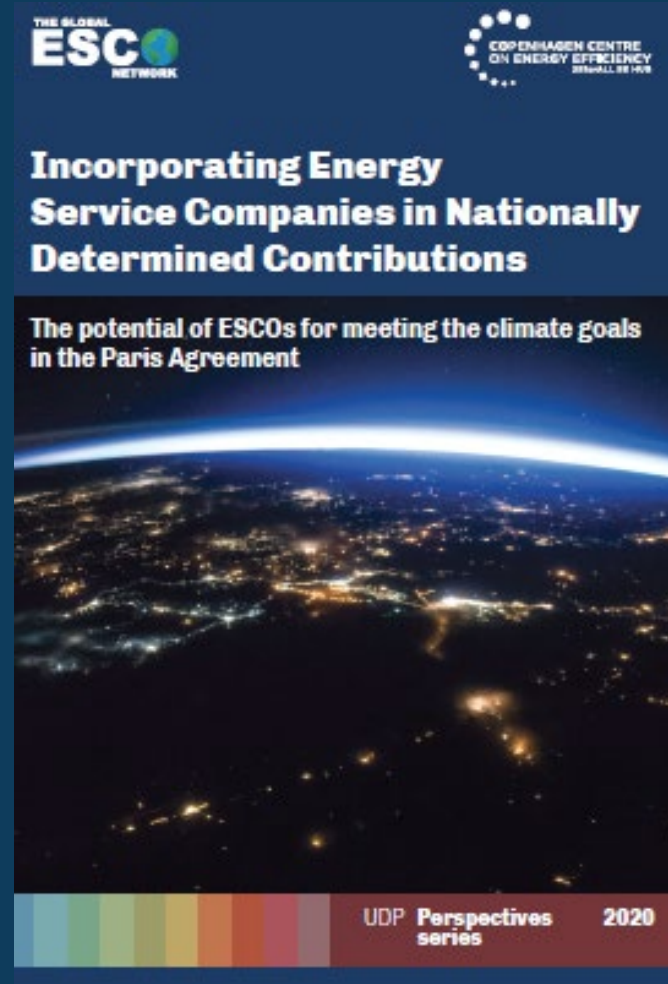
Total historical emissions by destiny of fuel burned - OWID, EcoFys 2019



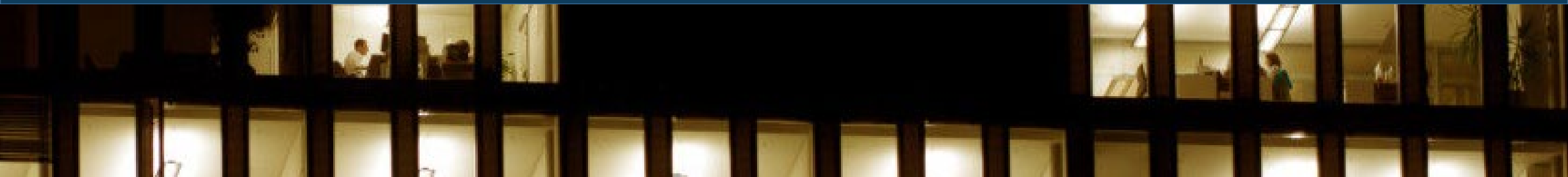
- Energy Efficiency is very far from delivering on its potential
- In CDM and JI it delivered only 11% of the projects and 8% of reductions
- In NDCs, energy efficiency is a focus of only a third (albeit mentioned in 90+%)
- ESCOs are not a focus in any



- With our book launch today we want to bring the ESCO onto the national NDC agendas
- ...and to bring forward the best ESCO expertise and experience to support this endeavour



https://c2e2.unepdtu.org/kms_object/incorporating-energy-service-companies-in-nationally-determined-contributions-the-potential-of-escos-for-meeting-the-climate-goals-in-the-paris-agreement/



We believe

- that ESCOs are the instrument that makes energy efficiency potentials tangible
- that ESCOs have been overlooked in international climate change advice
- that ESCOs offer the best returns of any climate change motivated action
- that ESCOs in many cases are labour intensive and offer great opportunities to build back better after Covid-19 - with a focus on 'green' and climate change

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