



European Sustainable Energy Seminar
Nordic Folkecenter for Renewable Energy, Denmark
August 17-20, 2021

The Transition to Renewable Energy and a Climate Neutral Europe

How far are we? What can we expect from European New Green Deal
and other European policies?

Progress on national level, new developments with the corona crisis

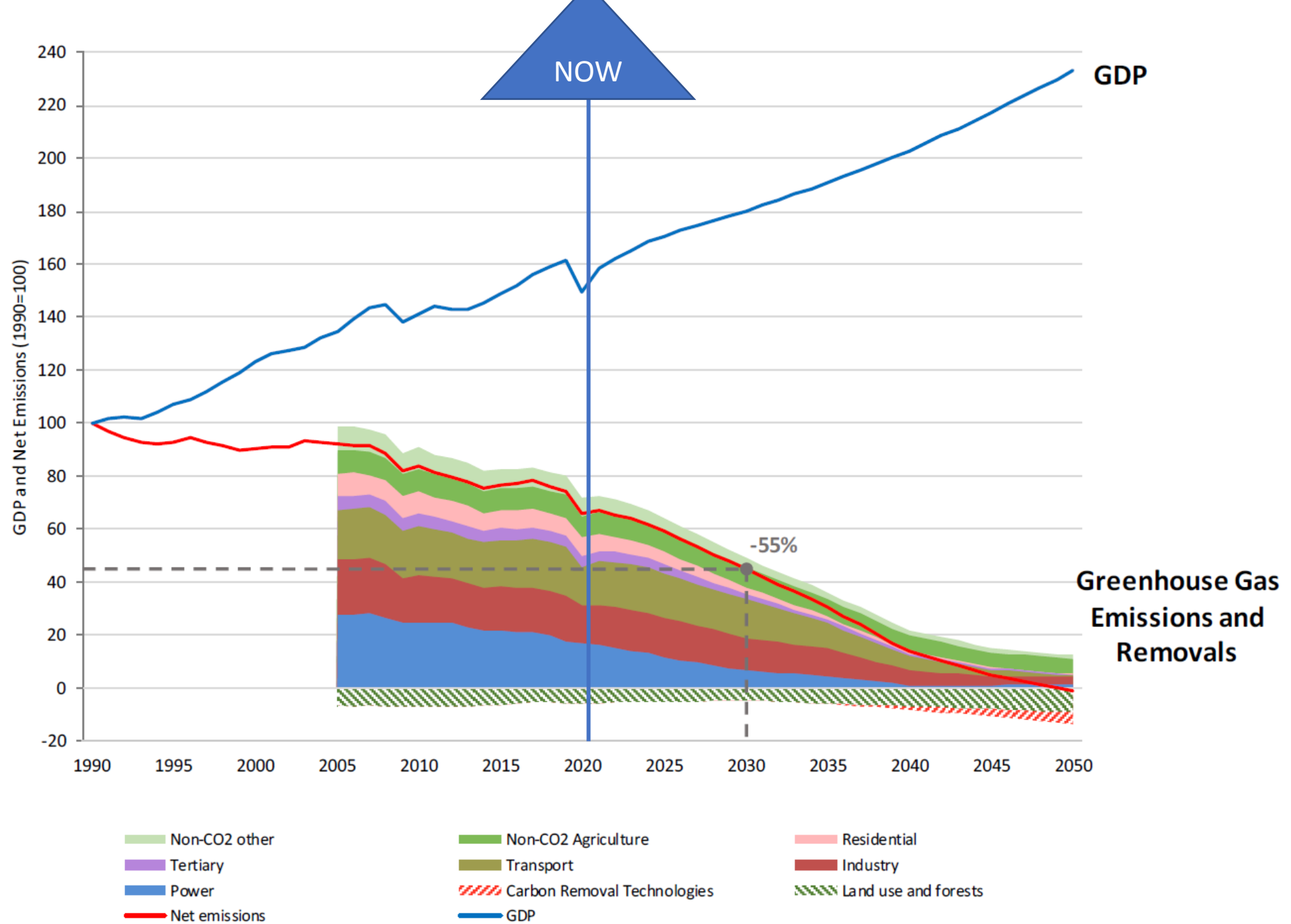
17 August, 2021

Gunnar Boye Olesen, INFORSE-Europe

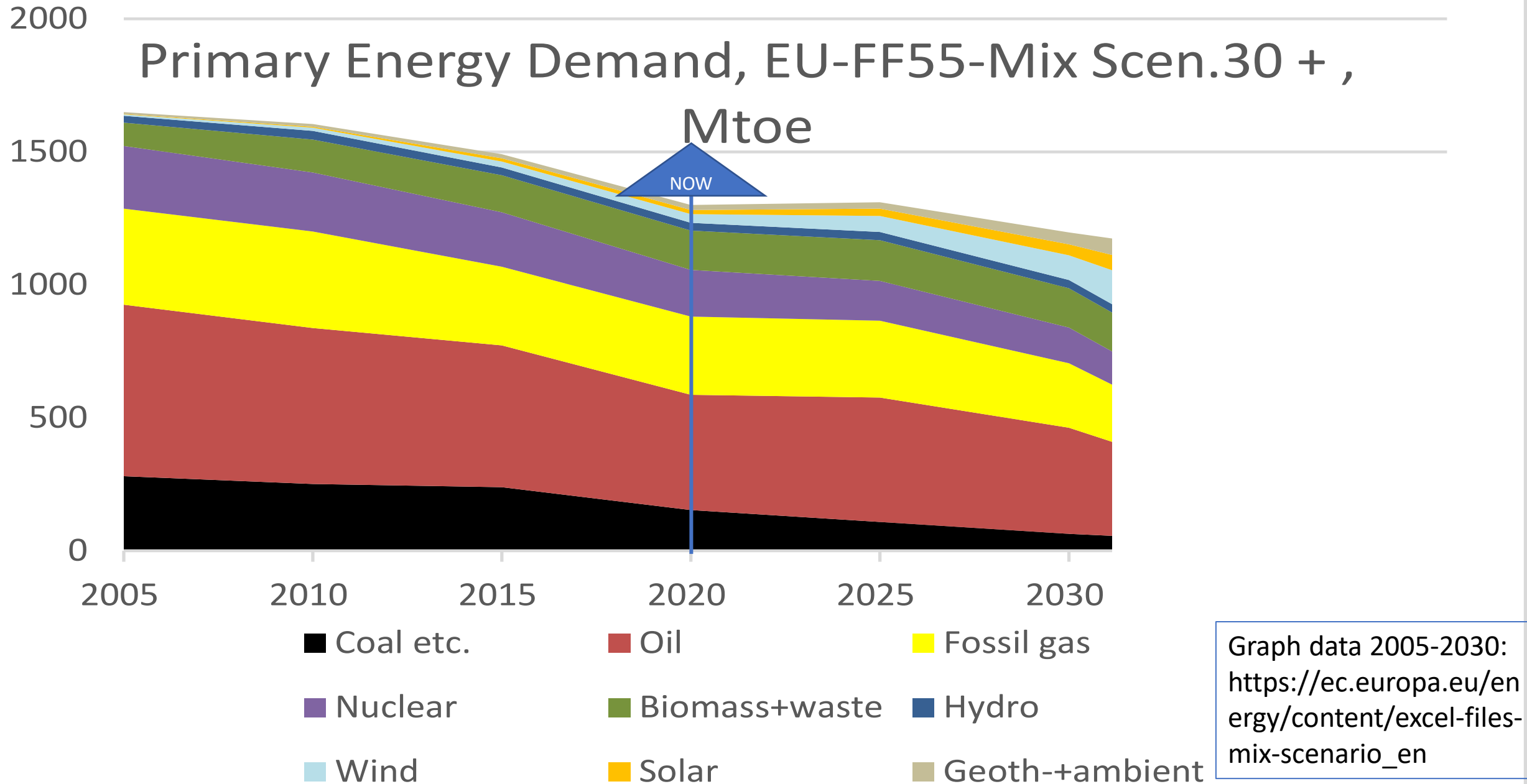
European Transition

EU Communication 17/9-20
Stepping up Europe's 2030 climate ambition - Investing in a climate-neutral future for the benefit of our people

COM(2020)562



The energy scenario for the EU transition

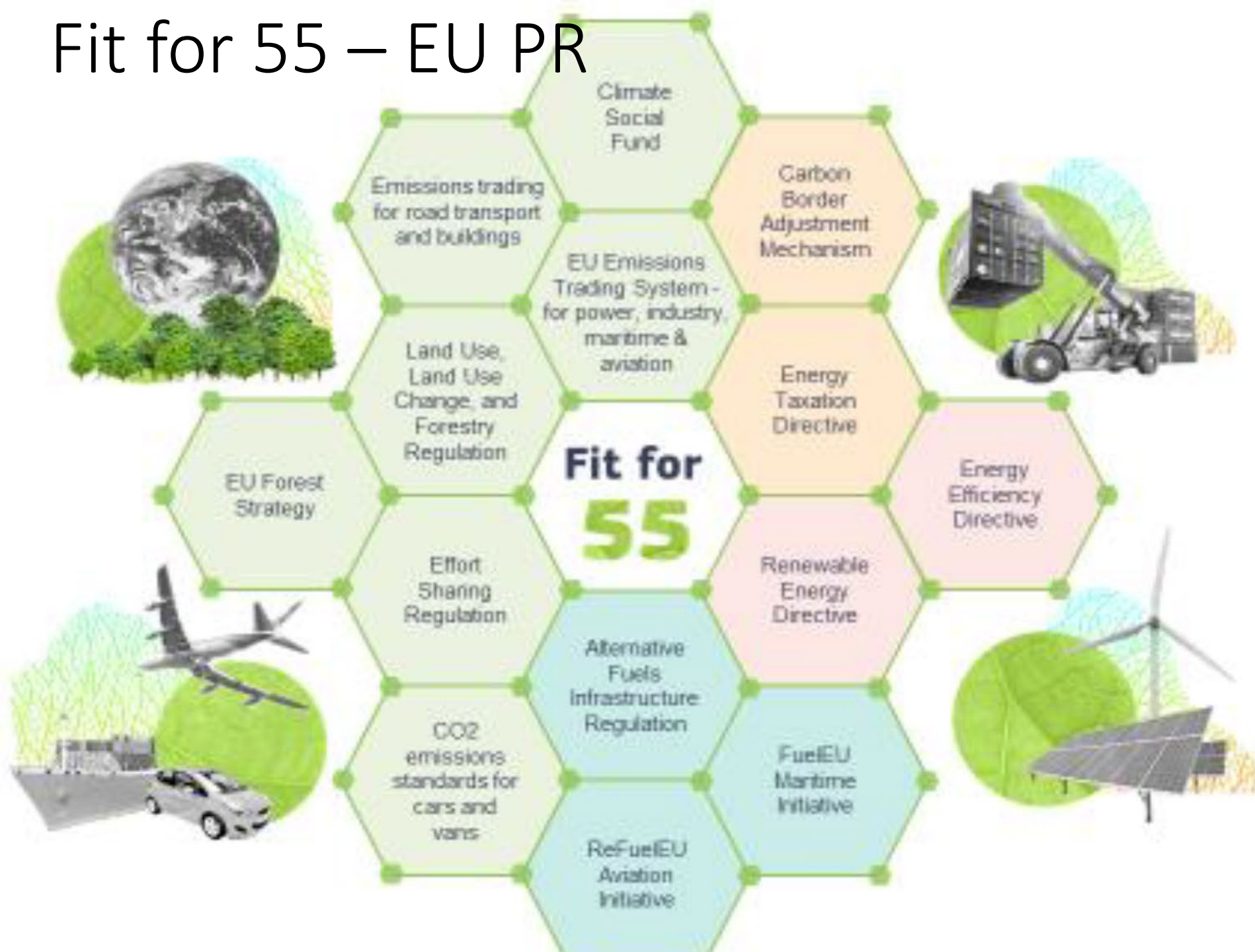


EU Proposals for Transition: Green Deal+Fitfor55

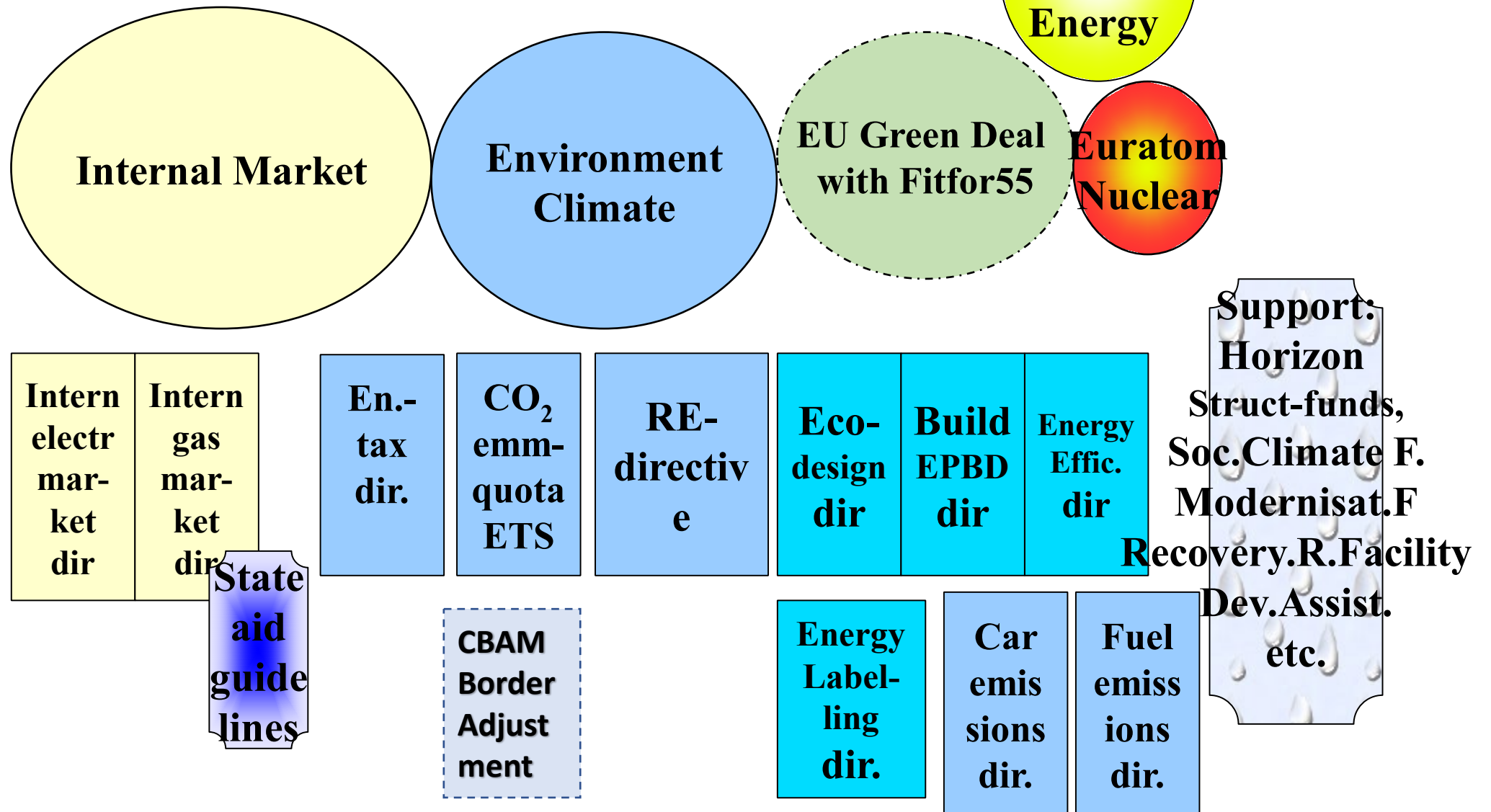
- Stronger Emission Trading Scheme incl. aviation: 61% reduction 2005-2030 (now 43%)
- Emissions trading (ETS) for shipping + special ETS for road transport + buildings in 2026
- Stronger energy taxation directive incl. aviation (need unanimous agreement)
- Carbon Border Adjustment (import) tax on e.g. steel, cement, fertiliser, alu., electricity in '26
- Updated effort sharing with national reductions, average 40% reductions 2005-203 (now 30%)
- Updated Renewables Directive: new 2030 targets, 40% in average (from 32% today)
- Updated Energy Efficiency Directive: new 2030 targets, 9% higher average reductions
- Stricter CO2 limits for new cars, 0 from 2035
- More charging for electric and H₂ cars etc.
- Low-greenhouse gas fuels, biofuels, e-fuel for aviation, develop zero emission aircrafts
- More sustainable land-use and more sustainable biomass
- New Social Climate Fund with 25% of revenue from ETS in buildings and transport
- Larger EU Modernisation Fund and Innovation Fund
- Circular economy Action Plan (2020)
- Earlier (2020) agreements for green budget, green recovery fund etc.



Fit for 55 – EU PR



EU Climate & Energy Policy



National Actions



- Coal phase out in power production:
 - Austria, Belgium, Sweden: until 2020 (done)
 - France, Ireland, Italy, Portugal, UK until 2025
 - Denmark, Netherlands, Greece, Hungary, Slovakia, Spain, (N-Macedonia) by 2030
 - Germany, maybe Czech Rep. by 2035/2038
- Energy Tax increases: Germany and many others
- Subsidies only for sustainable heating: Bulgaria, Germany, Ireland, Luxembourg, Malta, Netherlands, Norway, (Sweden),
- Sustainable transport plans: ?? (plans for green transport seldom reduce car use)
- Climate laws: Scandinavia, UK, France, Germany, Netherlands (Austria, Bulgaria, Spain, Latvia, Slovenia, Croatia, Belgium, Portugal, others)
- 100% renewable energy targets until 2050: Denmark (Austria, Lithuania, Spain, others)
- Stop fossil fuel exploration: Spain, Denmark, France, Ireland (+ others)
- Support for energy communities: (to be discussed tomorrow)



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Thank you

Read about us:

INFORSE-Europe's web site:

www.inforse.org/europe

INFORSE-Europe Seminar:

www.inforse.org/europe/seminar_2021_INFORSE-Europe_DK.htm

