



# ECF Globe EU

November 2020

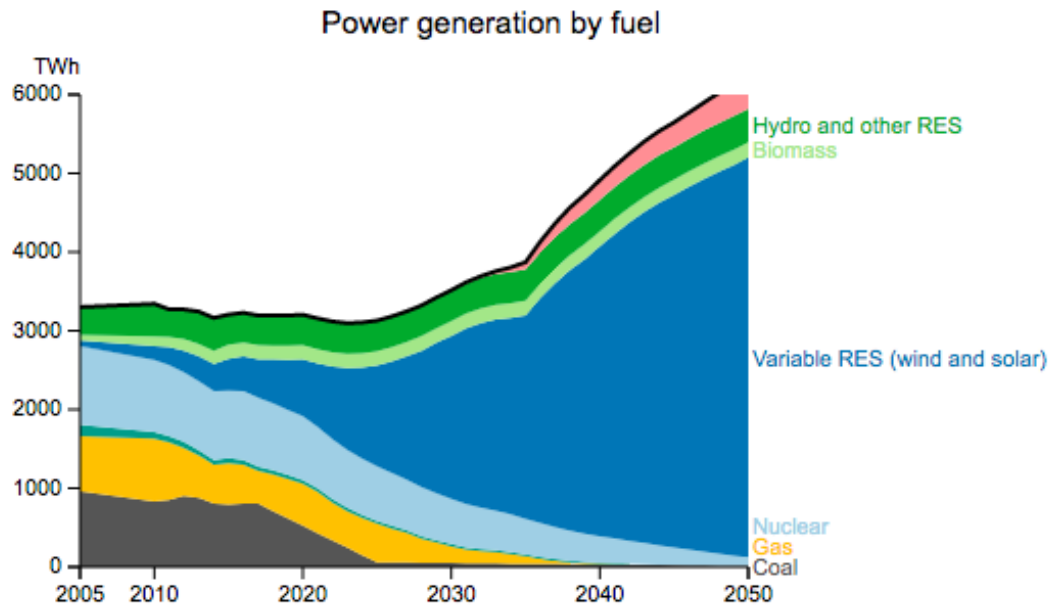


European  
Climate  
Foundation

# What does it take to hit -55% ?



- POWER – Coal must be mostly eliminated by 2025; entirely gone by 2030; RES must be tripled to 75% of the mix (60% from wind & solar) (EC less ambitious)
- BUILDINGS – Renovation rate must triple to around 2.5%/yr; with renovations at -75% energy use (EC more ambitious)
- TRANSPORT – ICE vehicle sales finished by 2035 (EC less ambitious)
- INDUSTRY – Primary materials use down 7% due to circularity; Industrial CCS underway (4x)
- LAND – Meat & dairy down slightly; bioenergy remains flat

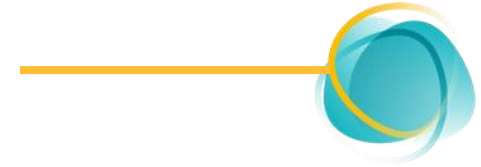


## Is the EU GD fit for -55%?



- BUILDINGS – Renovation Wave could renovate 35 mln buildings = 15% of building stock; MEPS is new driver of change; Inclusion in EU ETS risks distributional impacts
- POWER – EU ETS reforms & expansion might phase-out coal; but zero-rating might cause dash to biomass; RED sustainability criteria insufficient; Danger of gas lock-in.
- TRANSPORT – Scope for tighter CO2 standards; risks from ETS expansion; risks from biofuels expansion
- INDUSTRY – EU ETS not relevant for next investment wave; National policy & EU state aid are crucial
- LAND – CAP falls far short; but Farm-to-fork offers new opportunity

# Some takeaways on EU Green Deal



- **The focus on -55% is necessary, welcome, and could be a key driver of growth and modernization**
- **Renovation Wave can help break the impasse on buildings & create new jobs to help economic recovery**
- **Added emphasis on Just Transition is crucial for regional transitions**
- **F2F can help deliver thriving rural economies; move beyond CAP**
- **Taxonomy is world-leading; science-based; and a vital step to prevent greenwashing**
  
- **Expanding the EU ETS risks distributional impacts >> leading to social backlash**
- **Weakening the ESR would remove incentive for member states to promote lifestyle changes and new systems**
- **GHG accounting errors need correcting (bioenergy, CO2 removals etc)**
- **Strong, independent monitoring will be needed to keep the EU Green Deal on track**

The image features a solid teal background with several overlapping, wavy, semi-transparent shapes in various shades of teal and blue. A thin, bright yellow line curves across the lower portion of the frame. The text "Thank you" is centered in a light yellow, sans-serif font.

Thank you