

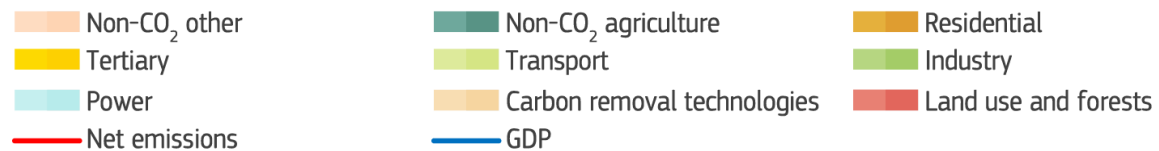
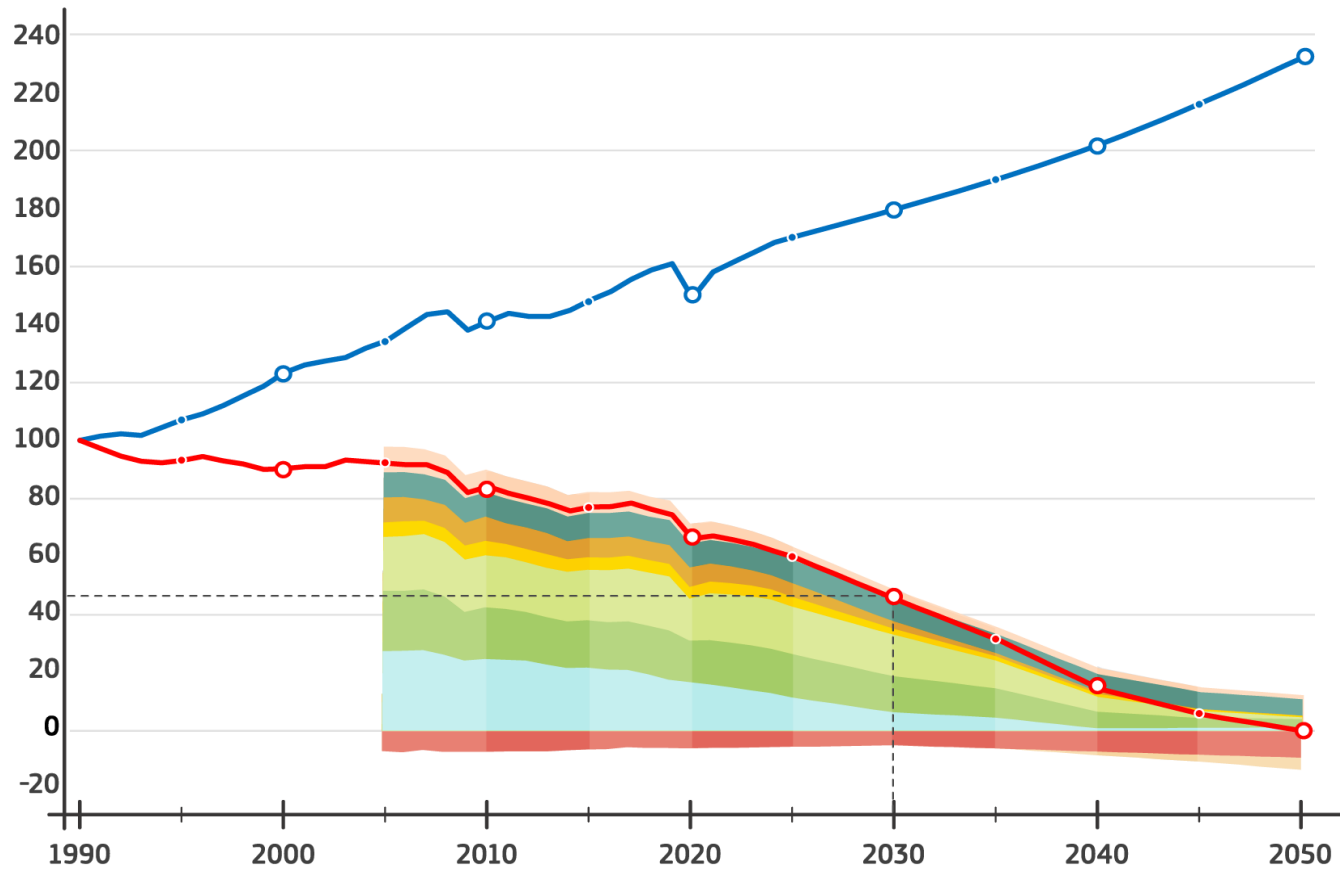


**Delivering on the European
Green Deal and Fit for 55**

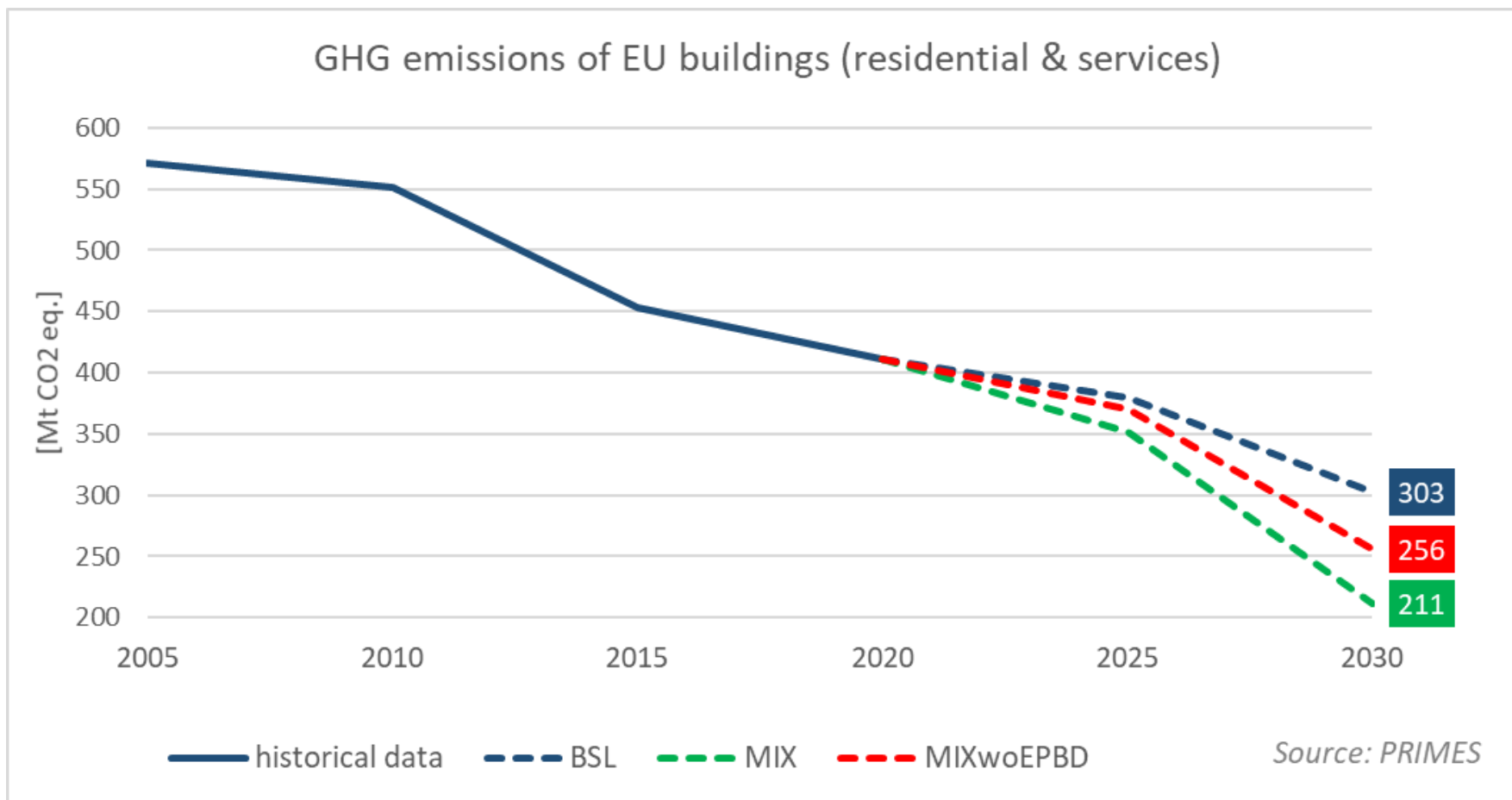
Decarbonisation of the European heating sector

Mechthild Wörzdörfer
Deputy Director-General
European Commission, DG Energy

EU pathway to climate neutrality



The “Fit for 55” legislative package



The “Fit for 55” legislative package

MAKING OUR HOMES AND BUILDINGS FIT FOR A GREENER FUTURE

- decrease emissions
- save energy
- tackle energy poverty
- improve quality of life
- generate jobs and growth

→ Energy Performance of Buildings Directive

→ Energy Efficiency Directive

→ Renewable Energy Directive

→ Extension of ETS to buildings

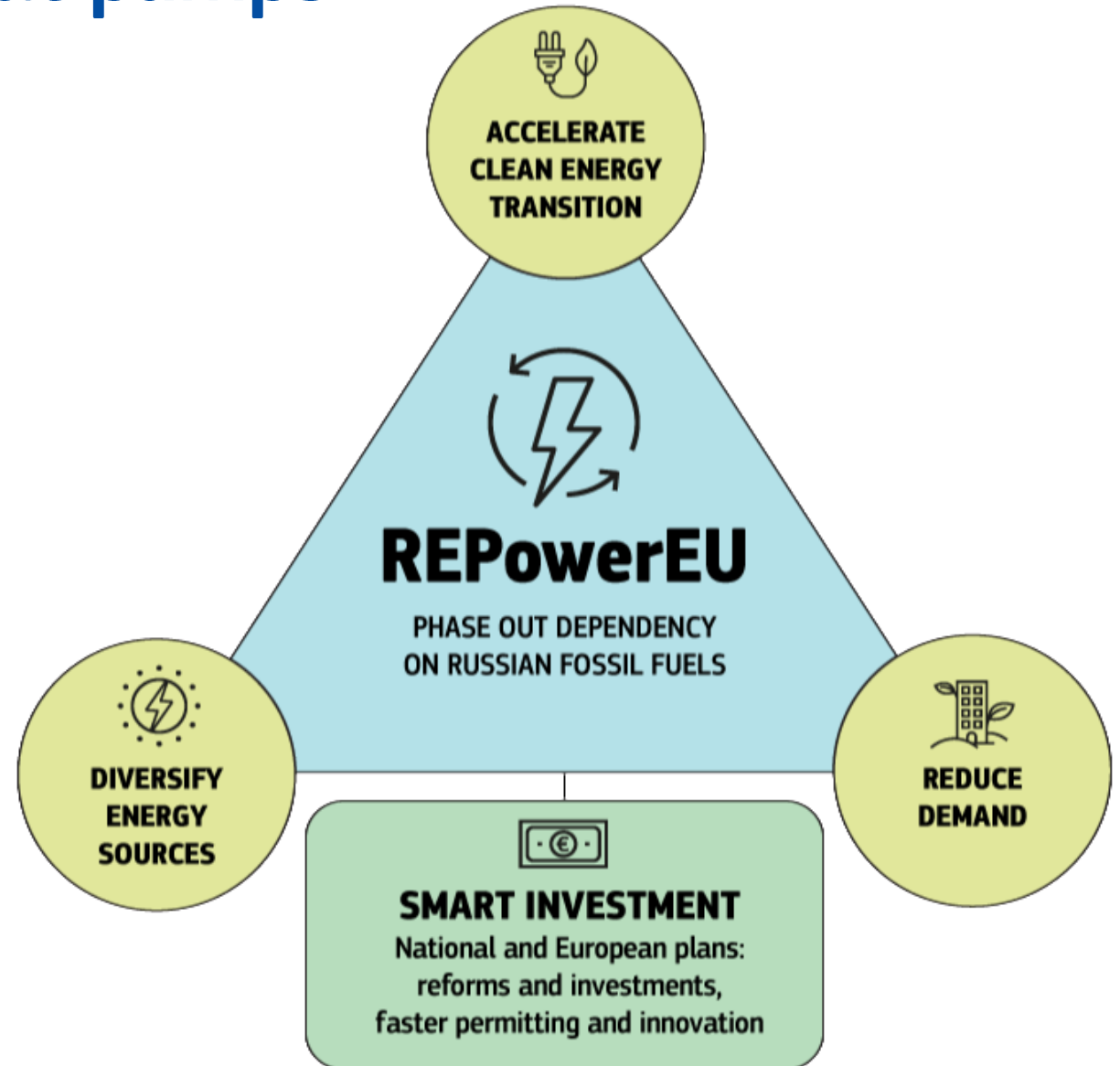
REPowerEU: the role of heat pumps

Heat Pumps in REPowerEU

- **10 million** additional hydronic heat pumps **by 2027**
- **>30 million** additional heat pumps **by 2030**

Independence from Russian fossil fuels by 2030

- **Heat pumps** to reduce gas demand by **1.5 bcm** (per 1 million heat pumps)

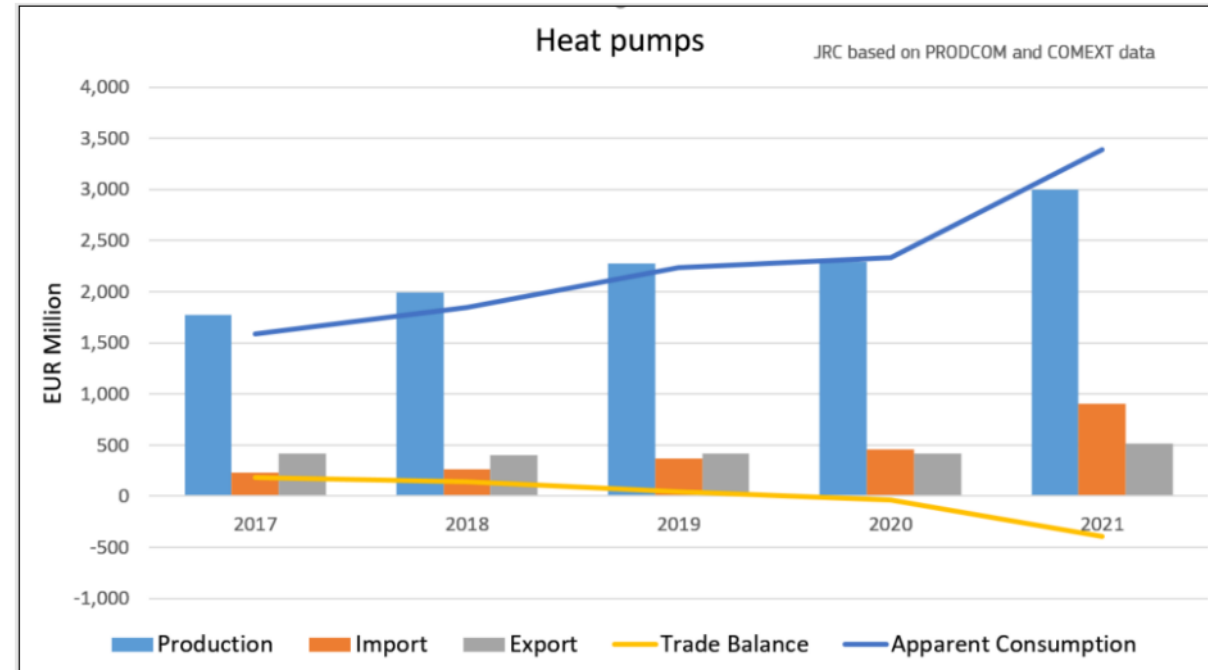


Net Zero Industry Act

- Permitting: simplified administrative procedures, one stop shop, predictability, digital
- Investment: Crowding-in private investment, advise in financing
- Market: Sustainability and resilience criteria in public funding
- Skills: Net Zero Industry Academies
- Innovation: Sand boxes
- Governance: Net Zero Europe Platform

Case of heat pumps

- 3 million heat pumps (EHPA, 2022) to around 7 million (2030)
- Supply and logistics problems
- Skills shortage for production / R&D
- High market share of EU manufacturers,
- Growing imports in recent years (figure below)
- EUR 5 billion investments already announced



Action Plan on heat pumps

1. A platform / accelerator / partnership of the European Commission, Member States and the industry
2. Communication on available Heat Pump solutions and a dedicated Heat Pumps skills partnership
3. Ongoing legislative work
4. More accessible financing

Communication end of 2023, stakeholder consultation on-going

Thank you!
Do you have any questions?

Want to know more?

[Heat pumps \(europa.eu\)](https://europa.eu)

https://energy.ec.europa.eu/topics/energy-efficiency/heat-pumps_en