



## Plenary 2: Climate Neutral Pathways, scenarios and storylines: Useful lessons learned and strategies for the European Green Deal

06.10.2020; EMP-E 2020  
Modelling Climate Neutrality for the European Green Deal

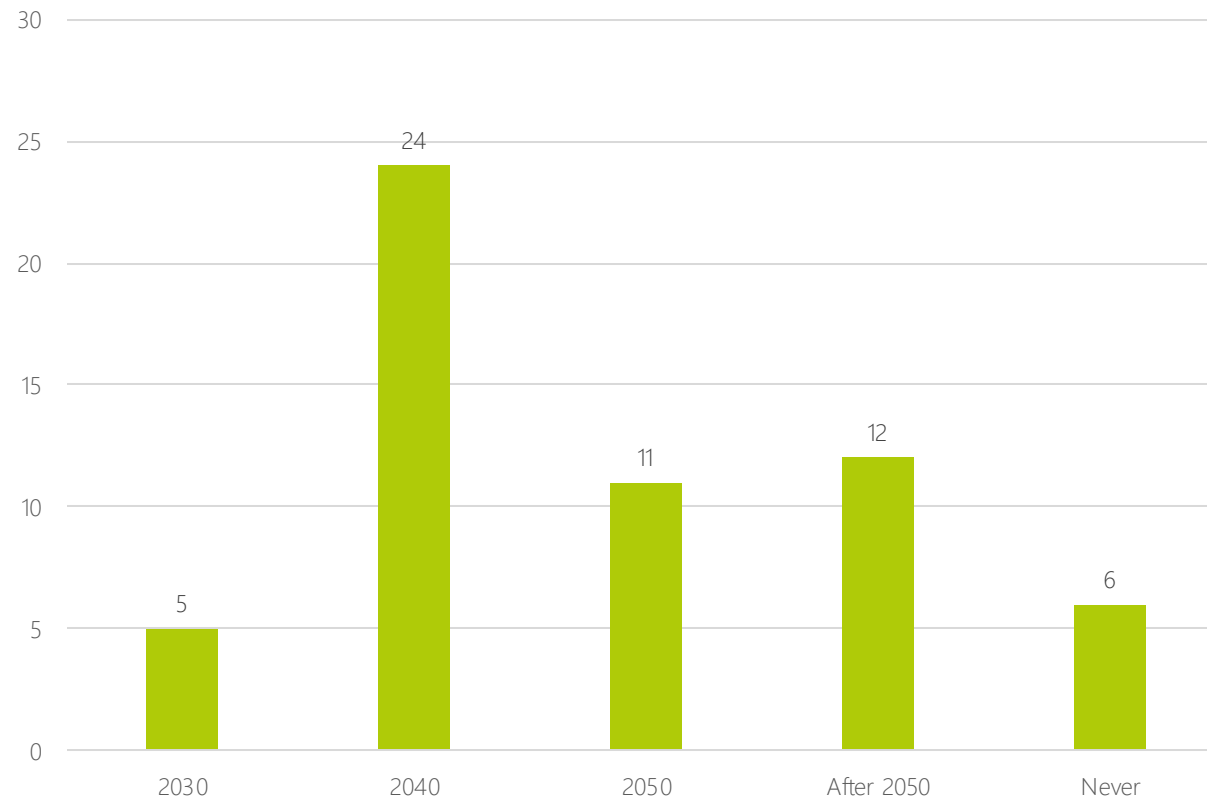
Pao-Yu Oei (TU Berlin)  
Sebastian Zwickl (TU Wien), Jessica Strefler (PIK), Panagiotis Fragkos  
(E3Modelling), Hans Auer (TU Wien), Pedro Crespo del Granado (NTNU)



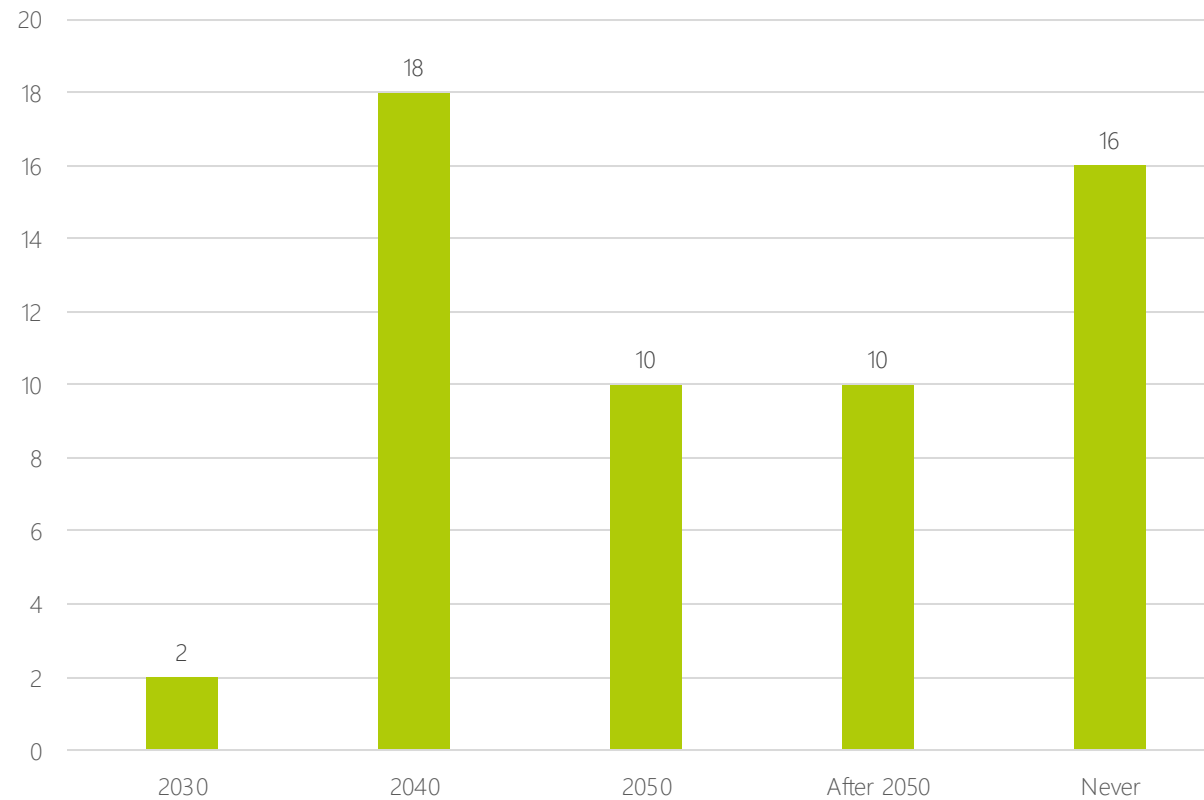
# Agenda

- Introduction and results of survey
- Alessia De Vita (E3M) "Modeling carbon neutral pathways for EU Green deal and climate neutrality"
- Karlo Hainsch (TU Berlin) "Quantitative Scenarios for Low Carbon Futures of the pan-European Energy System"
- Jessica Strefler (PIK) "The path to climate neutrality – residual sector emissions and CDR"
- Jörg Mühlenhoff (CAN Europe) & Jonathan Bonadio (European Environmental Bureau): "Civil society's Paris Agreement Compatible (PAC) scenario for net zero emissions by 2040"
- Questions and Discussions

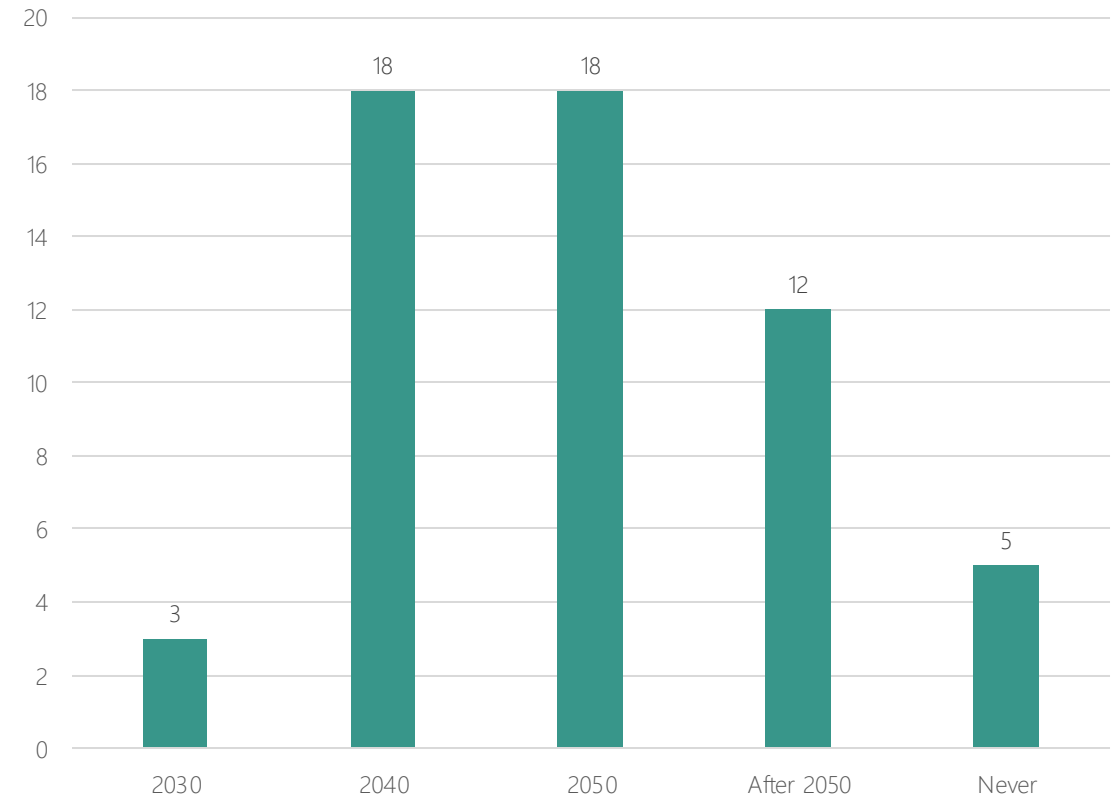
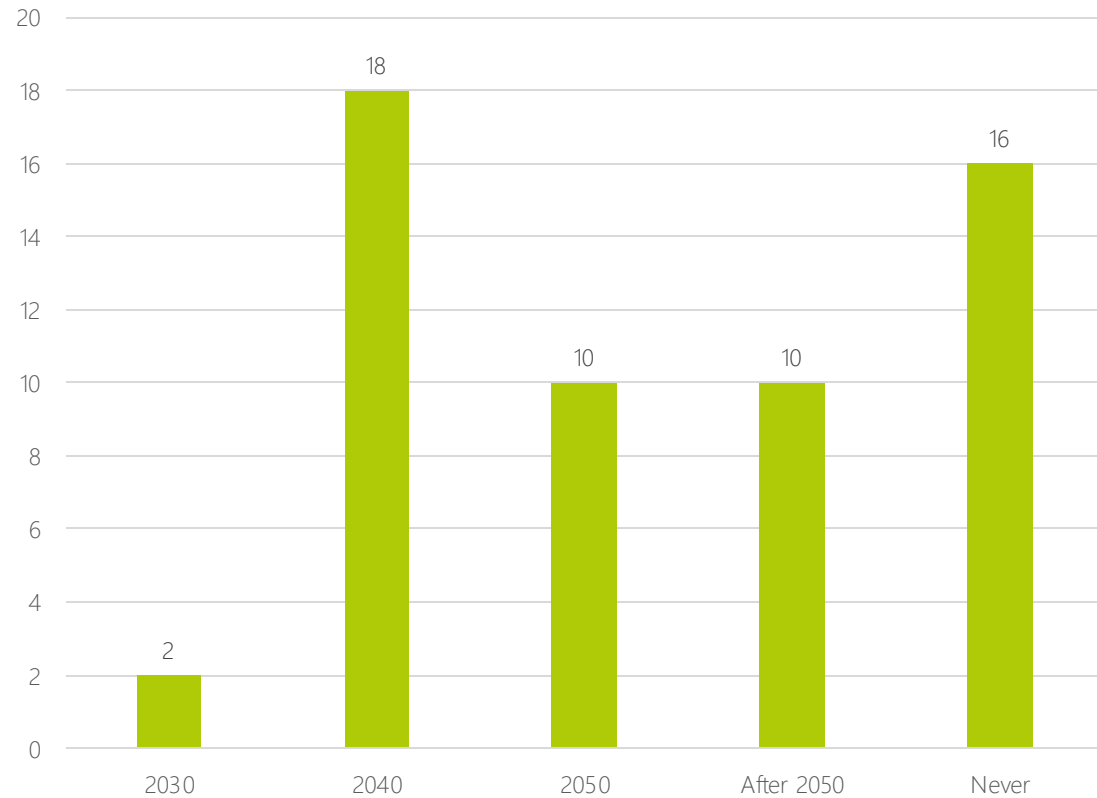
# When do you expect Hydrogen to be applied large-scale across Europe?



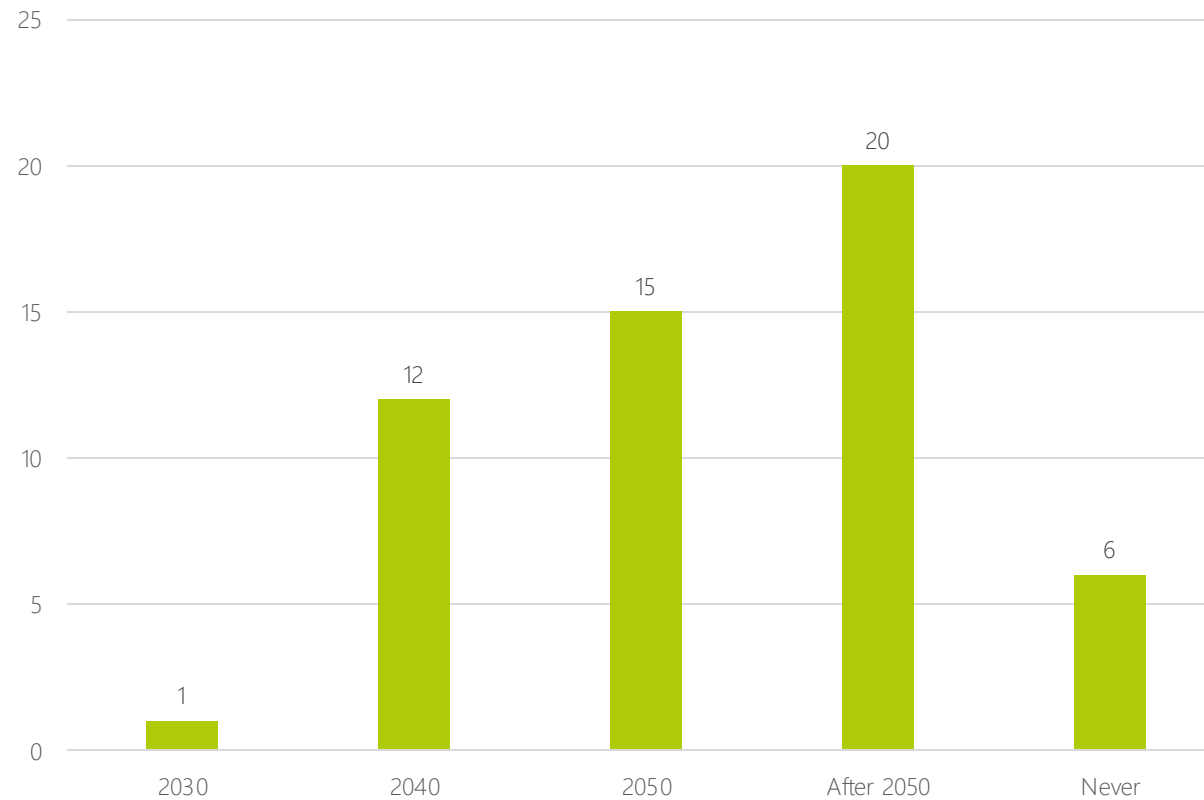
# When do you expect Carbon Capture in the energy sector to be applied large scale in Europe?



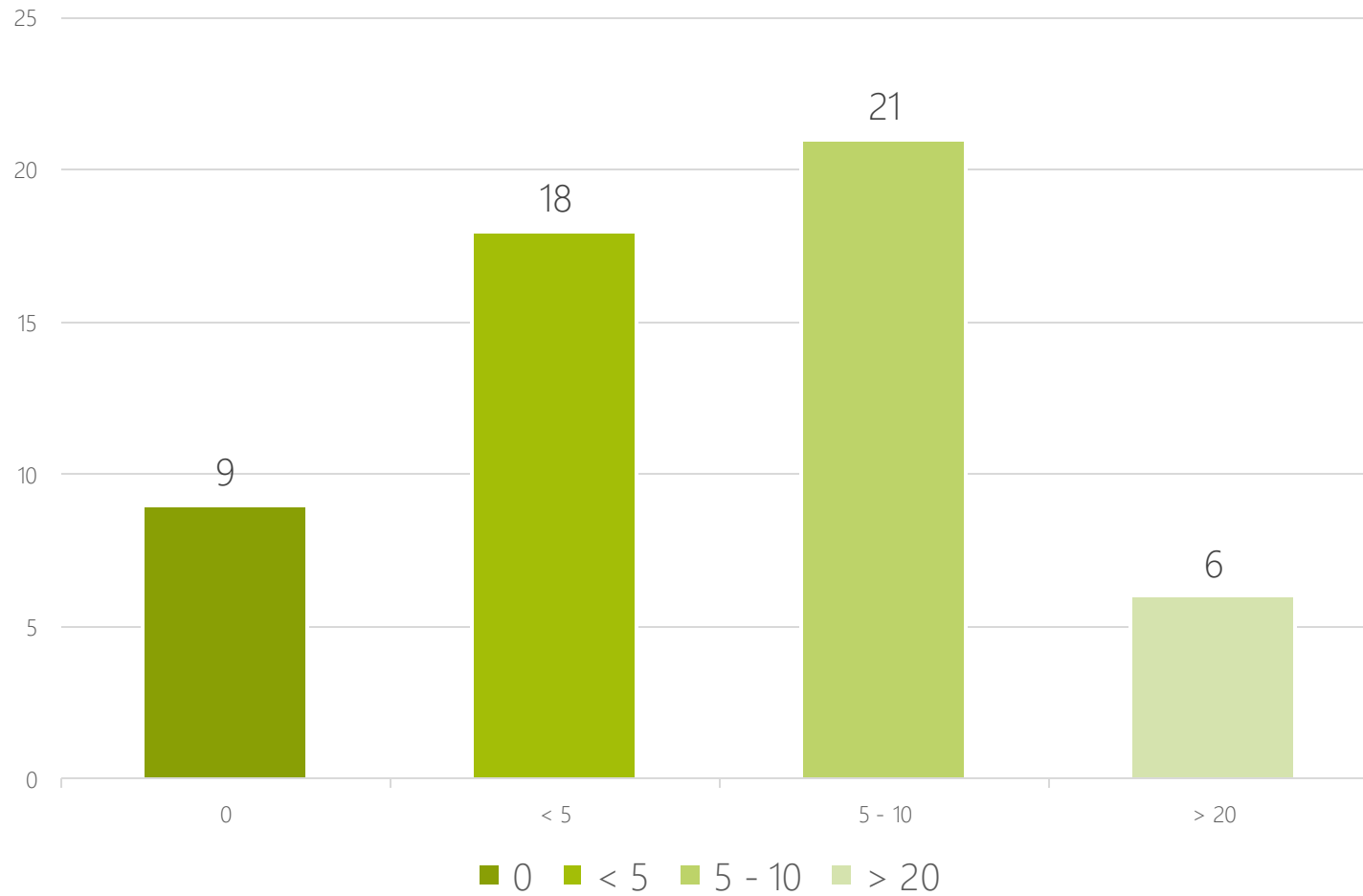
# When do you expect Carbon Capture to be applied large scale in the energy sector or in the industry sector in Europe?



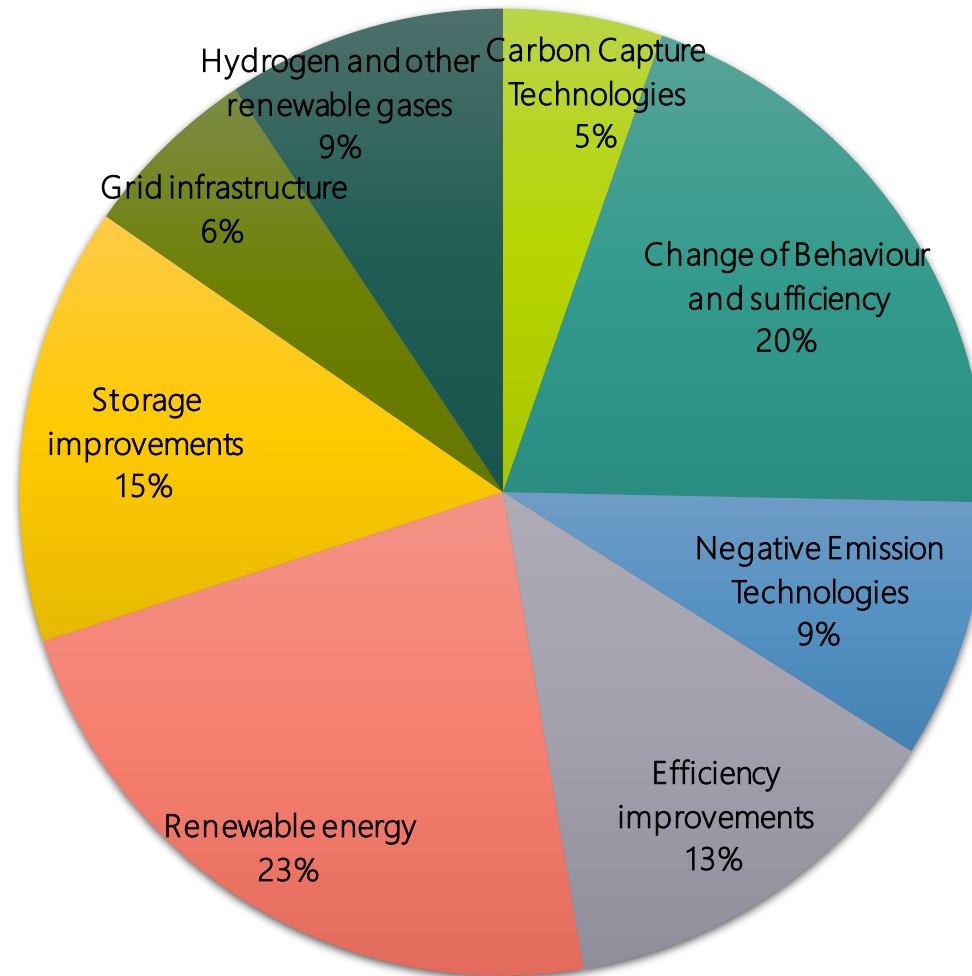
# When do you expect negative emission technologies to be applied large-scale across Europe?



# How many new nuclear reactors will be built by 2050?



# What are the three most important aspects to reach the target of climate neutrality?





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attendance



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