

# Accelerating blade waste circularity

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# Our members make wind energy work

400+ MEMBERS

Wind turbine manufacturers

e.g.



GE Renewable Energy

SIEMENS Gamesa  
RENEWABLE ENERGY

Vestas

Wind farm developers

e.g.



VATTENFALL



Power utilities

e.g.

RWE



Component manufacturers

e.g.



HITACHI



Installation / logistics

e.g.



Port of Amsterdam



Marine ingenuity

Financial & legal services

e.g.



大成 DENTONS



Green  
Investment  
Group

Research institutes

e.g.

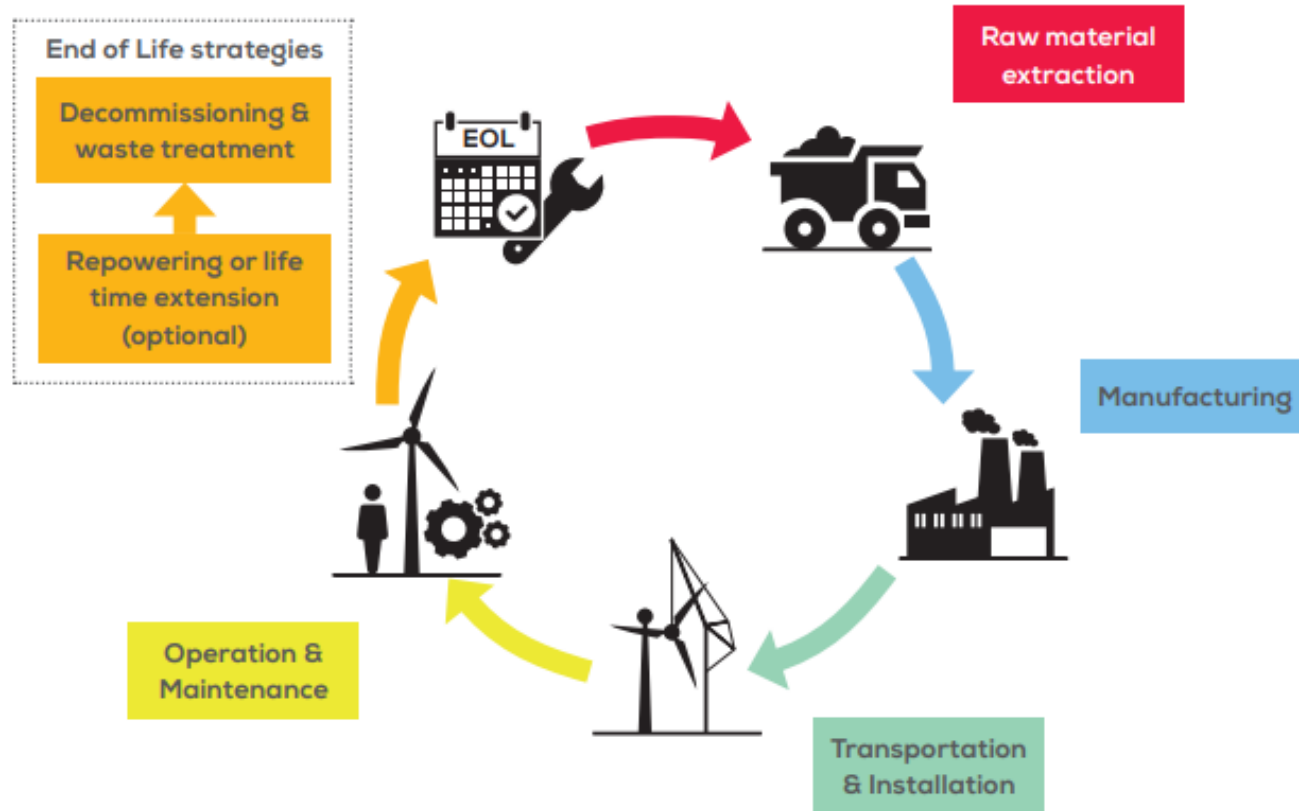


Fraunhofer  
IWES

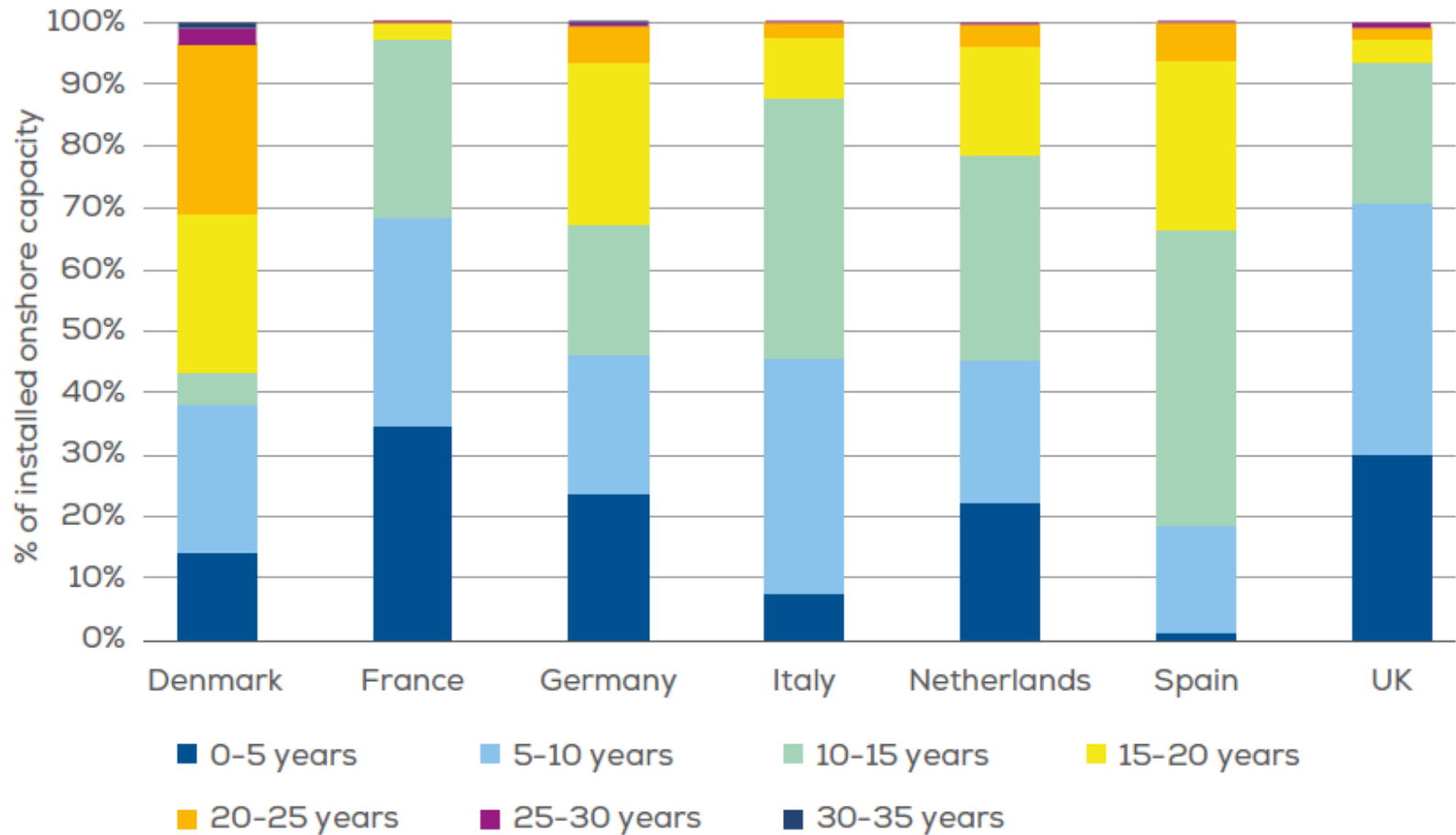


+ NATIONAL WIND ASSOCIATIONS

# The life cycle of a wind turbine

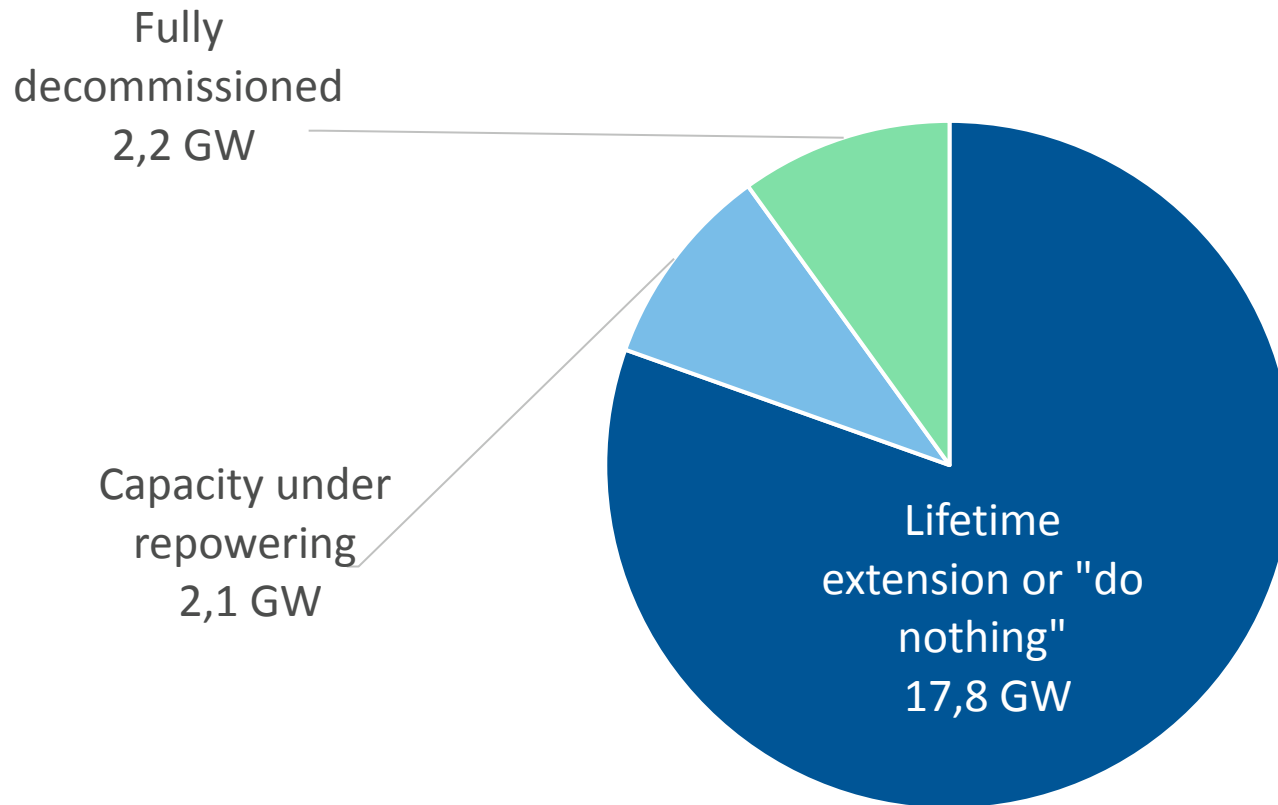


# Europe's existing onshore wind farms are ageing



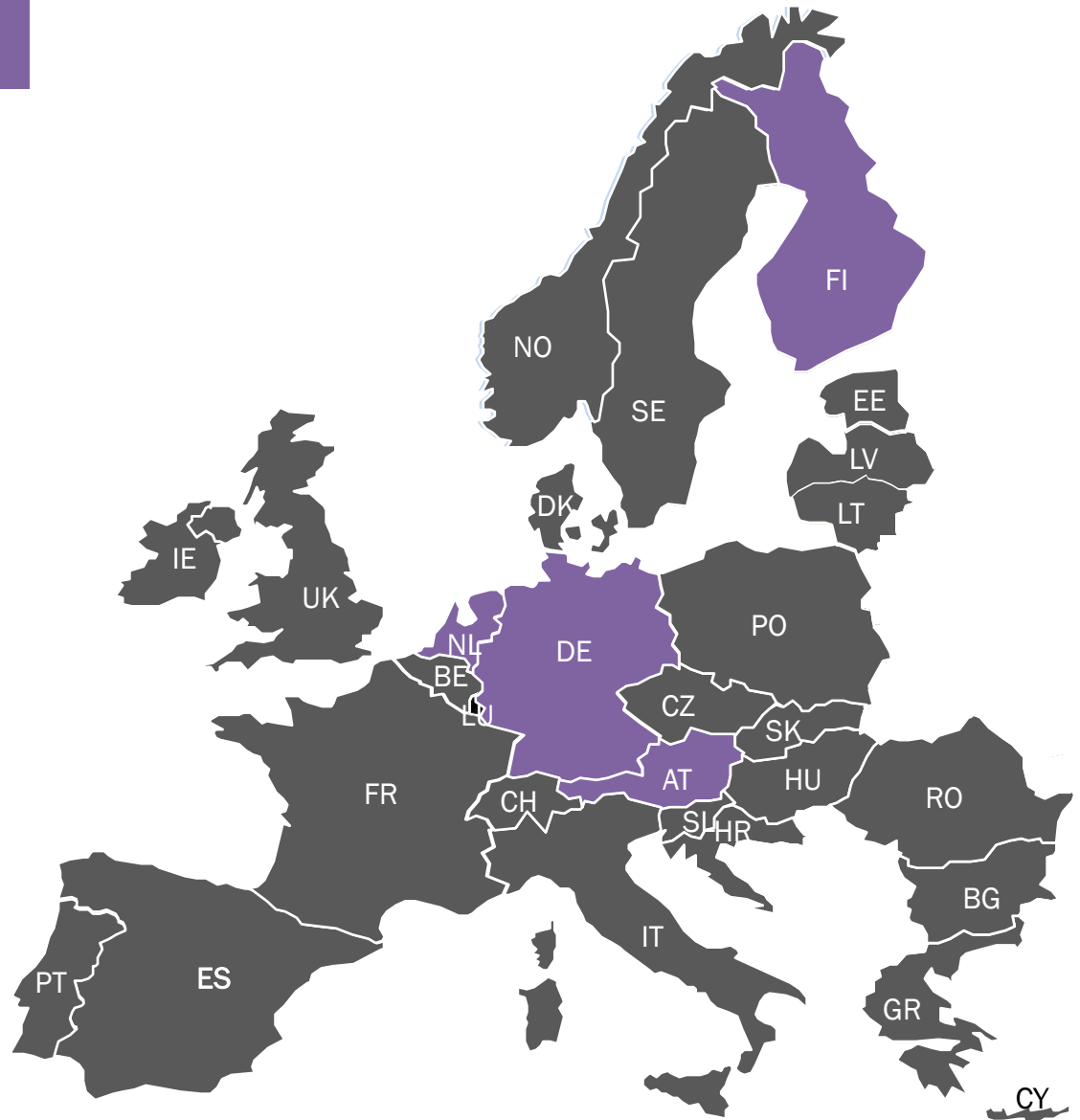
# Most ageing wind farms are getting lifetime extension

22 GW approaching their economic *End of Life*\* in 2019-2023

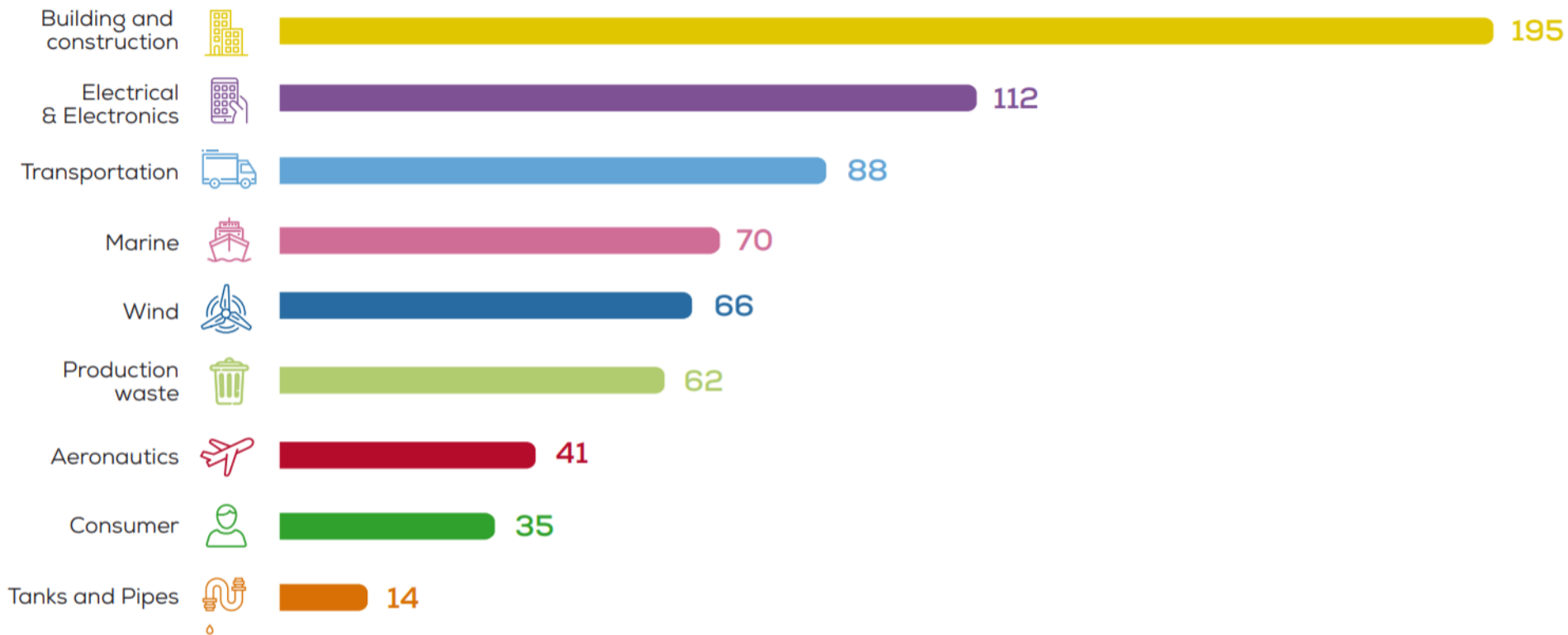


# Existing regulatory incentives

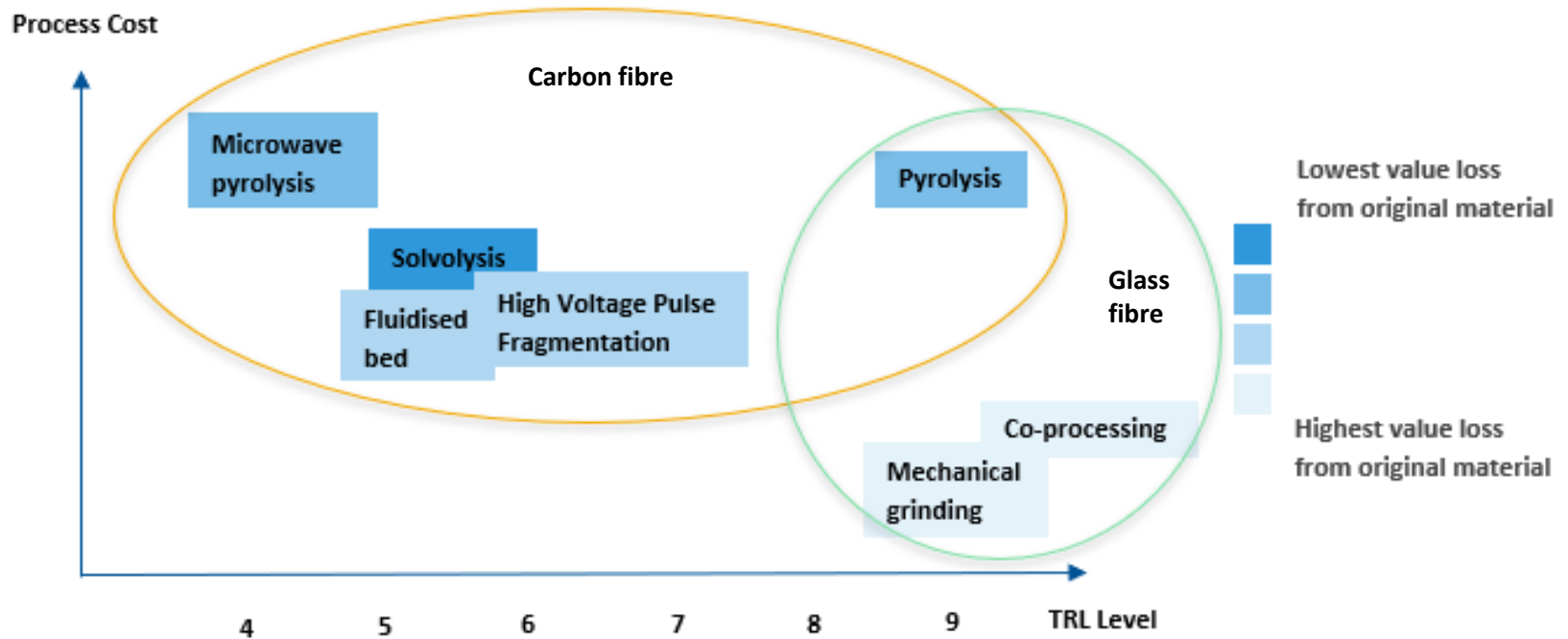
## Landfill ban



# A cross-sector challenge (thousands of tonnes in 2025)



# Technological solutions exist but...



Source: Adapted from Bax & Company and ETIPWind



# EOLIS 2020 – The European premier conference to discuss end-of-life trends and practices

18-20 November 2020





# Thank you

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