

# Accelerating blade waste circularity

Marylise Schmid

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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.



Acciona  
Energy



res  
powering change



VATTENFALL



## Power utilities

e.g.

RWE

edf  
energies nouvelles

enel  
Green Power

IBERDROLA  
Renovables

## Component manufacturers

e.g.

LM WIND  
POWER

BASF  
We create chemistry



HITACHI

ABB

## Installation / logistics

e.g.



Jan De Nul  
GROUP



Port of Amsterdam

Van Oord



Marine ingenuity

## Financial & legal services

e.g.

Allianz

大成 DENTONS



Green  
Investment  
Group

## Research institutes

e.g.

CATAPULT  
Offshore Renewable Energy

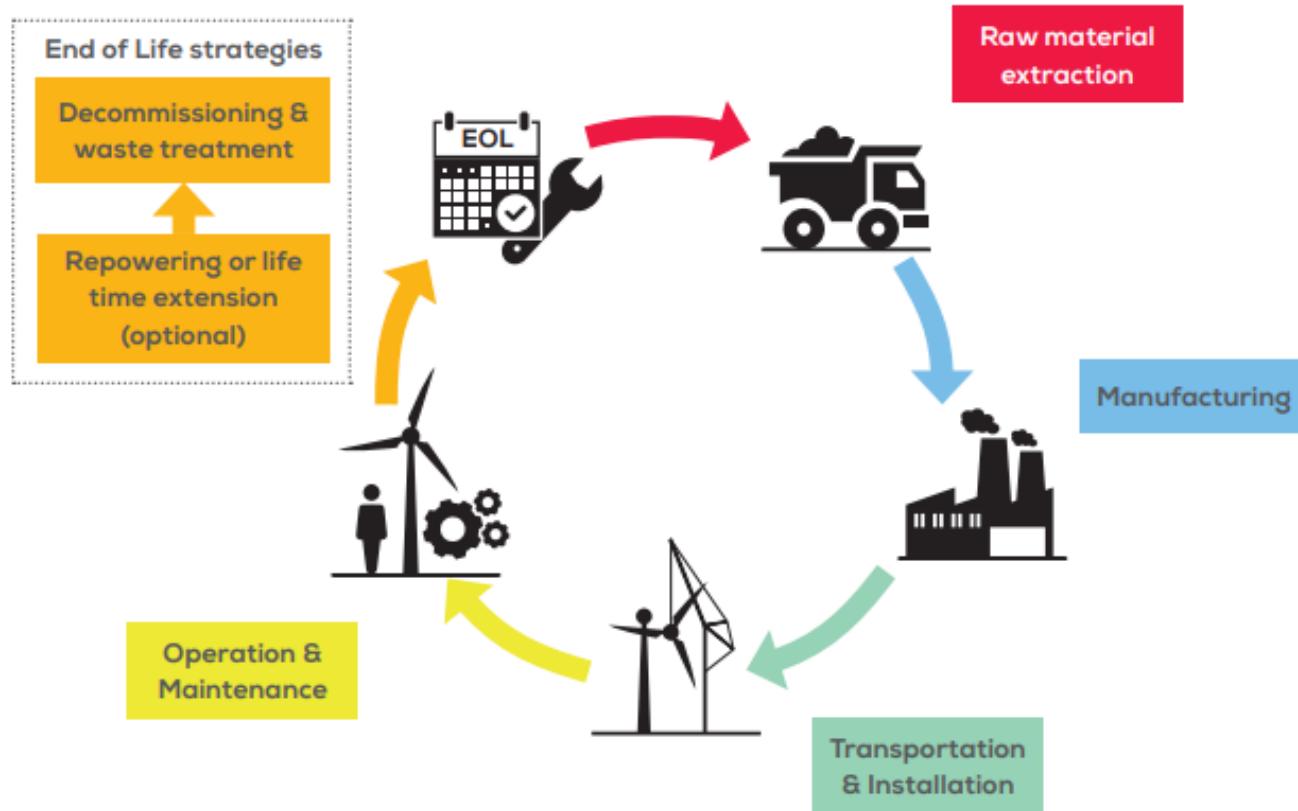
Fraunhofer  
IWES

TU Delft

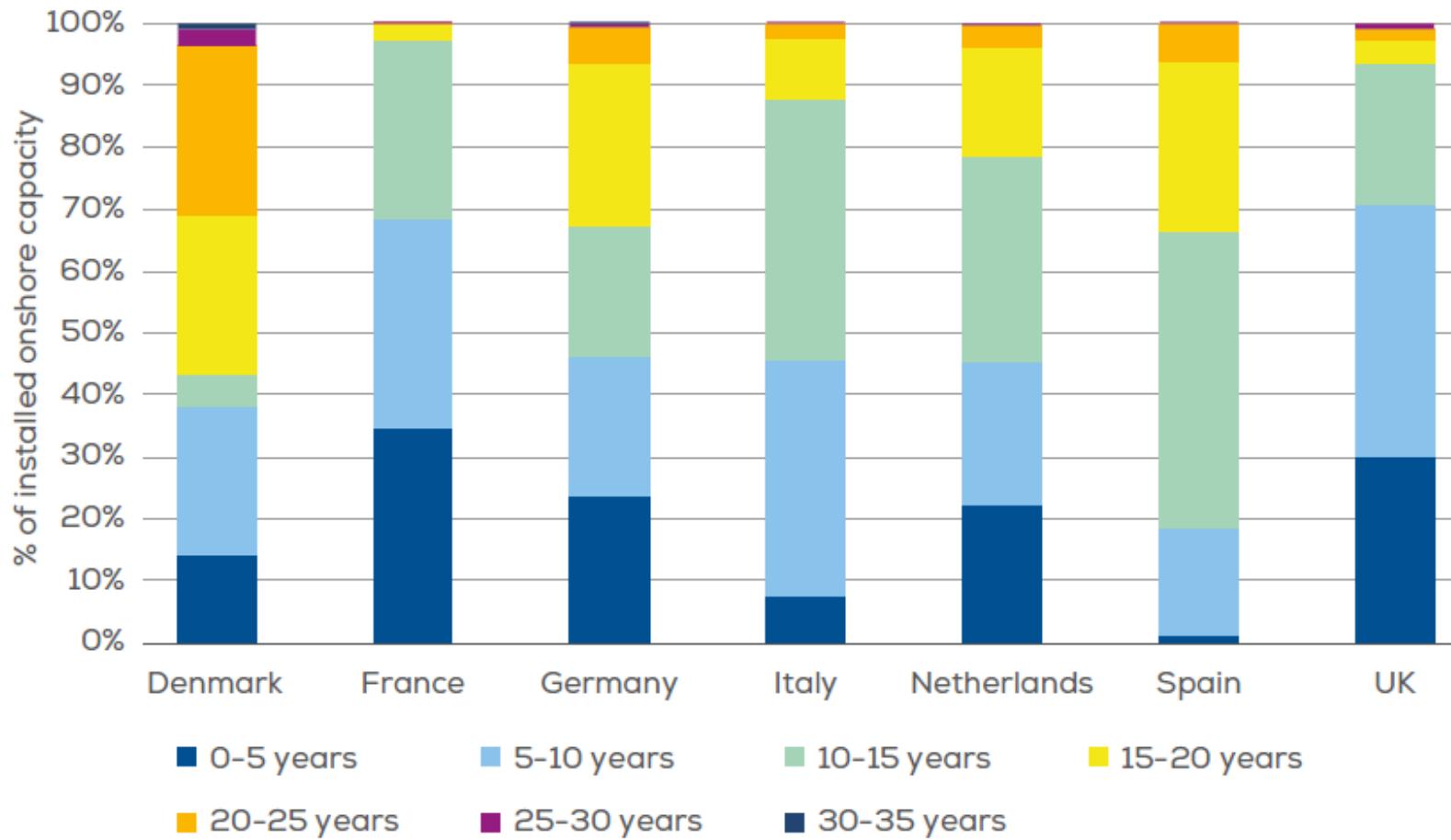


+ NATIONAL WIND ASSOCIATIONS

# The life cycle of a wind turbine

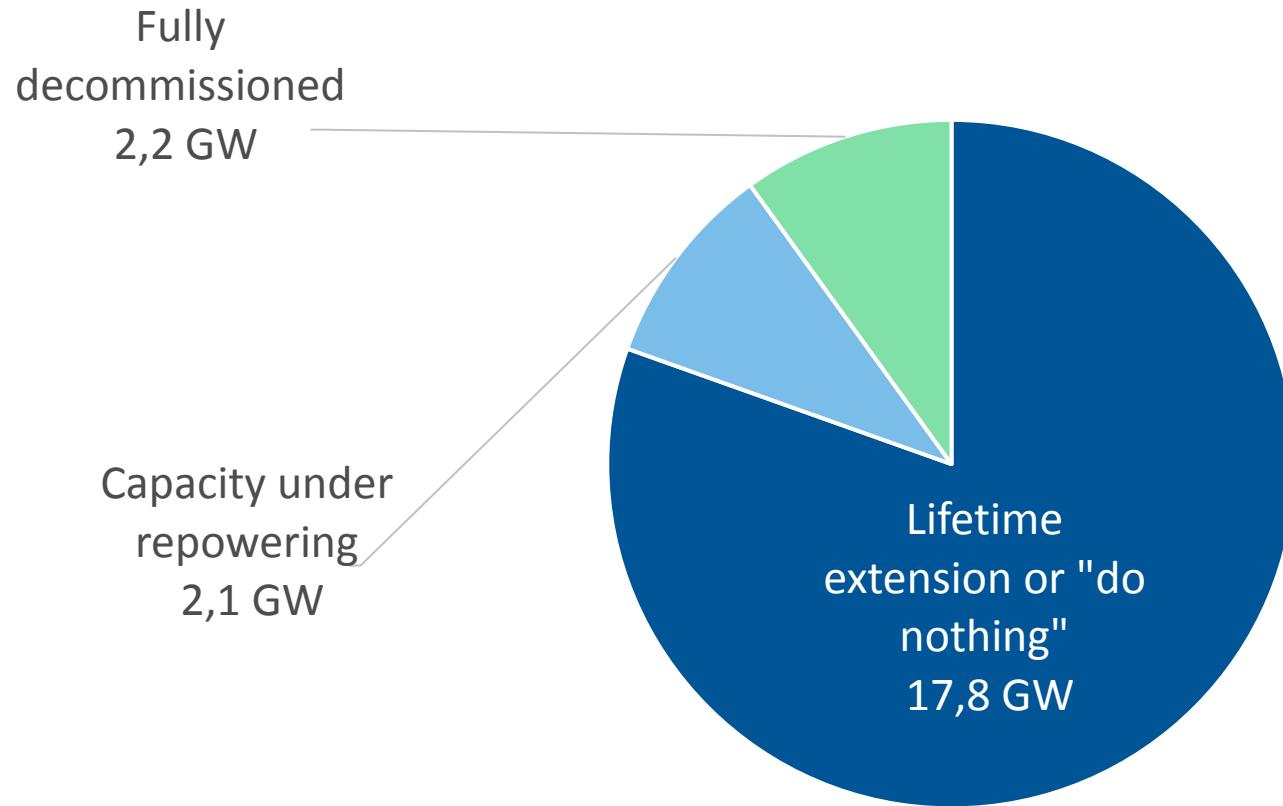


# Europe's existing onshore wind farms are ageing



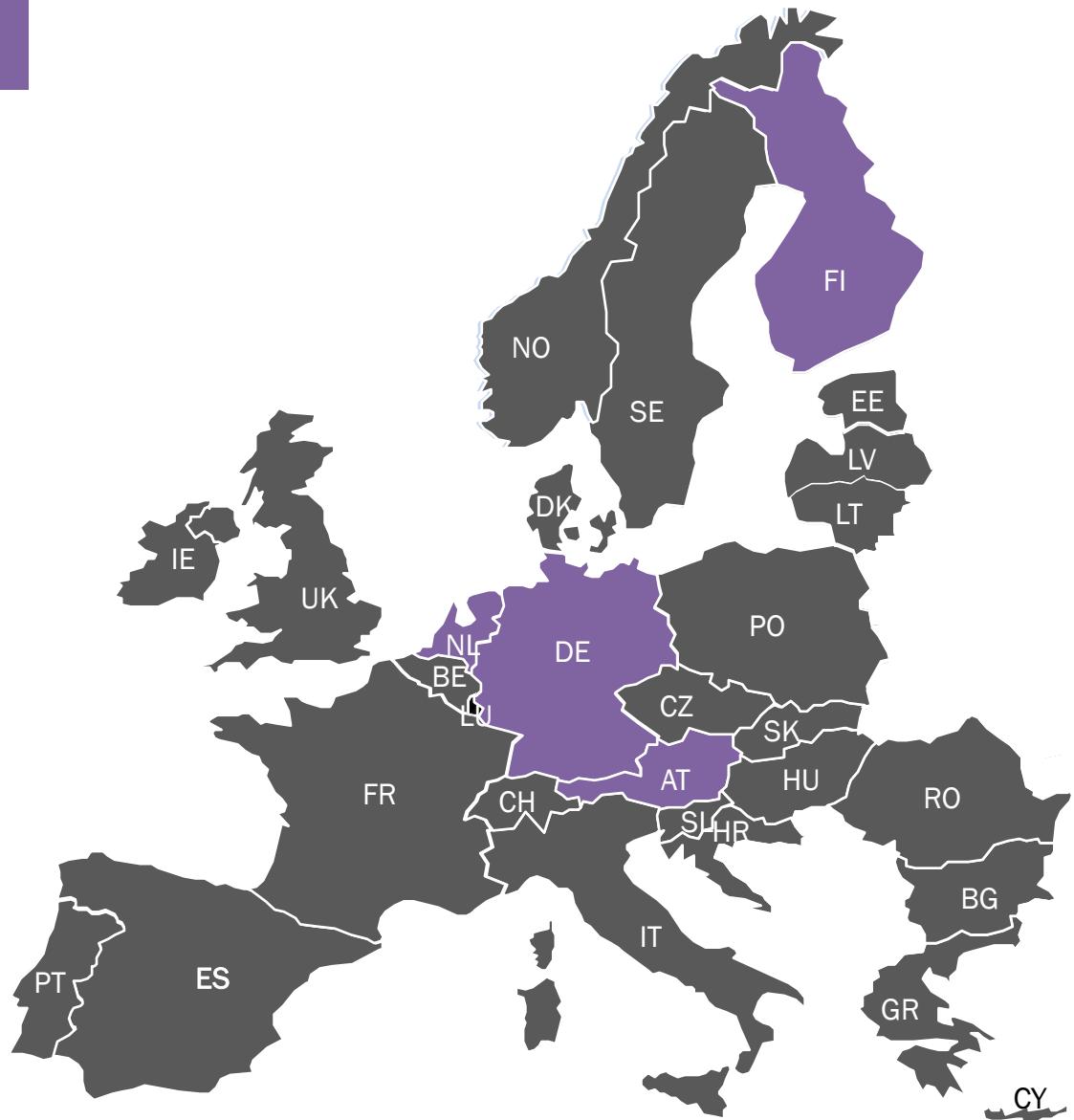
# Most ageing wind farms are getting lifetime extension

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

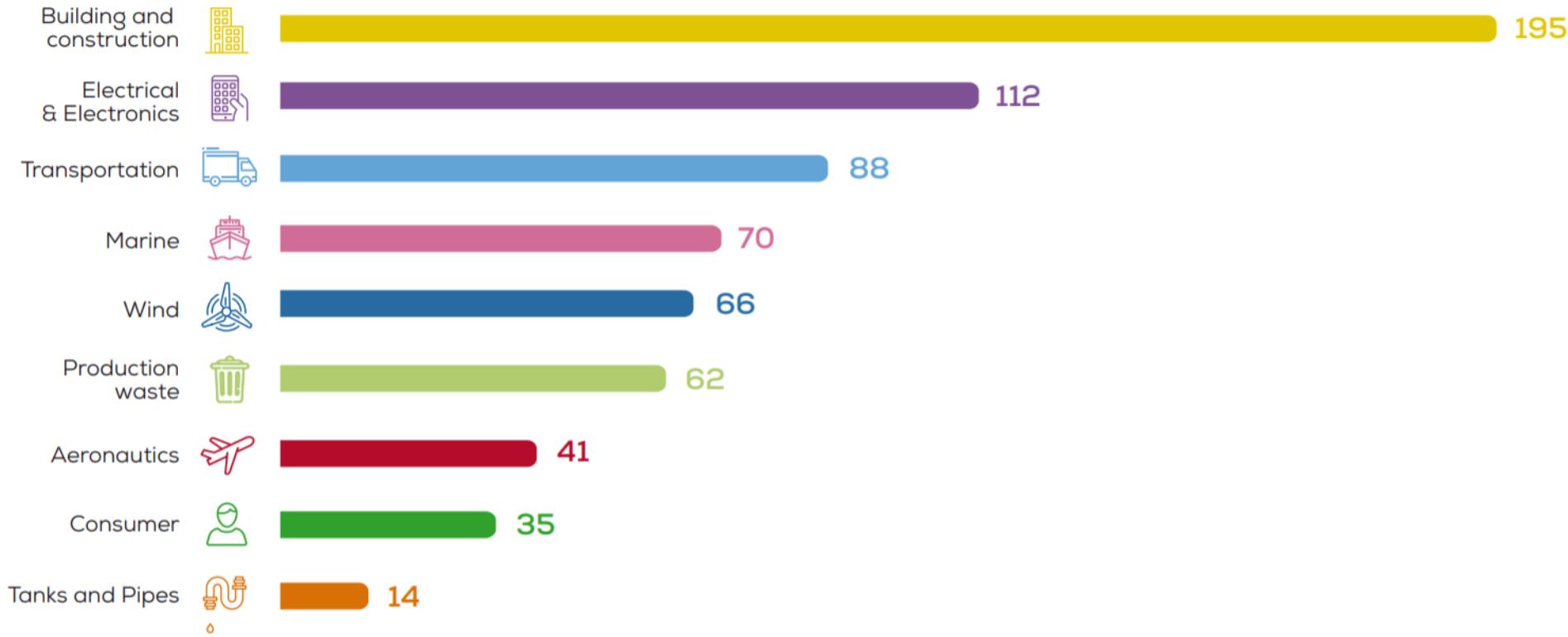


# Existing regulatory incentives

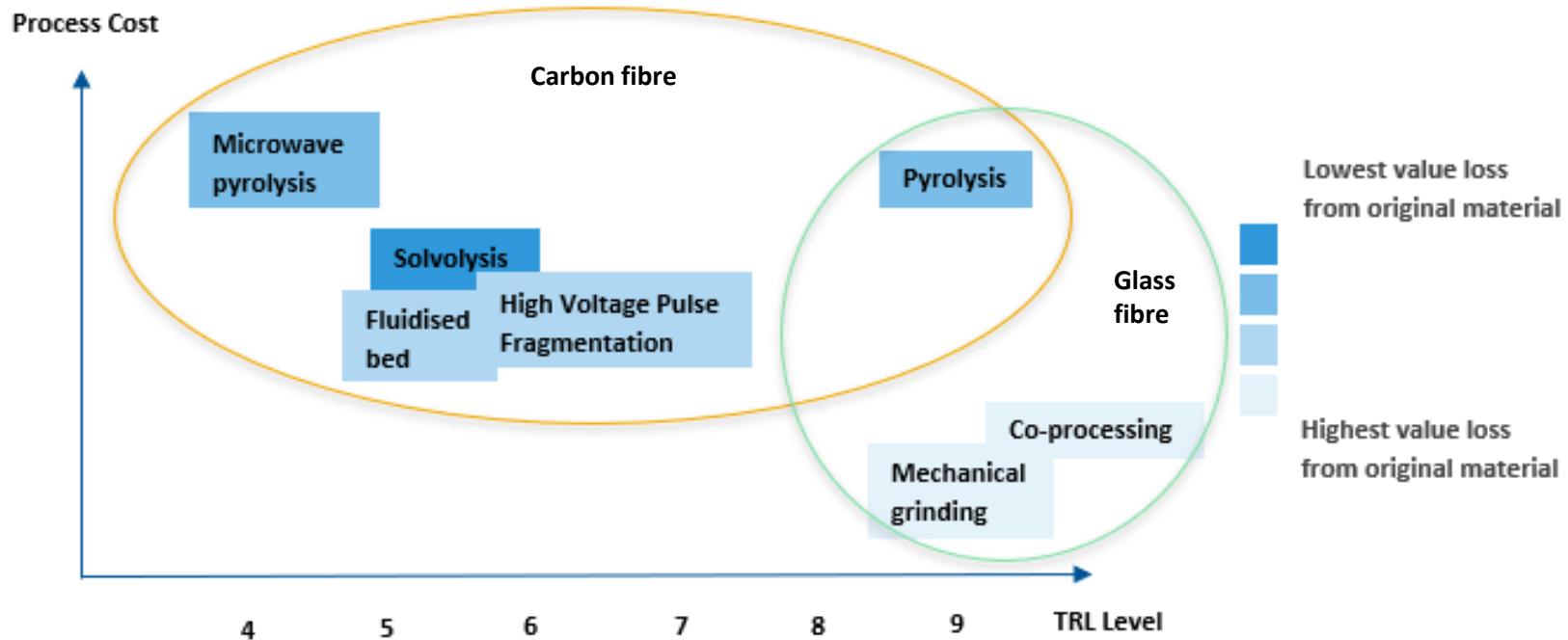
Landfill ban



# 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



[https://windeurope.org/eolis2020/  
registration/](https://windeurope.org/eolis2020/registration/)



# Thank you

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