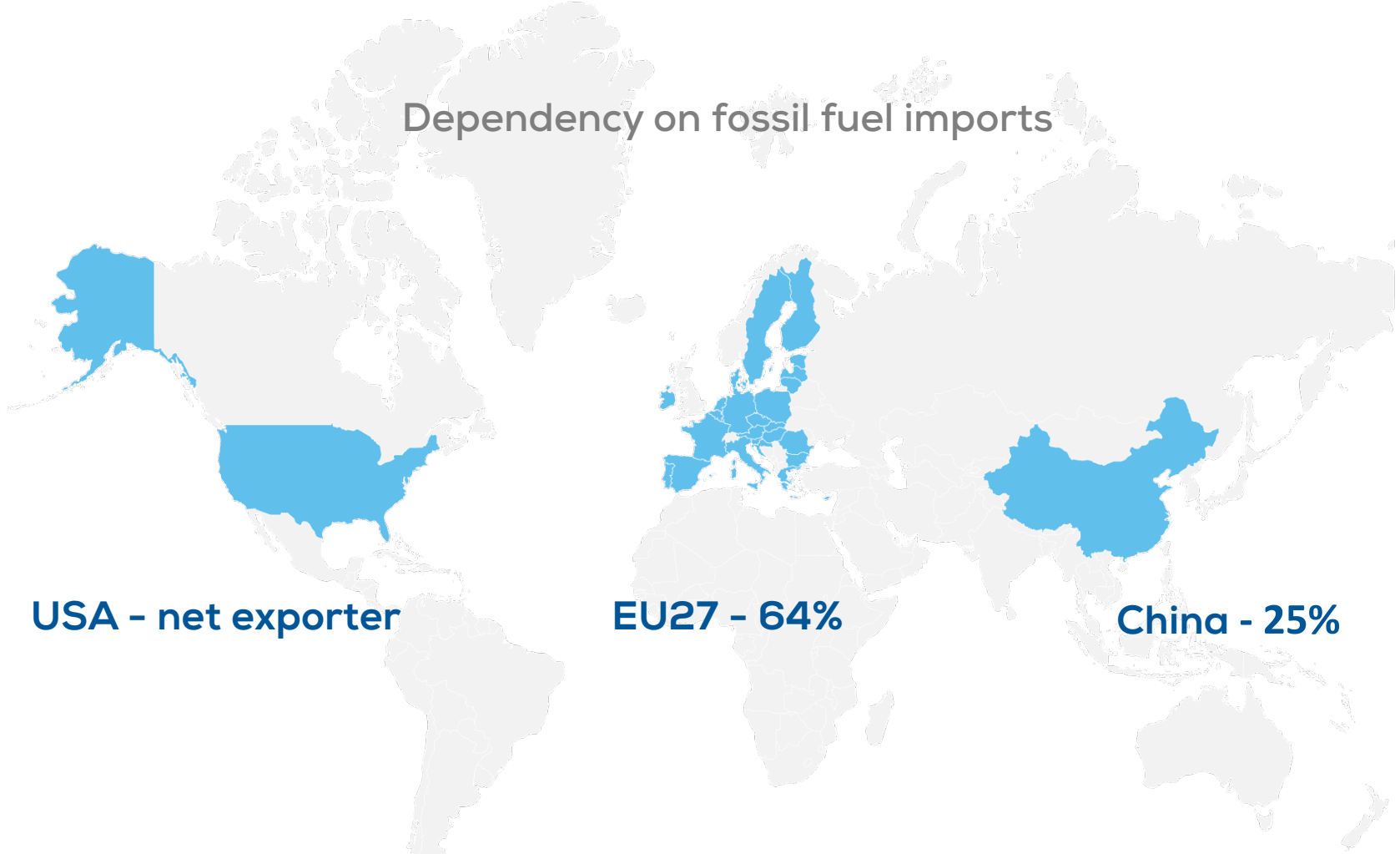


# WINDEUROPE 10 - POINT PLAN

# Europe has an energy dependence problem



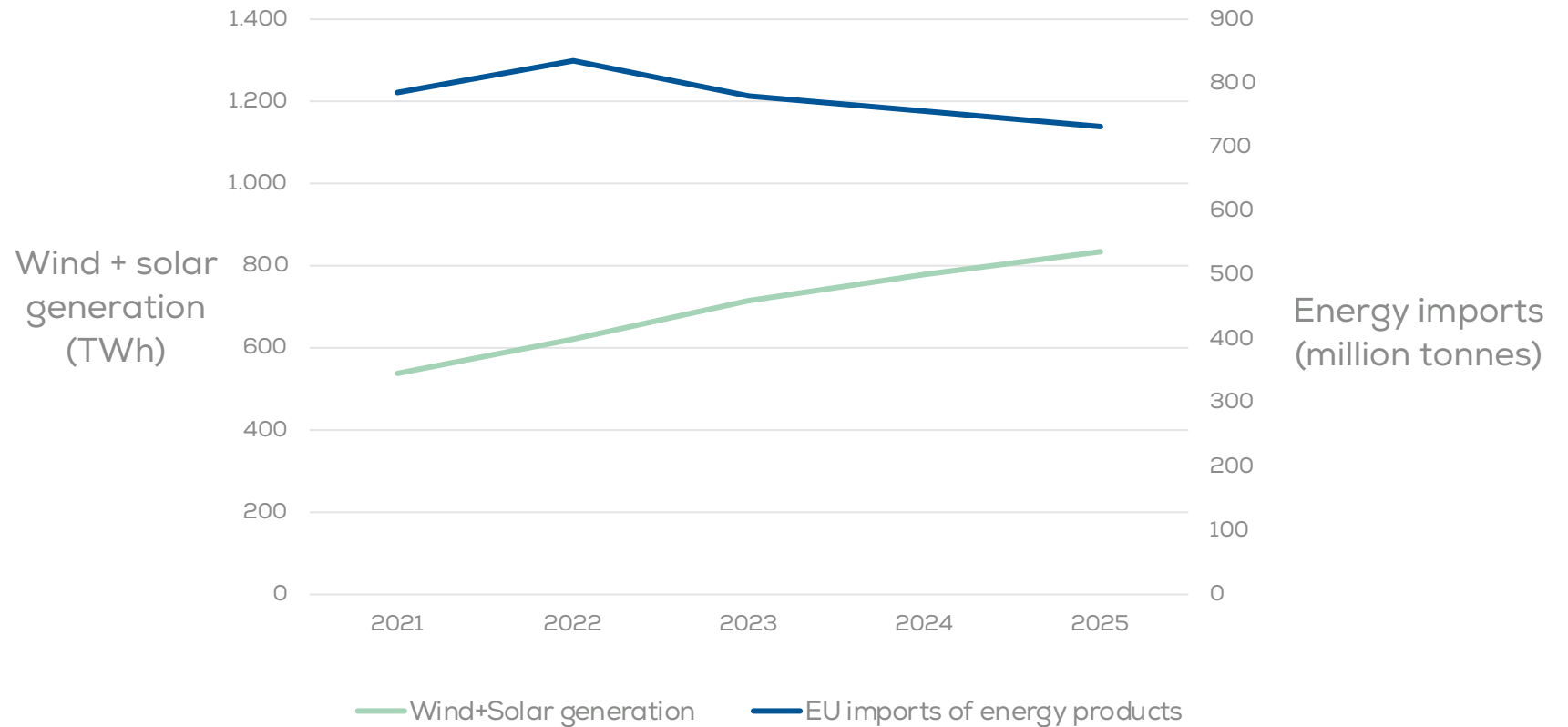
$$\text{Fossil fuel dependency} = \frac{\text{Net imports: coal, crude oil, NGL, natural gas, oil products}}{\text{Total energy supply}}$$

# We are better prepared than before Russia's invasion of Ukraine

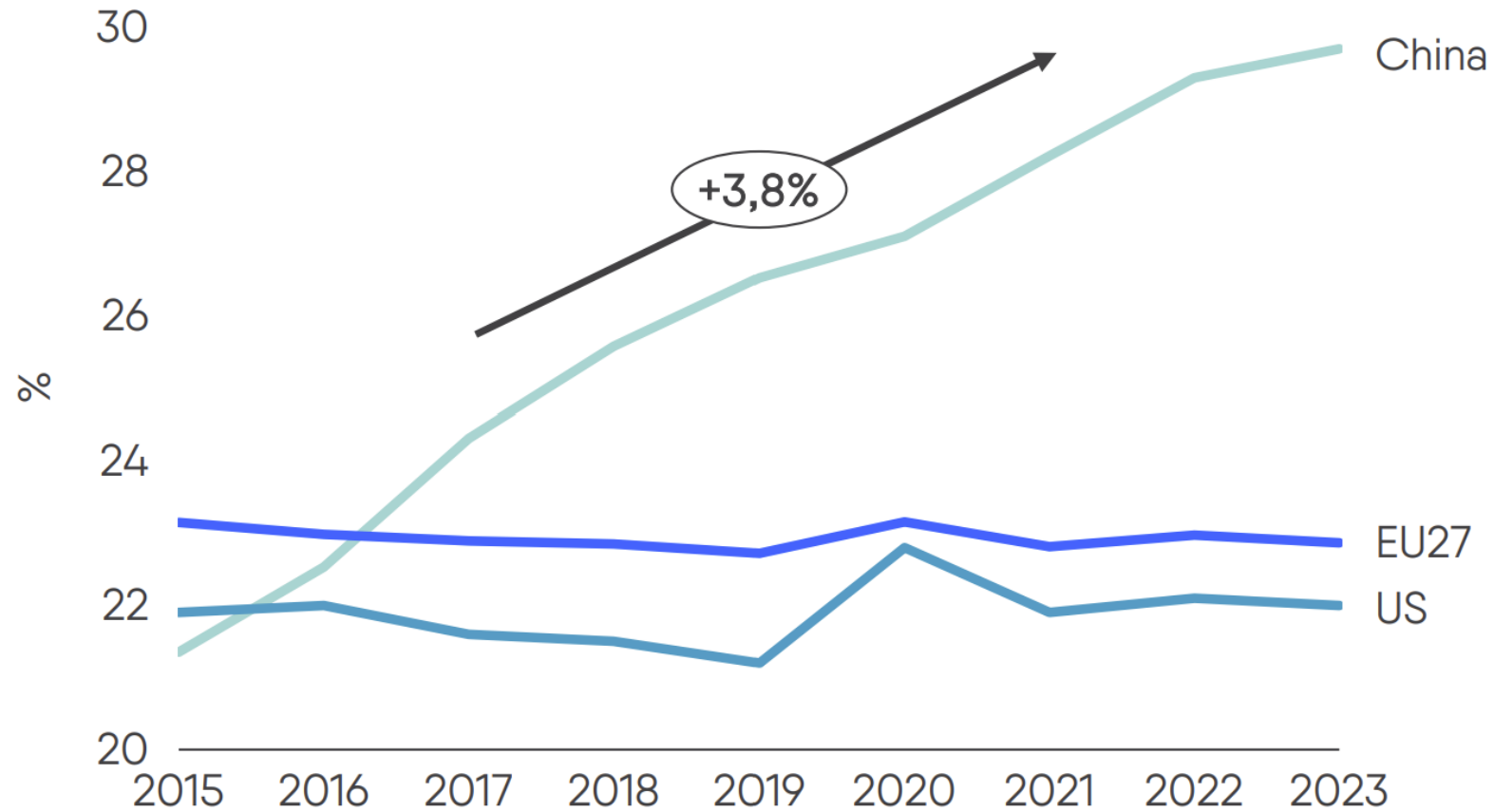
Since 2022:

Less imported  
energy products

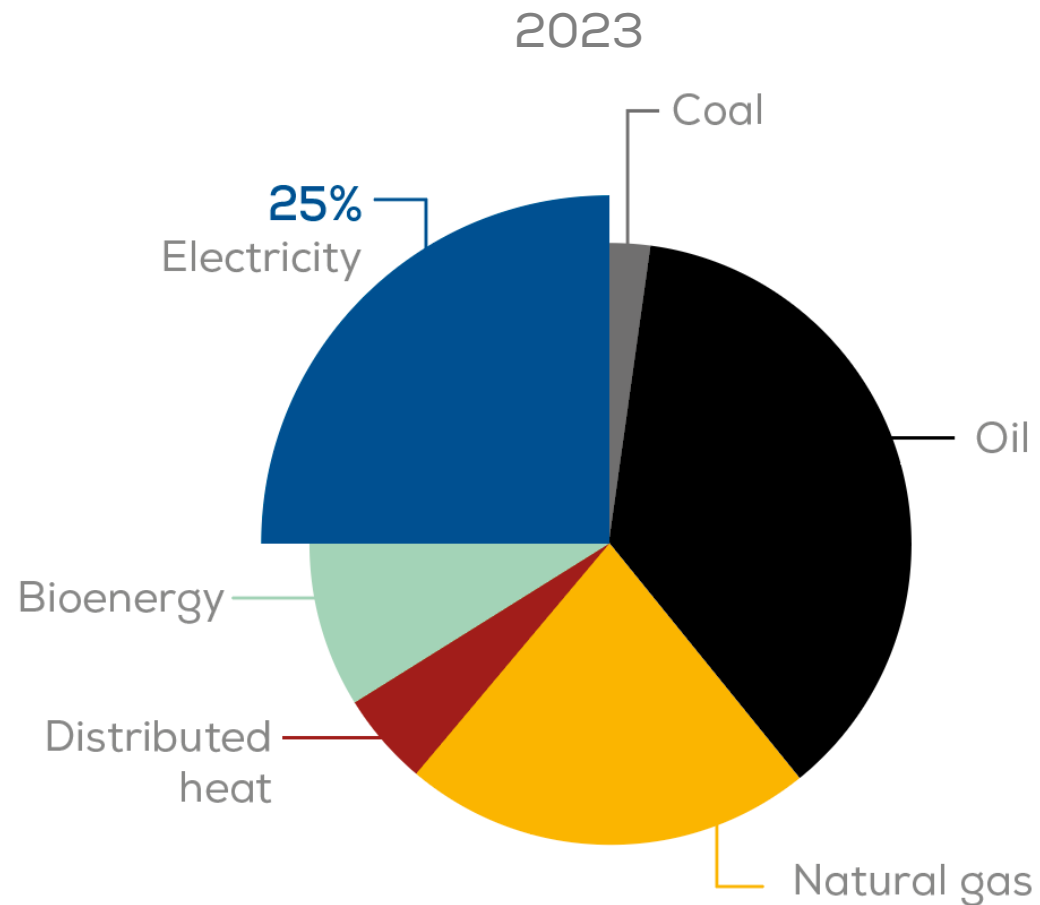
More homegrown  
renewable energy



# But the EU's electrification rate is stagnant



# And electricity is still less than 25% of our energy



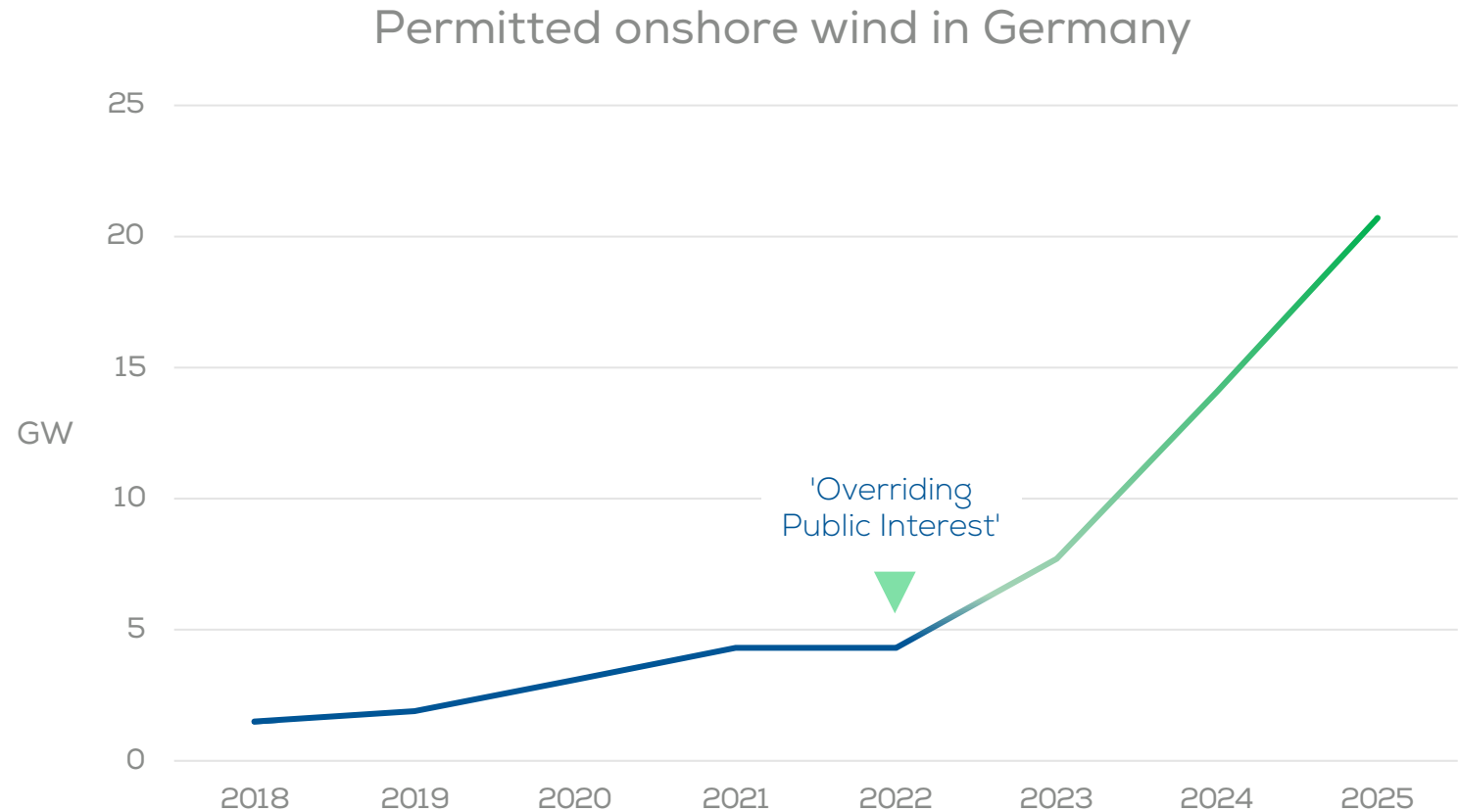
10 immediately actionable measures  
that require no changes to existing legislation

# 1. Turbocharge permitting by implementing current rules

43.5 GW permitted  
since 2022 will  
produce ~ 115 TWh



More than the power  
demand of the  
Netherlands



## 2. Maximise auction potential

Award more



The UK increased  
AR7 budget



+ 3.5 GW



Power for  
3.8 million homes

Bring forward



The Netherlands brought  
forward auction to 2026



1 GW



Avoid  
1.4 million tonnes CO<sub>2</sub>

Carry over  
unspent budget



Germany offered unawarded  
volume from 2022-23



900 MW



Power  
1.3 million EVs

# 3. Repower now to unlock European wind power potential

Repower all Europe's turbines 20+ years old



Net generation increase  
=  
industrial power demand of France



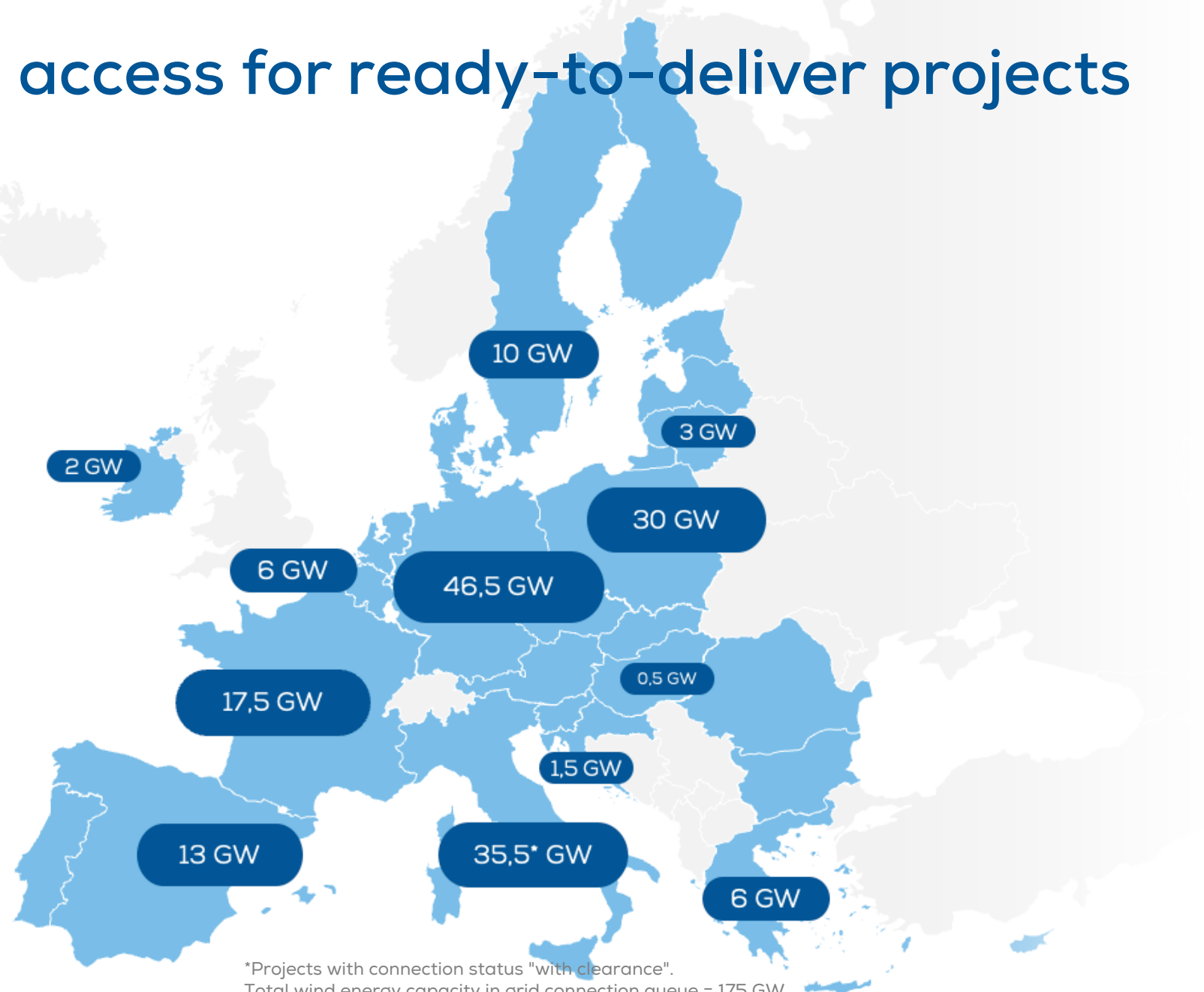
**3x more**  
electricity produced



**25% fewer**  
turbines

# 4. Prioritise grid access for ready-to-deliver projects

Double wind power generation in the EU with 170 GW+ wind energy projects in grid connection queues



\*Projects with connection status "with clearance".  
Total wind energy capacity in grid connection queue = 175 GW

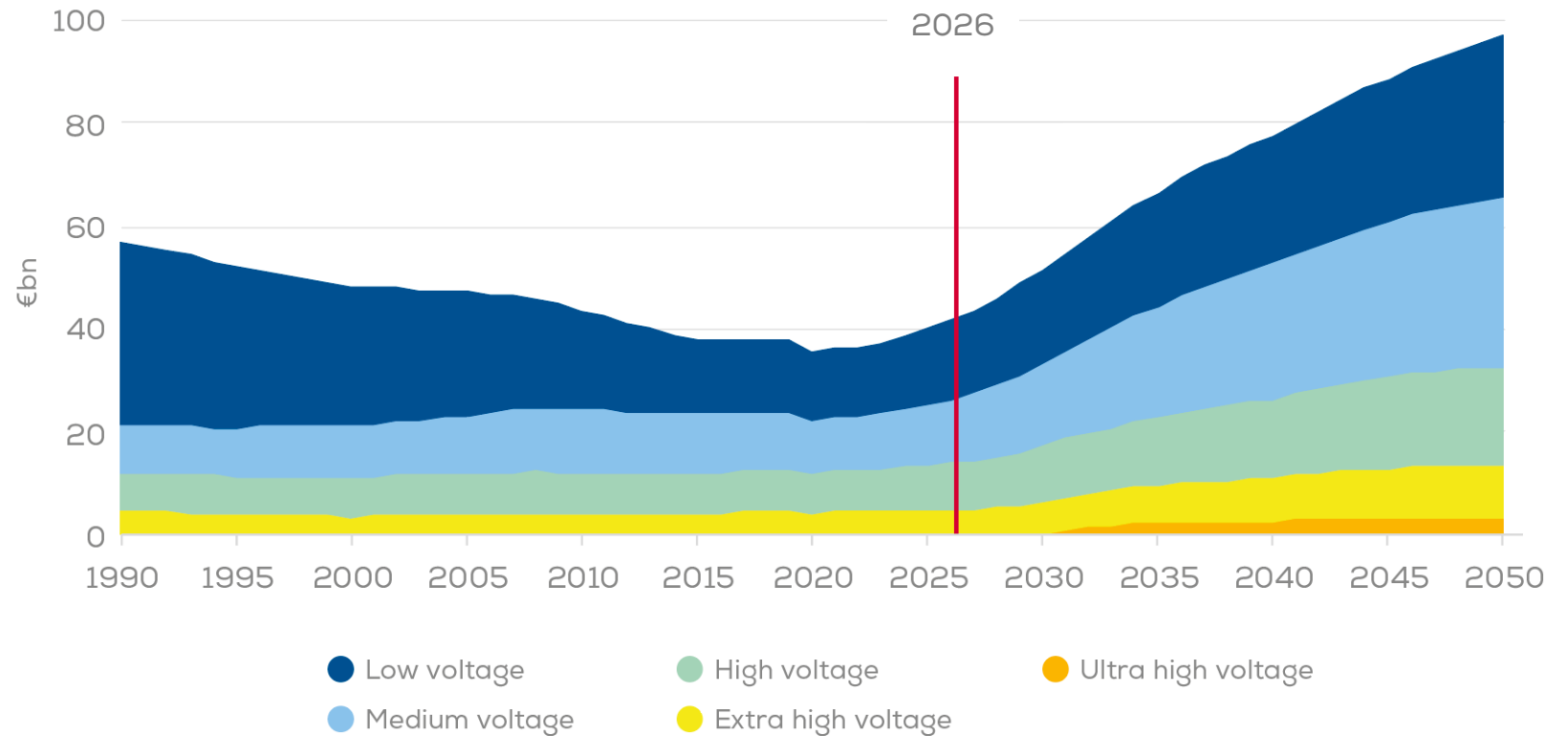
# 5. De-risk grid investments

Increase EU funding x 5

Align risk and remuneration for grid operators

Crowd-in private finance

### Annual grid investments needed



## 6. Scale up grid manufacturing by committing to volumes – it worked for COVID 19 vaccines



EU de-risked demand for COVID vaccines

Private capital delivered scale



EU should de-risk investment in grid manufacturing

Private capital can deliver manufacturing capacity

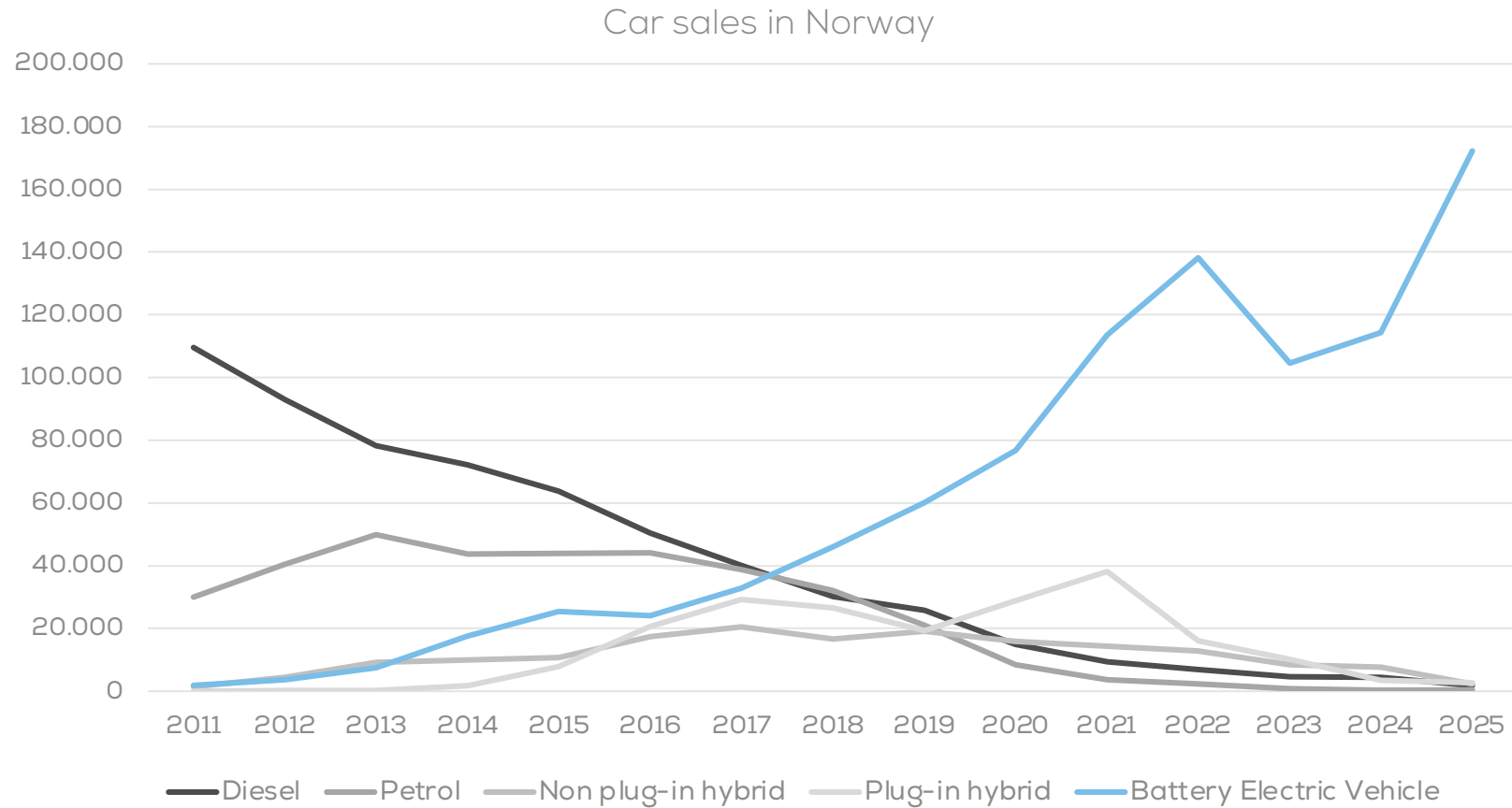
Europe needs 200,000 transformers a year

# 7. Remove tax from heat pumps and electric vehicles

Taxes drive technology choice

Full VAT + fuel tax

Zero VAT



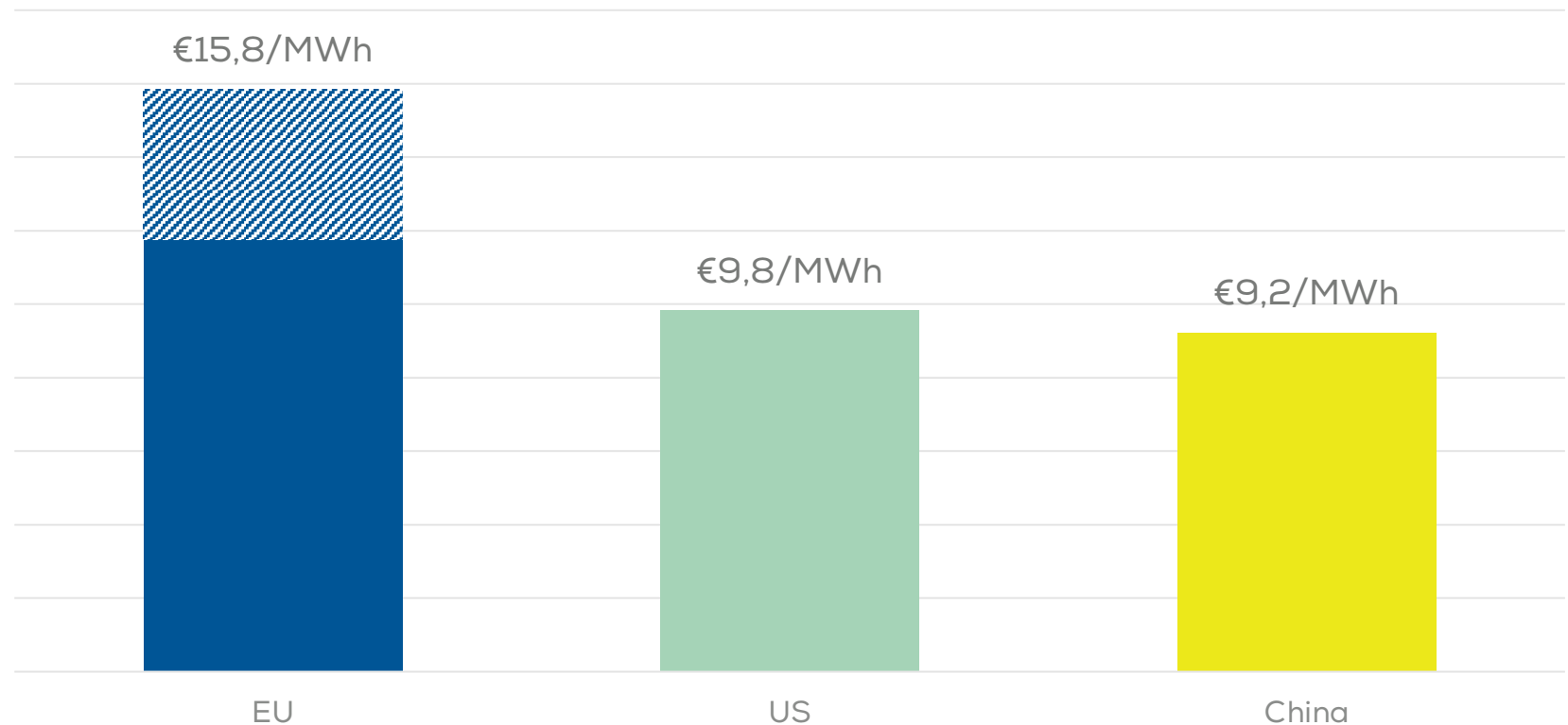
# 8. Permanently cut taxes on electricity

Europe is at a competitive disadvantage

Immediately improve competitiveness by removing VAT and regulated charges - 25%

Energy and network charges - 75%

Electricity costs for industry



# 9. Electrify industrial demand that is ready first

Prioritise low and medium temperature industrial heat sector

930 TWh of industrial process heat can already be electrified

≈

The combined power demand of France and Germany



Photo: TLK Energy

# 10. Fast track PPAs to electrify industry

Relax State aid rules  
for industrial PPAs

&

Replace 1,000 LNG  
cargoes a year  
with homegrown  
electricity

