



**Shell**  
**ENERGY**

# INDUSTRY CHALLENGE TO A LOW-CARBON ECONOMY

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# SHELL'S NET CARBON FOOTPRINT AMBITIONS

- To be net-zero on all the emissions from the manufacturing of our products by 2050 or sooner.
- To reduce the carbon intensity of the energy products we sell by 65% by 2050.
- To help our customers to decarbonise.



# THE TOPIC FOR TODAY

Three key words:

**CHALLENGE**

**LOW-CARBON  
ECONOMY**

**INDUSTRY**



## MORE AND CLEANER ENERGY SOLUTIONS

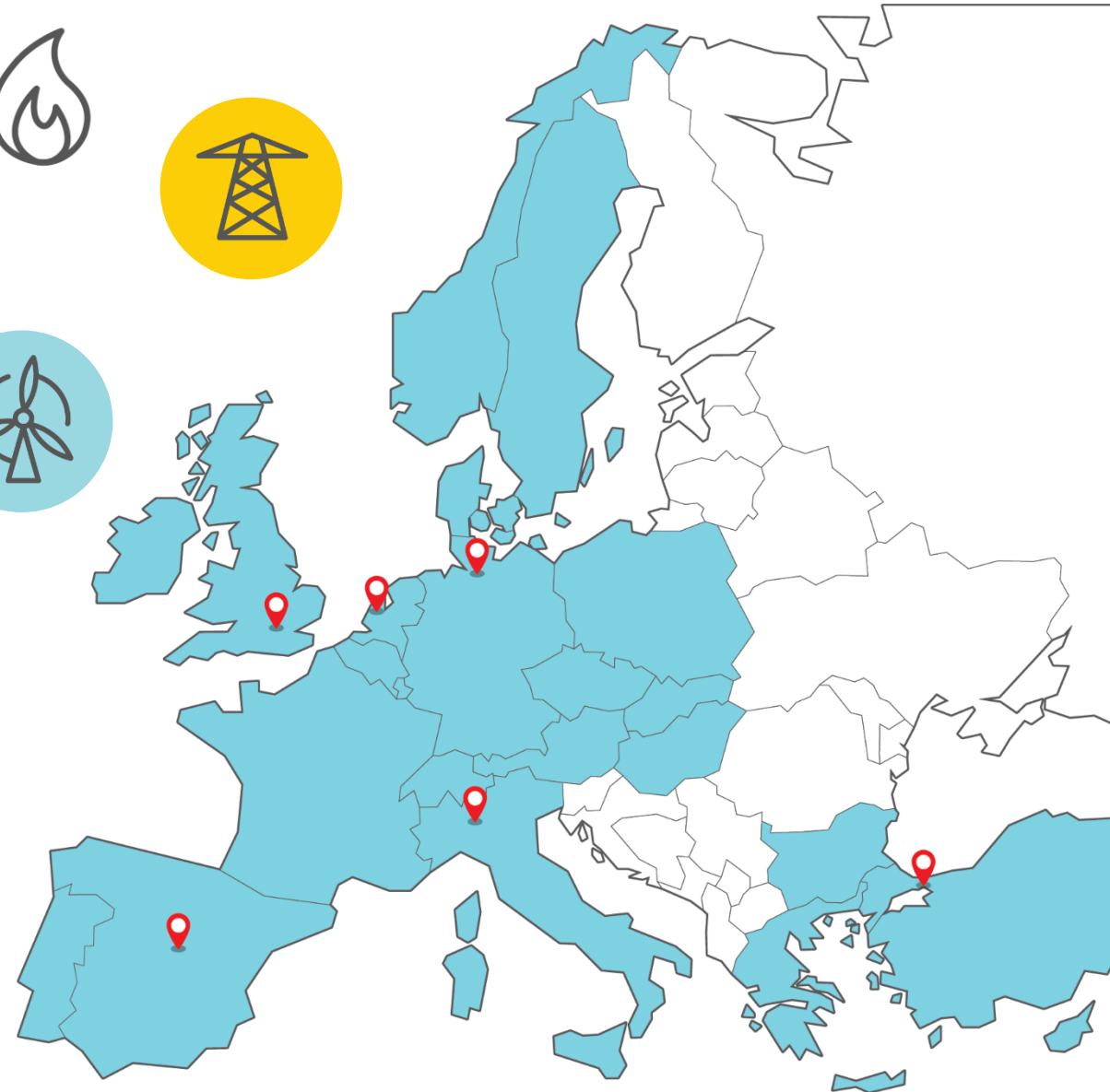
Shell Energy Europe provides business customers with innovative, reliable and cleaner energy solutions, helping them meet their energy needs and navigate through the energy transition.

Through our portfolio of gas, power and environmental products, we offtake, trade, supply and enable our customers to get the most from their energy assets.



**20**  
COUNTRIES

With operations across 20 countries, we provide tailored and innovative solutions across Europe.



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# THE DIALOGUE WITH INDUSTRIAL CUSTOMERS: OBSERVATIONS



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## COMMITMENT

Commitment of the industrial sector to the usage of lower carbon energy is there



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## COMPLEXITY

It's sometimes difficult for them to find the right pathway

# THE ROLE OF ENERGY SUPPLIERS

**Immediate products**

**Power purchase agreement for 83 MW of Spanish solar**

**Shell PPA for electricity from 100 MW energy storage facility in the UK**

**Accordo verde tra CLN e Shell Energy**

Perris Magnetto: «Grazie all'accordo compenseremo il 100% di emissioni di CO2 derivanti dalla combustione del gas»

**Innovative solutions**

**Shell Nederland & ENCO Working Together to Create Green Hydrogen Hub in the Port of Rotterdam**

**British Airways and Shell plan Europe's first commercial waste to jet fuel plant**

**Knowledge sharing**

**Shell, Volvo and Daimler Back Hydrogen as Europe Sets Its Sights on Truck Emissions**

# DECARBONISATION FOR INDUSTRIAL SECTORS: A COMPLEX MATTER

- consider effectiveness with associated costs
- anticipate the acceptance by stakeholders
- evaluate the technical complexities

**Can we afford even the slightest misalignment or confusion?**





# WAY FORWARD TO SUPPORT INDUSTRIAL CONSUMERS

Large consumers

Energy suppliers

Government



- align ETS with the climate neutrality objective
- sectoral approach
- step up carbon removal technologies (NBS and CCUS)



