

11th CEWEP Congress Gdansk

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CONFEDERATION OF EUROPEAN
WASTE-TO-ENERGY PLANTS





Welcome to Gdańsk!

 CEWEP

Representing owners and
operators of WtE plants
(public & private) since 2002

CEWEP members: 24
countries, 83 M tonnes, 419
plants

Total in Europe: 100 M
tonnes, 498 plants

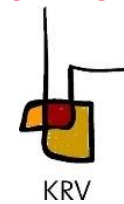
Citizens served in EU 27:
over 348 millions



CONFEDERATION OF EUROPEAN
WASTE-TO-ENERGY PLANTS



Members



A clean and safe circular economy relies on WtE for...

- **Resource responsibility:**

Clean cycle, low emissions, energy recovery, secondary materials

- Providing **pollutant sink and sanitary task**

- Recovering **value from residual waste**, prevents landfilling, and provides raw materials

- **Reducing reliance on fossil fuels** and imported energy

WtE - Enabler of transition and resilience for cities and industries



Waste-to-Energy is essential for a successful Clean Industrial Deal



Energy
independence

Circularity

Industrial
decarbonisation



Waste-to-Energy is essential for a successful Clean Industrial Deal

Energy independence

- **Secure Energy**

WtE = local and reliable baseload energy source

- **Affordable energy**

WtE = stable price

- **Decarbonised district heating & cooling and steam for industry**

WtE = clean heat



Waste-to-Energy is essential for a successful Clean Industrial Deal

Circularity

- **Treats pollutants** embedded in the waste

WtE = clean circle

- **Recovers materials**

WtE = metals, minerals, CO₂ recovery

- **Diverts waste from landfills**

WtE = reduced reliance on landfills

Decarbonisation needs circularity



Waste-to-Energy is essential for a successful Clean Industrial Deal

Industrial decarbonisation

- **Energy substitution**

WtE = low-carbon, partly renewable

- **Resource efficiency**

WtE = metal and mineral recovery

- **Carbon management**

WtE = source of biogenic CO₂



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Energy Independence

Circularity

Industrial decarbonisation

Σ WtE = carbon neutral

with CCUS WtE is carbon negative



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Energy
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WtE = carbon neutral

With CCUS WtE is
carbon negative



**WtE is an essential part
of the Circular Economy**

**And these are CEWEP's
messages ...**





CEWEP's calls

Waste management

Support WtE's hygienic role in policymaking

Promote the waste hierarchy, requiring pollution prevention at each level

Minimise landfilling of waste that can be used for material or energy recovery





CEWEP's calls

Energy and residues

Recognise WtE and material recovery from IBA in sustainable finance legislation

Ensure the efficient use of WtE as a local, reliable and sustainable energy source





CEWEP's calls

Climate

Develop a clear and coherent policy framework to mitigate climate change

Perform a holistic impact assessment before considering the inclusion of the waste sector in the EU ETS



Waste-to-Energy

Powering the circular economy
and the clean industrial deal



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