

The role of biomethane in sector coupling

Valuing
consumer
action



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Why renewable gas is needed as part of the energy mix?

- Not all processes can be electrified
 - E.g. high temperature heating
- Back-up source of electricity
 - E.g. during the 'Dunkelflaute'
- We need all renewable energy we can use
 - E.g. to avoid problems with power network congestion

Advantages biomethane

- Renewable source energy
 - Just like electricity
- Local production
 - Energy independence and local jobs in rural areas
- Possibly carbon negative process
 - Biogenic CO₂ captured and other side streams



Exchanging certificates between electricity and gas

- Important when making electricity from renewable gas
- Rules set in new EN 16325 standard



Impact Union Database

- UDB new EU wide database for renewable gas with Proof of Sustainability
- Might make conversion more difficult

