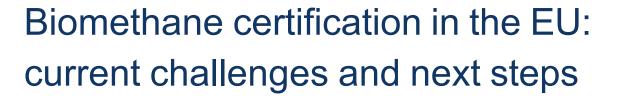
16/17 April 2024 Amsterdam

Valuing consumer action





Kateryna Dolzhenko

Regulatory Affairs Manager, Shell Energy Europe Platinum sponsor

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How do we certify biomethane nowadays?



Guarantee of Origin

for biomethane as an energy carrier

Electronic certificate

on the trader's account

Supported by the IT system of the GO registry

Book and claim

Limited lifetime

(12 – month validity, 18 – month expiry)

Proof of Sustainability (POS)

for biomethane in transport/ EU ETS compliance

Self-declaration in PDF/ XLS format

issued by producers, traders certified under ISCC/ REDcert/ other voluntary schemes

Nabisy in DE, but no EU – wide IT system => Union Database from November 2024

Mass balance

for the interconnected gas infrastructure

No lifetime limitations

due to storability of fuels

Blockers for the cross-border trade of biomethane

Technical blockers

Lack of standardisation (e.g. carbon intensity data fields are not available in all GOs; format of POS is not harmonised)

Two cross-border schemes for transfer of GOs

No back-up if the GO transfer cannot be executed (e.g. ex-domain cancellation is not always available)

Regulatory fragmentation

Different documents are required for compliance verification in different Member States

Different approaches to biomethane accounting in renewable energy targets (production vs consumption)

Way forward with the biomethane certification: what to expect from the UDB?



Our goal is a more efficient cross-border trade of biomethane

UDB as a central data hub/ registry allowing to check:

absence of double claims/ double counting

sustainability and GHG emission saving requirements across the full value chain

mass balance for the interconnected gas infrastructure

i) Single interface via UDB

connection of GO registries, Nabisy and other national databases to UDB

ii) Single freely transferable electronic certificate

iii) Link between certificates and gas to be demonstrated via UDB

(reconciliation between 'mass balance' and 'book and claim')

iv) Harmonized biomethane accounting by Member States