



Certificates
PoS



In this PDF, you will gain insight into how the systemic level works when purchasing certificates with Proof of Sustainability (PoS) — focusing on the three central purposes: ESG, regulatory compliance, and displacement requirements. We explain the function, use, and benefits of PoS and provide you with a complete overview of the key points.

As one of the few players in Denmark, we are both a producer of biogas and a supplier of gas certificates. This means we have practical experience across the entire value chain – from production to documentation – and can advise you with full insight into every step of the process.

PoS - Proof of Sustainability

- Sustainability certificates for biofuels and biomethane

While a Guarantee of Origin (GoO) documents that biofuel or biomethane has been produced in accordance with applicable sustainability requirements, a PoS certificate serves as a complementary document providing additional traceability and detailed emissions calculations, enabling the delivery to meet regulatory compliance obligations.

The purpose is to ensure that the biomass:

- Is produced in an environmentally responsible manner.
- Reduces greenhouse gas emissions compared to fossil alternatives.
- Does not originate from areas with high biodiversity or recently cultivated forest land.

PoS is used in connection with EEG, RED II (EU Renewable Energy Directive), and for trade and accounting of green energy.

Why is PoS important for you as a customer?

- PoS makes your non-fossil energy verifiable, credible, and valuable.

A PoS-certified delivery means that you, as a customer, can:

Document your green profile

- Use PoS in your ESG reporting, sustainability strategy, and climate communication – supported by verified data, not assumptions.

Ensure compliance

- PoS fulfils the requirements of the EU's RED II Directive, national authorities, and industry standards – helping you avoid uncertainty related to legal and audit obligations.

Strengthen your brand

- A PoS certificate gives you a verifiable claim to present to customers, investors, and partners: “Our energy is certified sustainable.”

Enable trade and export

- With valid PoS certificates, you can trade biomethane and biofuels across borders – safely and with recognition throughout the EU.

How does PoS work?

1. Certification of biomass

- The producer or supplier has the biomass certified through an approved certification scheme (e.g. ISCC, RSB, or REDcert).
- The certificate documents the origin, type of biomass, and CO₂ savings.

2. Tracking and registration

- The biomass receives a unique ID in a tracking system, such as NABISY in Germany.
- The system ensures that the same quantity of biomass can only be used once for sustainability documentation.

3. Transfer of PoS

- When biomethane or biofuel is sold, a PoS certificate accompanies the delivery.

- The buyer can then use the certificate to document compliance with legal obligations – such as displacement targets, CO₂ reporting, or green certificate schemes.

Application in the biogas sector

In the biogas industry, PoS is mainly used for:

- Trading of biomethane certificates – verifying sustainability of sold gas.
- ESG reporting – highlighting sustainable activities.
- CO₂ calculations and climate compliance – PoS certifies how much CO₂ is saved by using biomethane instead of fossil natural gas.



Benefits of PoS

- Ensures transparency throughout the entire supply chain.
- Enables international trade in green gas and biofuels.
- Supports compliance with legislation and climate targets.
- Reduces the risk of double counting CO₂ savings.



A strategic partner in non-fossil energy and CO₂ reduction since 1980

We have been driving sustainable transformation for over four decades. As owners of the entire value chain, we offer our partners full transparency and traceability. We are committed to supporting a greener footprint across sectors – whether in heavy transport, large industrial emitters, or the utilisation of challenging bio-waste streams.

Shall we help
you move
forward?

For your company, PoS provides credible documentation of non-fossil energy that strengthens your sustainability efforts, transparency, and business value.

Please don't hesitate to reach out if you would like our advice.

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