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Regulatory Outlook



Agenda

- **The EU's Fourth Gas Market Package**
- **Expiry of the Gas Network Access Ordinance (GasNZV)**
- **Transformation of the distribution networks**

Regulatory Outlook

at EU and national level



The fourth gas market package

What is the package about?

Legislative package aimed at implementing the European Green Deal and achieving climate neutrality by 2050. Key elements include the **legal and regulatory framework for hydrogen**, new requirements to improve the energy efficiency of buildings and measures to reduce methane emissions in the energy sector.

Which are the key elements for the gas industry

- Unbundling requirements for hydrogen network operators
- Network access requirements for the hydrogen industry
- Institutions for cooperation between network operators at EU level
- Strengthening consumer rights (switching suppliers within 24 hours)
- Blending requirements

Directive and Regulation

Directive sets out rules for market organisation

- Unbundling rules:
 - Vertical: ITO model is possible for an unlimited period of time
 - Horizontal: yes, but member states can deviate following a cost-benefit analysis
- Market roles and their responsibilities
 - DSOs and TSOs have separate roles

Regulation governs the functioning of the market

- Creation of network codes
 - NC CAM, NC Bal, Cyber Security, etc.
- Establishment of associations
 - ENNOH
 - DSO entity
- Consumer protection
 - Supplier switching within 24h

Green Paper by Federal Ministry for Economic Affairs and Climate Action (BMWK)

Background: Need to decarbonise energy infrastructure to achieve climate targets

Objective: Transition from traditional natural gas networks to hydrogen distribution networks by 2045.

Relevance: Ensuring a sustainable, secure and climate-friendly energy supply. This also includes the gradual dismantling of existing gas networks.

Important milestones and deadlines

- **2028:** Network operators to submit roadmaps and investment plans for transition to hydrogen.
- **2035 & 2040:** Important interim targets on the way to complete transformation.
- **2045:** Target year for complete conversion and achievement of climate neutrality.

Adjustments in the regulatory environment

- **Authorisation procedure:** Necessary approvals from the Federal Network Agency by the end of 2024.
- **Legal requirements:** Need to comply with climate targets and ensure economic and technical feasibility.
 - Rules for network connection obligations and cancellations as well as the adjustment of fee regulations to ensure economic viability.
- **Regular reviews:** Need to ensure that conversion plans are up to date and relevant.

Economic considerations and challenges

- **Cost structure:** Adjustments to the costs and financing of the transformation.
- **Switch to a hydrogen and renewable energy-based supply can lead to increased costs in the short term and possibly to an unbalanced distribution of costs between consumers.**
- **Economic incentives:** Need to create incentives for investment in hydrogen infrastructure.
- **Security of supply:** Continuous and reliable energy supply during transition phase.
- **During the transition phase, network operators will have to ensure that the supply of energy remains reliable and uninterrupted.**

What about biomethane?

- **Limited availability:** Biomethane is a very limited resource (only 10 TWh/a)
 - **could lead to considerable scarcity and high prices**
- **Regulatory phase-out:** Current privileges for biomethane plants (GasNZV) to expire at the end of 2025
 - **will have an impact on future funding and support of biomethane**
- **Risk of a lock-in effect:** investments in biomethane infrastructure could lead to a 'lock-in effect'
 - **Dependence on this energy source could have undesirable economic consequences in the long term**
- **Need for planning certainty:** Green Paper emphasises the need for rapid planning certainty for operators of natural gas distribution networks and biomethane plants in order to be able to make efficient and economically viable decisions.

What's next?

- The ideas from the Green Paper are to be translated into a new regulatory and legal framework.
- **Public consultation** (already underway)
- **Adjustments to regulatory framework:** Based on the feedback from the consultation process, steps will be taken to ensure that the legal conditions are in line with the new goals of the energy infrastructure, in particular as regards the transition to hydrogen and the gradual reduction of natural gas.
- **Implementation of new laws and regulations:** new laws and regulations are to be put in place to govern the operation and development of gas and hydrogen networks.

Objective: These regulations are to be enshrined in national law by 2025.

GasNZV to expire

- Background:
- **ECJ ruling: BNetzA is not independent enough**
- Result:
- **BNetzA is granted extensive competences (EnWG amendment from January 2024)**
- Consequence:
- **GasNZV expires on 1 January 2026**

What will come after the GasNZV?

- BNetzA will (have to) define rules for the existing network access requirements.
- BNetzA will most probably begin this process by the summer and involve the market through consultations.
- **Potential focus topics:**
 - Capacities
 - Balancing
 - Supplier switching
 - Biogas



Thank you.

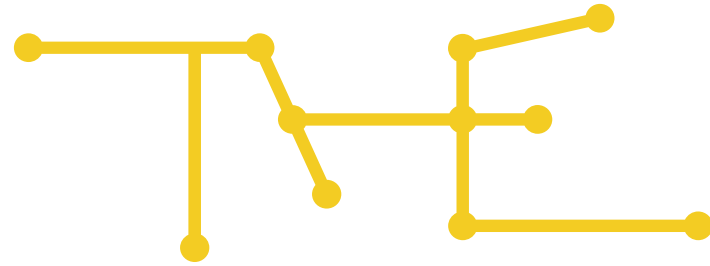
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Anna-Louisa-Karsch-Str. 2
10178 Berlin

T: +49 30 364 289 - 371

F: +49 30 364 289 - 420

E: service@tradinghub.eu



TRADING HUB EUROPE

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Trading Hub Europe GmbH

Head office:
Kaiserswerther Straße 115
40880 Ratingen

Berlin office::
Anna-Louisa-Karsch-Straße 2
10178 Berlin

www.tradinghub.eu

Board of Management

Dr Thomas Becker, Jörg Ehmke,
Torsten Frank, Dr Sebastian Kemper

Düsseldorf Local Court, HRB 93885

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