Eurogas | LDAR Webinar

# Implementation: Requirements, Standards and Industry Perspectives

thuga



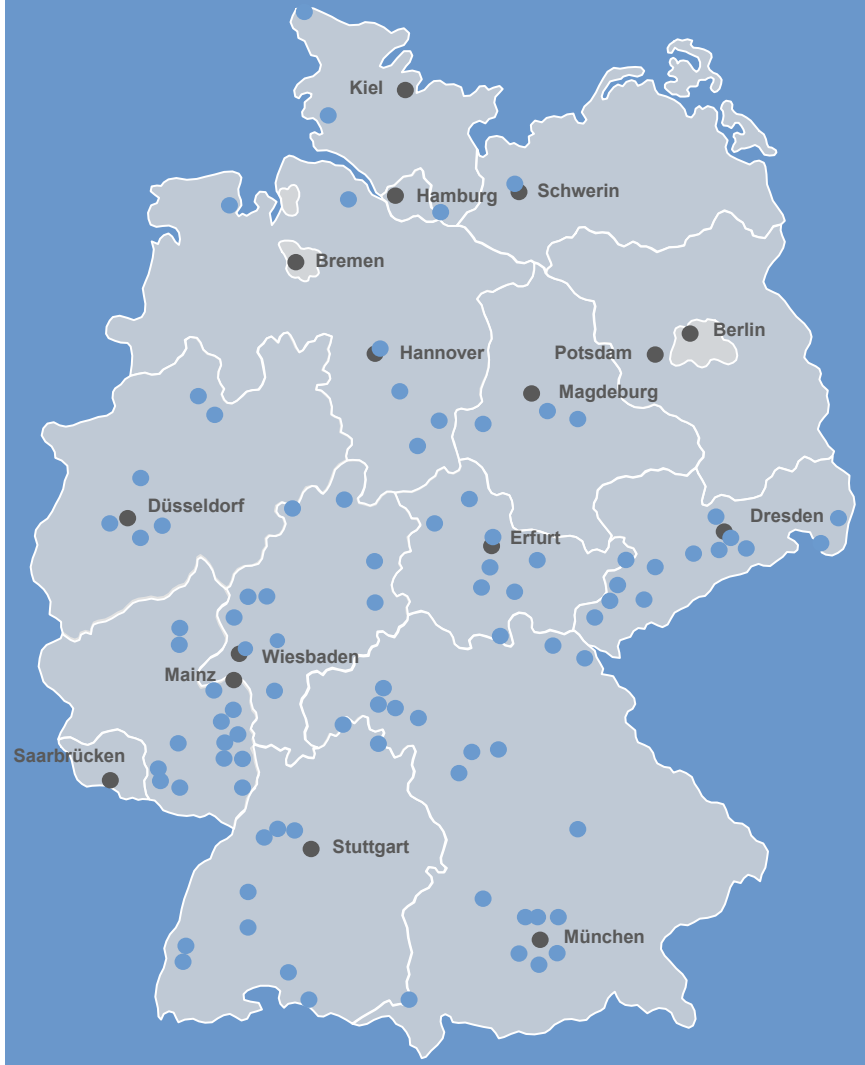
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# Implementation: on Lord of the Rings and Fishtanks

thuga



# About Thüga



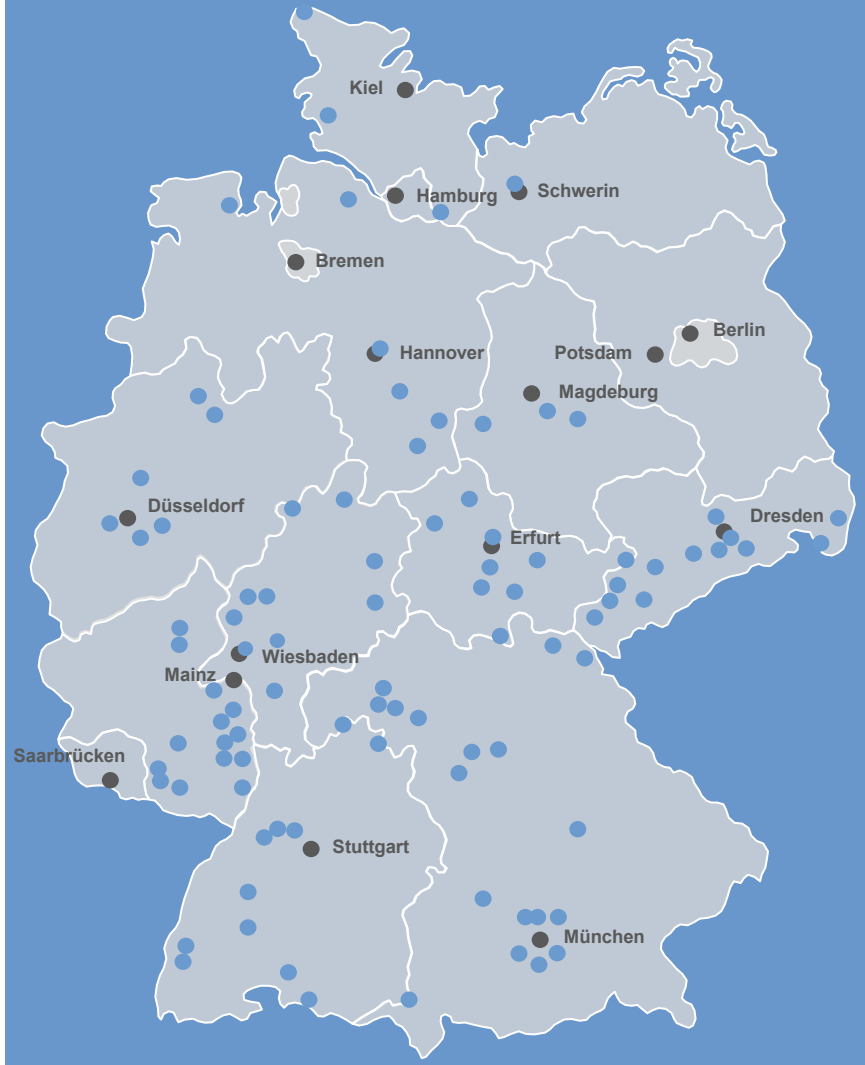

**Employees** (in Germany, 2024)

| | | |
|---|---|---|
| 1. | e.on | 42.293 |
| 2. | Thüga | **27.200** |
| 3. | EnBW | 27.005 |
| 4. | RWE | 14.470 |

**German DSOs Natural Gas** (Length, 2024)

| | | |
|---|---|---|
| 1. | e.on | 94.000 km |
| **2.** | Thüga | **81.000 km** |
| 3. | EWE netz | 57.000 km |
| 4. | NETZGESELLSCHAFT BERLIN·BRANDENBURG | 14.000 km |
| *(Spain:* | | *~ 85.000 km)* |

# About Thüga

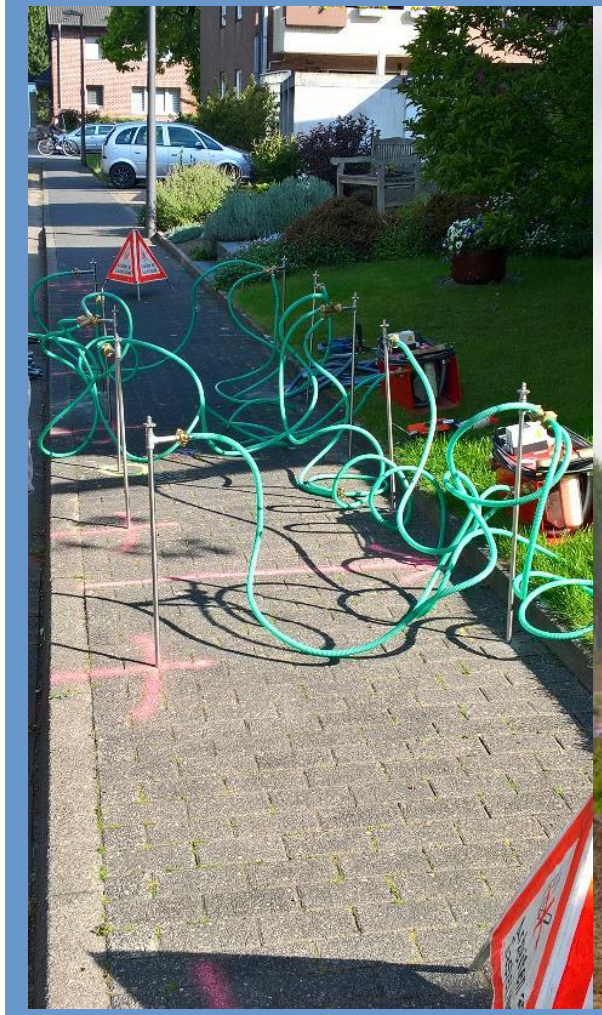

Kiel
Hamburg
Schwerin
Bremen
Hannover
Potsdam
Berlin
Magdeburg
Düsseldorf
Erfurt
Dresden
Wiesbaden
Mainz
Saarbrücken
Stuttgart
München


OGMP
Oil And Gas Methane Partnership 2.0
THÜGA ENERGIENETZE GMBH
ACHIEVED
GOLD STANDARD REPORTING
FOR 2025 REPORTING YEAR
Gold Standard Reporting signifies that the company has established a methane reduction target and reached Level 4 and Level 5 of OGMP 2.0 reporting for all in scope material assets within the required timeline.
Giulia Ferrini, OGMP 2.0 Manager

# Upstream, Transmission and Distribution are different… (Article 12 | Annex II / frequency)



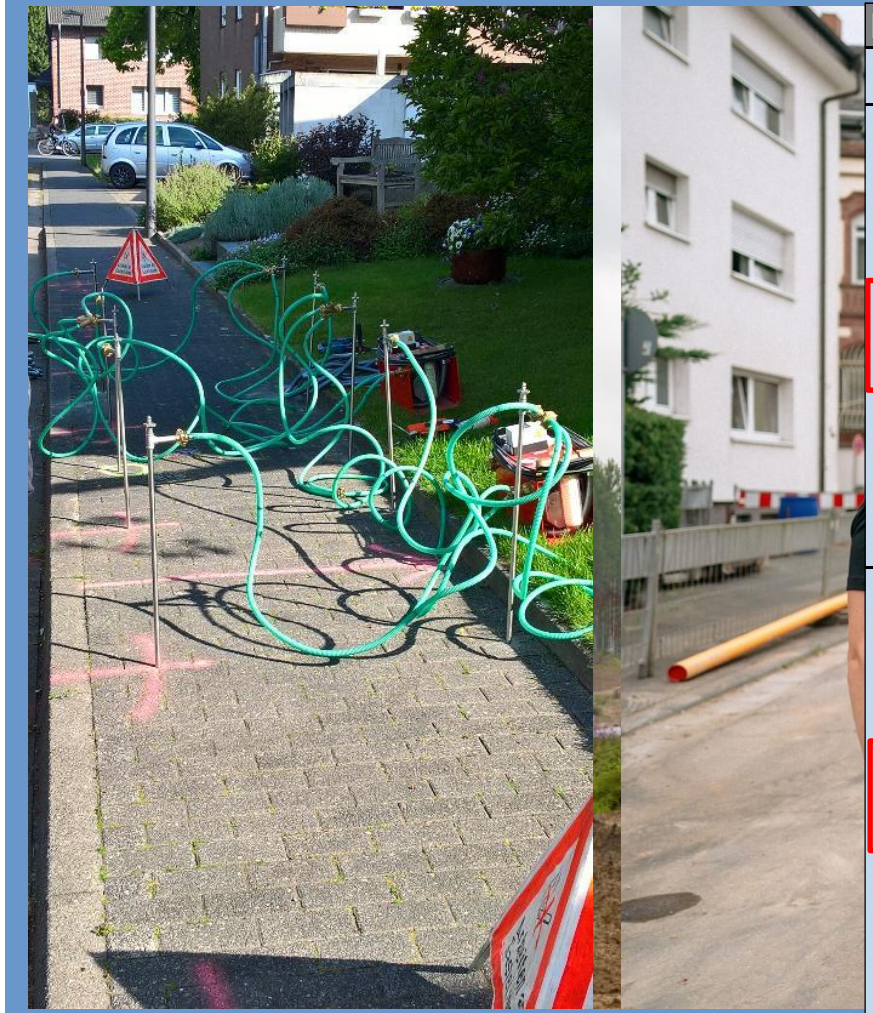
# Upstream, Transmission and Distribution are different… (Article 12 | Annex II / frequency)







# Upstream, Transmission and Distribution are different… (Article 12 | Annex II / frequency)



| Design Pressure | Type of Component | Frequency | Frequency |
|---|---|---|---|
| | | Typ 1 LDAR-survey | Typ 2 LDAR-survey |
| Design pressure > 16 bar* | Cast iron<br>Bitumen sheathed | 3 months | 6 months |
| | Asbestos<br>Ductile casting | 6 months | 12 months |
| | Steel without PPS<br>Copper | 12 months | 24 months |
| | PE<br>PVC<br>Steel with Corrosion protection | 24 months | 36 months |
| | Compressor stations<br>Regulating and metering station | 4 months | 8 months |
| | Valve Station | 9 months | 18 months |
| Design pressure <= 16 bar | Cast iron<br>Bitumen sheathed | | 6 months |
| | Asbestos<br>Ductile casting | | 12 months |
| | Steel without PPS<br>Copper | | 24 months |
| | PE<br>PVC<br>Steel with Corrosion protection | | 36 months |
| | Compressor stations<br>Regulating and metering station | | 9 months |
| | Valve Station | | 21 months |

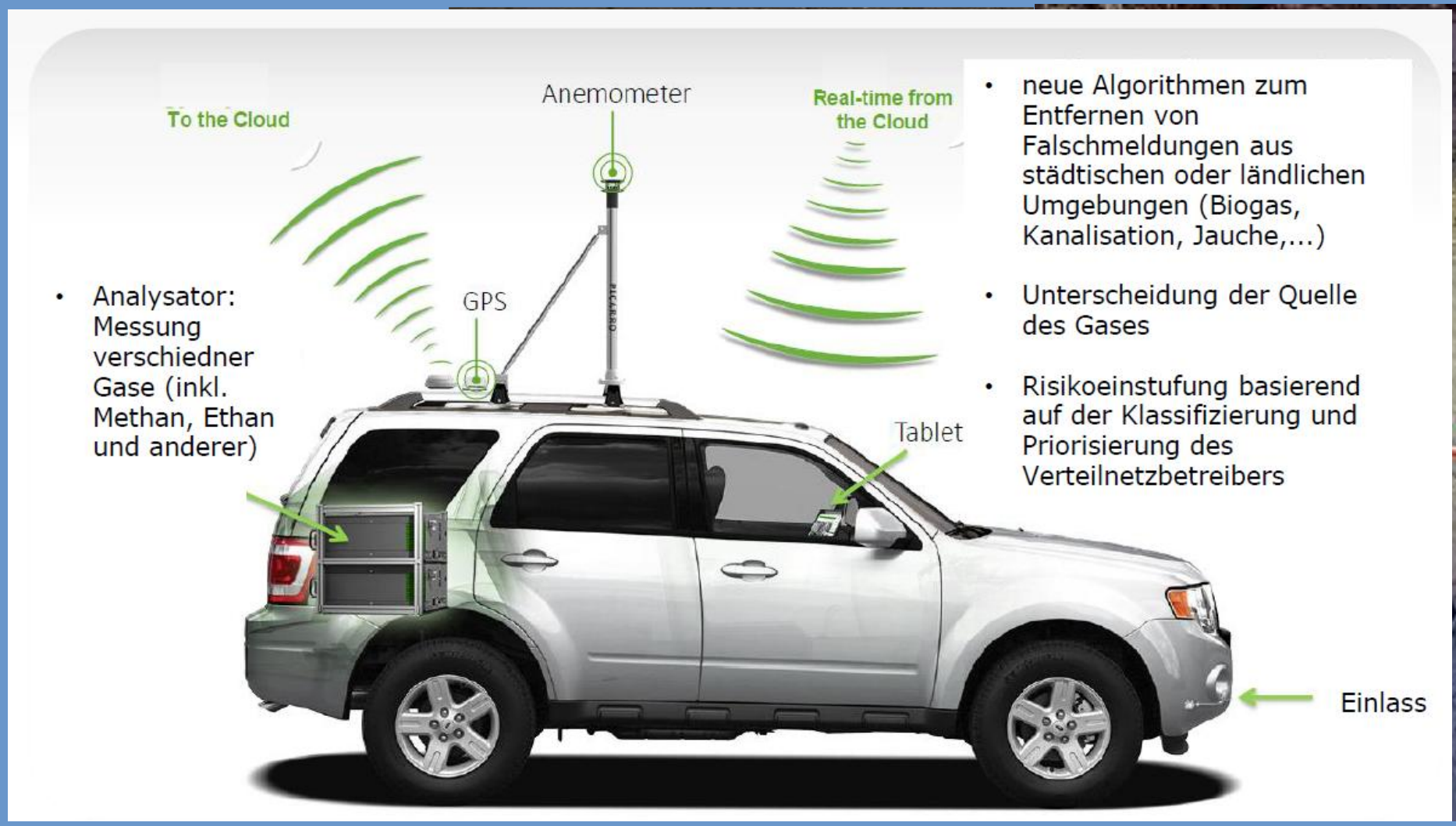
# … but so are measuring techniques with grids … (Article 14 | IA LDAR / thresholds)







# … but so are measuring techniques with grids … (Article 14 | IA LDAR / thresholds)






# … but so are measuring techniques with grids … (Article 14 | IA LDAR / thresholds)



# … as well as Regulating and metering stations (Article 14)



# … as well as Regulating and metering stations (Article 14)



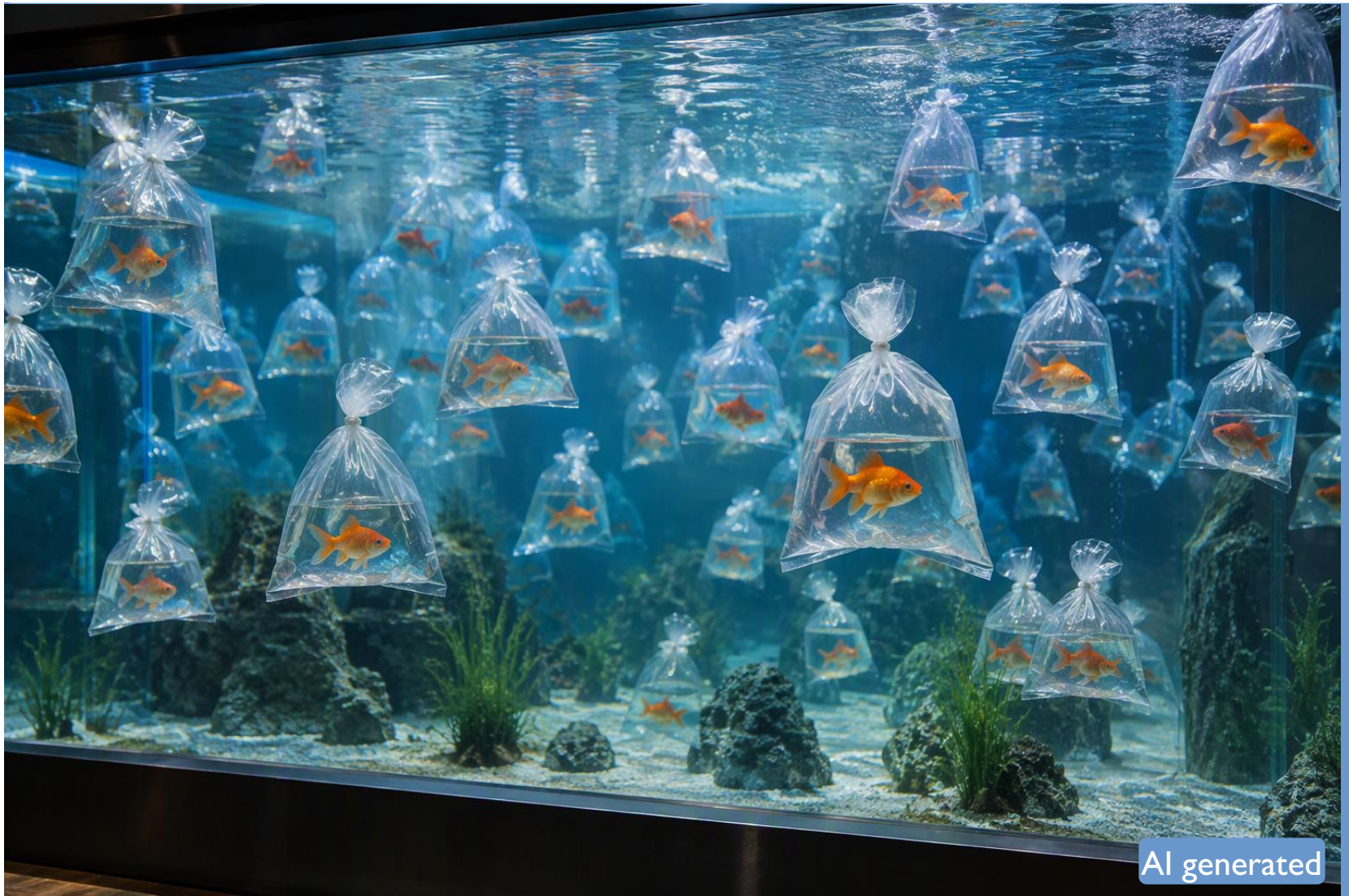



# … as well as Regulating and metering stations (Article 14)






# … as well as Regulating and metering stations (Article 14)



# Thank you for your attention!



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