Presentation on CEN and its work on LDAR Standards

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Standards request: article 32

- The Commission shall … request one or more European standardisation organisations to draft harmonised standards for:
  - Measurement and quantification of methane emissions (Articles 12, 18, 20 and 25)
  - Leak Detection And Repair (LDAR) surveys (Article 14)
  - Equipment that vents (Article 15)
- The Commission is empowered to adopt delegated acts … to supplement this Regulation by establishing mandatory standards, or parts thereof,
- Intention: the 3 standards will be used as reference to audit compliance of operators with regulation (third party accredited verifiers for quantification)

Call for standards and CEN answer

- **Creation in 2020 of** CEN/TC 234 *Gas infrastructure*/**WG14 *Methane emissions***
- Call in March 2023 for standards on upstream oil&gas, downstream gas and coal: answer from CEN/TC 234 and **contract downstream gas signed November 2023 (pub 2027)**
- Publication in July 2024 **regulation of the European Parliament and of the Council on methane emissions reduction in the energy sector** (EU/2024/1787)
- **Standardization Request from European Commission to CEN published July 2026 (pub July 2029)** with detailed content of standards

standard LDAR

- Project leader: L. Wietzerbin/GRDF
- LDAR scope
- LDAR strategy and objectives
- Description of an LDAR survey: detection phase / repair phase
- Technologies for leak detection – correct methods and techniques to be employed
- List of different types of potentially leaking components (reference to OGMP)
- Performance requirements and quality assurance procedures
- Informative Annex with examples of LDAR programme for TSO/DSO/SSO/LNG

Next steps regulation and standard

- Implementation Act on LDAR (to be confirmed)
  - general requirements
  - using CEN list of technologies
  - asking for second Standardization Request for test protocol (CEN/TC 264)

- CEN standard submitted to public enquiry (2027?)

- Assessment of standard by European Commission during enquiry

- Publication CEN standard (2028?2029?)

- Delegated Act making CEN standard partially or totally mandatory

Questions?

if interested to participate in standardization in CEN/TC 234 (downstream gas) or ISO/TC 67/SC9 (upstream oil and gas), please contact Christophe Erhel (christophe.erhel@francegaz.fr)

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