

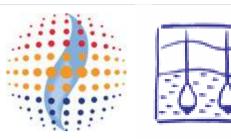
## UGS: Achievements and trends in the field of technical efficiency, environment stability and safety

**Report Study Group 2.2 for the World Gas Conference** 

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**UGS:** Achievements and trends

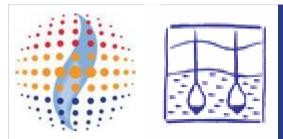


Questionnaire analysis – basis for the study

**Questions are grouped in 5 basic parts:** 

- 1. General Aspects
- 2. Reservoir
- 3. Wells
- 4. Surface Facilities
- 5. Safety

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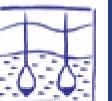
## Answers

## **20** answers from **15** countries

• Europe : Austria, Croatia, Czech, Denmark, Germany, France, Italy, Netherlands, Romania, Russia, Spain, Sweden,

- Asia : Japan
- America : Argentina, USA





## **5 Safety** 5.1 Spectrum of technologies for safety

- Safety studies and audits
- Preventive technical installations
- Subsurface safety valves
- Diagnosis of critical operations
- Enhanced monitoring
- Best knowledge of the geological situation
- Periodical gas inventory and control of cap rock tightness
- Preventive maintains
- Accidence analyses

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