



# Break-Out Session 1

## LPG/LNG Inspection Strategy

### Group 2

*Please save under a different name, e.g.  
"Break-out Session Group 2\_Presentation"*

## Profile of LPG/LNG

- All countries have LPG, but not all countries have LNG
- Many more LPG sites than LNG
- LPG sites have all different profiles (small and large sites, dedicated gas production-distribution vs. chemical/power supply, etc.)
- LNG are usually multinational and have competence

# 1. Main challenges in inspecting LPG/LNG sites



- Differences in competence and risk awareness on LPG sites
- Unmanned LNG sites
- Increased usage of LNG is a challenge because of limited experience in many countries
- Increased of LPG does not lead to more Seveso sites
- LPG transport is high on roads. LNG is now increasing hazardous traffic even more
  
- ADVANTAGES
  
- Storage sites are highly standardized
- Single material sites so it is not very complicated, if you know it.

## ENFORCEMENT EXAMPLES

- Change from above ground to under ground
- Change in the sprinkling system

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## 4. Large sites, small and medium-sized companies, unmanned sites (Part 1)



### Part 1: Large vs. small and medium-size sites

- Large sites can have problems with site to central headquarter communication
- All sites may have challenges with management of change
  - With large sites it can be age or organizational.
  - With LPG sites, there is no tradition of Management of change
  - Small sites will have challenges with maintenance changes
- -Loss of staff at small sites
- Some countries are tougher on small sites, and some countries think they are not tough enough

### Part 2. Unmanned LPG/LNG sites

- Only one country had unmanned sites and they are very new LNG sites