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
Part 1: Large vs. small and medium-size sites
- Large sites can have problems with site to central headquarters 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.