

COST Action - ES1405

Marine gas hydrate - an indigenous resource of natural gas for Europe

Working Group 3 meeting in Rome 17 -18 November 2015

Minutes of the meeting

With regard to the COST Action - MIGRATE (ES1405), a meeting of the Working Group 3 was held in Rome on 17 - 18 November 2015. The meeting was hosted by Directorate General for Mineral and Energy Resources (MISE).

The meeting was chaired by Umberta Tinivella. Nine people attended it. In order to examine in depth some arguments, three experts were invited and took part: WG3 expressed gratitude to Ms. Antoncecchi, Ms. Covarrubias and Mr. Iocca for their free contribution.

During the meeting, the analytical work was enriched by presentations on the specific topics that are mentioned in detail below:

- **On the definitions of “risk” and “hazard”** (*Roberto Cianella*, Unit VI – DGRME – MiSE);
- **Modular subsea monitoring network – realizing integrated environmental monitoring solutions** (*Peer Fietzek*, Kongsberg Maritime AS, Subsea Division);
- **Environmental impacts for conventional hydrocarbons: is it the right approach for hydrate production?** (*Marcello Iocca*, High Level Consultant on environment and energy matters) ;
- **Gas hydrates: international regulatory framework for sustainable use of mineral resources** (*Ilaria Antoncecchi*, “Bicocca” University of Milan, Italy – Interuniversity research center for territorial economy);
- **The Risk Base approach correlated to methane hydrates production** (*Elfride Covarrubias Villegas*, DNV GL - Oil & Gas);

The attached annual report was updated in accordance to the discussed issues.

Rome, 18/11/2015