



25th world gas conference  
"Gas: Sustaining Future Global Growth"

# Report of WOC3 , Transmission Strategic gas transmission infrastructure projects by :Eric Dam date : june 5, 2012 venue : Kuala Lumpur



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# Committee Session CS3.1

## WOC3 and Strategic gas transmission projects



- 16.30-16.35** Introduction *WOC3 report* by Mr Eric Dam, Chairman IGU WOC3
- 16.35-16.45** Introduction WOC3 SG3.1 report by Enno Freese , Study Group leader
- 16.45-17.05** South Stream project by MR. Marcel Kramer ,CEO of South Stream
- 17.05-17.25** Designing gas trunklines in Siberia by Mr S.Dzyuba
- 17.25-17.45** Design of a multifunctional compressorstation in the Netherlands , Mr Pijnacker Hordijk
- 17.45-18.05** Interaction between neighbouring networks , Mr. Ansgar Brauer
- 18.05-18.25** Protecting the Baltic Sea environment , Mr Zirnig , Switzerland
- 18.25-18.30** Closing remarks by Eric Dam

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## WOC3 and Strategic gas transmission projects



### WOC3 report : Studygroup 3.1. Strategic gas transmission projects

- Different people in different companies in different countries work on the realization of new gas infrastructures.
- A tremendous amount of knowledge, experiences, lessons learned and practical solutions are available
- Sharing of all this information can be of great benefit to the total gas industry.
- In order to promote the use of pipeline industry best practices and the innovative technical solutions we recommend companies, regulators and governments, in general, to fully support IGU's work in this regular experience interchange.
- *For more information you can also visit : expert forum 3.A ; june 6 ; 09.45-11.45*

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### WOC3 report : Studygroup 3.2 : Integrity of Gas transmission systems and environmental footprint reduction

- Extensive actions or activities are practiced by most companies to mitigate pipeline integrity threats i.e. third party intrusion/external interference, external corrosion, geotechnical problems, human/operator error, material defects and construction error.
- In order to measure the effectiveness of the mitigation actions, most companies subscribe to having lagging and leading key performance indicators (KPI's).The big majority of TSO's is involved in the development of new regulatory or legislative requirements
- On the topic of footprint reduction most companies/TSO's pay attention to the whole range of environmental impacts. A particular focus is on greenhouse gas (which is ranked highest) and air pollution species.
- SG3.2 gathered and consolidated a series of best practices; new technologies and lessons learnt implemented and applied by WOC3 members in the areas of pipeline integrity management and environmental footprint reduction
- *For more information you can also visit : comm. session 3.2 ; june 7, 09.45-11.45 and expert forum 3.B ; june 7, 16.30-18.30*

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### WOC3 report : Studygroup 3.3. Securing sufficient expertise

- To attract a good team, visible leadership, a good culture and motivation are amongst the most important drivers.
- To ensure technical excellence, a transparent, measurable systematic knowledge management approach is required.
- Gas transmission operations are perceived as attractive, with top three selling points being salary, learning and development opportunities and long term career prospects
- Graduates make up a significant portion of recruits and companies are generally satisfied with their performance. Under 35-year olds see career development as the top selling point of the industry and low salary as the lowest point.
- All parts of gas transmission operations are specialised and require training and specialist skills. Even when new systems allow less expertise and reduce human error through more advanced safety systems, in an emergency it is human reaction and decisions that ensure the safest outcome.
- *For more information you can also visit : Comm. Session 3.3 ; june 6 ; 16.30-18.30*