

### WORKSHOP IN HUMANS & MACHINES: THE HIDDEN HAZARDS

The International Pipe Line & Offshore Contractors Association

www.iploca.com





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#### **FEEDBACK (Suggest the top three ideas for each)**

**≻**STOP

>START

**≻**CONTINUE

**≻**MEASURE





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#### **Things I will STOP doing**

Looking at H&S issues as being already addressed according to past attitudes and solutions





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#### **Things I will STOP doing**

➤ Using past documents and solutions for new projects without capitalizing on human resources with relevant experience for the geography and kind of project (should re-use experienced individuals for similar projects)





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#### **Things I will STOP doing**

- > Stop communicating information and lessons learnt only with written documents rather than oral communication
- Automatically blaming individuals responsible for errors and accidents (improving responses)





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- Becoming more pro-active and innovative
- Conceiving ways of making H&S solutions impacting the cost efficiency of activities and works (to create incentives for H&S solutions)





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- Having responses to HIPOs already conceived from start of project to make it more efficient
- Follow-up of working experience certificates and passports for individual workers
- Defining new approaches by examples





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- Improving communication with tool-box meeting, coaching leadership for H&S, training sessions on more specific examples and issues dedicated to pipeline projects
- > Specific training sessions for machine operators





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- Training sessions with different languages to reach cultural differences
- Defining international H&S guidelines and incentives to have them adopted by local companies





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#### **Things I will START doing**

Exchanged visits of teams of different projects (with movies of shared experiences)





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#### **Things I will CONTINUE to do**

- Making H&S issues a priority
- continue innovate using new technologies
- Using sanctions to employees not complying and creating systems of incentives





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#### Things I will MEASURE to make sure they continue to happen

- Feedbacks and alerts (Hipos)
- Initial assessment of cultural behaviour of local workers
- Efficiency of responses to prevent accidents (all actions taken)
- Study the placement of workers of some activities
  (position of workers during the lowering operations)





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#### Things I will MEASURE to make sure they continue to happen

- Progress of training on specific issues and about lower level workers
- Commitment of top management about H&S (number of site visits by top managers- quantity and quality)