TORC Final Seminar

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By: John van Schie

HSE teamleader ONEgas Asset NAM
NAM- Nederlandse Aardolie Maatschappij B.V.

Exploration and production of oil and gas in the Netherlands and on the continental shelf (on / offshore)
Target population

Initial target population

- Operators (field staff)
- Management – Operation Support - HSE
- Work preparation

Opportunities to expand the population to other disciplines (e.g. Finance, Wells) and contractors

- About 1500 people working in NAM and 3000 contractors
Starting case for the training normal operation activity

- Safeguarding an installation
- Routine maintenance
Interactive training for resilience capabilities

- Open up the discussion that things don’t go always as planned – prepared
- People solve a lot working on our locations and getting exposed to all kinds of unexpected situation
- Does management know?
- Do they approve?
- And what do we learn from that?
- How can we build the resilient capabilities of our teams
Starting point

- Working on my MoSHE thesis
- Thesis topic Resilience
- Contact with TNO- Johan van der Vorm
- SAF€RA project
- Industrial partners – “Proeftuin”
- Helping to develop a training tool for resilient operation
Feedback

- Serious game training -> interactive
- People get very involved -> case is reflecting real life
- Time constraint triggers the sense of chronic unease
- Good discussions and understanding - management - operation team - work preparation
- “This is certainly somewhat different from a normal training”
Opportunities

- Combination with the Shell Heath individual resilience training program
- Various other cases – training for other disciplines
- Trainers availability
- Relation with incident investigation

- Improvements

- Group think – create various roles e.g. advocate of the devil
- Tools to keep the training alive – posters – booklet – game board as sticker on table
- Clarity wrt to the investments – safety- efficiency-work load