

# Basics of risk analysis using the Bowtie methodology

*Do you want to understand the basics of how risks can be analysed, to control them and reduce the consequences in case of accidents – the basics of Bowtie Risk Analysis?*

**After this training you can:**

- **Apply Bowtie Risk Analysis on simple operations, tasks or projects**
- **Understand the basics of the Bowtie methodology for risk assessments, incl. the definition of barriers and the difference between controlling (proactive) and recovery (reactive) barriers**
- **Facilitate a simple Bowtie Risk Analysis for few people, e.g. for a small team or project group, for a routine task or for a change in normal operation**

Participants:

- Key personnel in daily operations, e.g. Foreman, Supervisor, Officer, Master, Site Manager, QHSE Officer
- Key personnel in the office, e.g. Project Manager, Engineer, Superintendent, QHSE professionals

Advantages of this course:

- Short theory sessions introducing each learning module
- Lots of training in Bowtie Risk Analysis using generic examples and your own cases
- Max 12 participants allowing inclusion and feedback on your specific challenges
- Network with others about the barrier based approach to risk management

Instructor: Lisbeth Holberg, International Bowtie trainer and 'Barrier Approach' expert

Language: English, with Danish translation when relevant

Participants: Min. 4 persons – max. 12 persons

Time: 30-31 October 2017

Venue: Copenhagen (specific venue will be published later)

Duration: 2 days (Monday 10:00-16:00 / Tuesday 8:00-16:00)

Cost: DKK 7.000,- per person  
(including training material, lunch, certificate, excl. VAT)

Certificate: Yes

*Terms and conditions: Invoice is sent 4 weeks before start of the training (+30 days). Cancellation more than 8 weeks before start: Full refund. Cancellation 4-8 weeks before start: 50% refund. Cancellation later than 4 weeks before start: no refund. It is at all times possible to pass the seat on to a colleague. We reserve the right to cancel the training up to 4 weeks before start.*



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## Training strategy

- Short introductory theory sessions to each training theme
- Group work to train the Bowtie Risk Analysis process and methodology
- Group work organised with relevant professional skills to enhance relevance of cases
- Introduction to facilitation technique
- Use of participants' own cases in the last day of the training
- Methodology trained using 'pen and paper'
- Introduction to the software BowTie XP (trial license is included)

Questions: Lisbeth Holberg at tel. +45 6088 4822 or e-mail [info@LisbethHolberg.com](mailto:info@LisbethHolberg.com)

Sign up: On email to [info@LisbethHolberg.com](mailto:info@LisbethHolberg.com)

More about Bowtie Risk Analysis: <http://cgerisk.com/knowledge-base/risk-assessment/thebowtiemethod>

A BowTie is a diagram that visualises the risk you are dealing with in just one, easy to understand picture. The diagram is shaped like a bow-tie, creating a clear differentiation between proactive and reactive risk management. The power of a BowTieXP diagram is that it gives you an overview of multiple plausible scenarios, in a single picture. In short, it provides a simple, visual explanation of a risk that would be much more difficult to explain otherwise.

