



CGE Train the Trainer Program 2019

9:00–17:00

Day 1: Risk Analysis using BowTieXP

- The bowtie method in risk management
- Extensive bowtie theory (e.g. defining hazards, threats)
- BowTieXP software exercise: how to build a basic diagram?



9:00–17:00

Day 2: Risk Analysis using BowTieXP

- Refresher of day 1 - Bowtie building game
- Assign metadata and link to the management systems
- Actions & risk matrices, ALARP
- Reports, diagram filters and other outputs
- BowTieXP template and other advanced functionalities (Scrapbook, importing, reporting, display profiles, chaining etc)



9:00–17:00

Day 3: Risk Quantification & Assurance

- Workshop facilitation exercise: practise bowties
- AuditXP: audit your BowTieXP barriers
- Partner model: how to sell the software together
- Link to maintenance data: Systems and Parts
- BowTieXP LOPA plugin: quantify your bowtie diagrams



9:00–17:00

Day 4: Analyse your incidents using IncidentXP

- Incident fact finding with Timeline
- IncidentXP basics - working with the incident manager
- Extensive incident analysis theory (Barrier Failure Analysis)*
- IncidentXP software exercise: how to build an incident diagram
- Mapping incident results onto bowtie barriers; trending

*Tripod Beta and other methods at request



9:00–16:00

Day 5: IncidentXP (continued) & BowTieServer

- Meta data on incident diagram
- IncidentXP software exercise: incident analysis case study
- Introduction BowTieServer modules, why, what & how

