

## Virtual Learning Lab Risk Management and Quantification

In the VLL Risk Management and Quantification you will learn:

- the purpose and scope of risk management for major investment decisions;
- how to deal with non technical risks;
- .. and in particular how to quantify risks.

**Quantifying** risks will assist in prioritizing a risk mitigation program, will allow residual risks to be better incorporated in the project evaluation and above all makes for a much better understanding of risk.

**Topics** include general risk management practices, range assessment, probability assessment by the Italian flag and the Analysis of Competing Hypotheses.

The broader context and industry perspectives are provided by means of virtual lectures. How do project risk management and enterprise risk management relate? How can we integrate risk management practices into project evaluation? How do we manage non technical risks and what are the benefits of quantification? What are organizational issues related to risk management?

Industry experts involved in this VLL are Diana Del Bel Belluz (Risk Wise), Christiaan Luca, Thijs Koeling and Henk Krijnen (all ex-Shell).

Schedule: 1 October – 10 December 2018; total time to be spent by participants over this period is ~ 20 hrs, list price € 950 (discounts may apply).

*A Virtual Learning Lab (VLL) is a learning program consisting of online course materials, exercises, pre-programmed virtual lectures and group discussions that allow participants to gain a deep understanding of a specific field over a period of 2-3 months. The online material is offered in four blocks of 2 to 4 weeks allowing flexibility on the part of participants. The combination of gradual, step by step internalisation of knowledge, exercises and interaction with other participants and industry experts make this concept particularly powerful. The advantages over traditional classroom courses include a highly effective learning mode, easy integration with work duties, low costs and a zero carbon footprint.*

**Atlantic Version**  
**Schedule Q4 2018 on next page**  
**More info: [navincerta.com/vllrmq](http://navincerta.com/vllrmq)**

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Course Modules	Self-Study Components "Me time" Format (training videos, lessons, individual assignments, quizzes)	Dates Live Sessions	Live Components "We time" Format 60 min live video conferences
<p><b>Mon, Oct 1, 18</b></p> <p><b>PART 1</b></p> <p><b>Discovering Risk Management for major investments</b></p>	<p><b>1. Definitions</b></p> <p><b>2. Project risk management</b></p> <p><b>3. Risk modeling</b></p> <p><i>Max 3 hours "me time" @ own pace</i></p>	<p><b>Tue, Oct 2, 18</b> 8 AM PDT, 5 PM CET</p> <p><b>Wed, Oct 17, 18</b> 8 AM PDT, 5 PM CET</p>	<p>Henk Krijnen: Objectives Integrating risk management and decision analysis</p> <p><i>2 hours "we time"</i></p> <p>Diana Del Bel Belluz: Enterprise risk management and the linkage to projects</p>
<p><b>Mon, Oct 22, 18</b></p> <p><b>PART 2</b></p> <p><b>Understanding Biases</b></p>	<p><b>4. Biases</b></p> <p><b>5. Historic data analysis</b></p> <p><b>6. Range assessment</b></p> <p><i>Max 3 hours "me time" @ own pace</i></p>	<p><b>Wed, Oct 24, 18</b> 8 AM PDT, 5 PM CET</p> <p><b>Wed, Nov 7, 18</b> 8 AM PDT, 5 PM CET</p>	<p>Optional Class Check-In Reflection on assignments Part 1</p> <p><i>1 - 2 hours "we time"</i></p> <p>Diana Del Bel Belluz: The role of neuroscience in facilitation</p>
<p><b>Mon, Nov 12, 18</b></p> <p><b>PART 3</b></p> <p><b>Quantification Tools</b></p>	<p><b>7. Italian flag</b></p> <p><b>8. Analysis of Competing Hypotheses</b></p> <p><b>9. Facilitation and Communication</b></p> <p><i>Max 4 hours "me time" @ own pace</i></p>	<p><b>Wed, Nov 14, 18</b> 8 AM PDT, 5 PM CET</p> <p><b>Wed, Nov 21, 18</b> 8 AM PDT, 5 PM CET</p> <p><b>Thu, Dec 6, 18</b> 8 AM PDT, 5 PM CET</p> <p><b>Mon, Dec 10, 18</b> 8 AM PDT, 5 PM CET</p>	<p>Optional Class Check-In Reflection on assignments Part 2</p> <p>Christiaan Luca: Non technical risk and the merits of quantification</p> <p><i>3 - 4 hours "we time"</i></p> <p>Christiaan Luca: Organizational dimensions of risk management</p> <p>Thijs Koeling: Close Out</p>