



5TH HSE MANAGER CONFERENCE 2017

Impactful Health & Safety
Trainings

21 – 22 March, 2017



IMPRESSIONS

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Impressions of two days full of interesting learnings and mutual exchange. Watch the full video [here](#).





Dear colleagues

It was our pleasure to host the HSE Manager Conference for the 5th time at the Hilti Headquarters in Schaan, Liechtenstein. 2017 was the biggest Conference we have organized so far, with 51 participants from 14 countries.

We at Hilti are determined to respond to the growing importance of Health & Safety in the construction industry by developing innovative solutions that are reflected in our products and services.

MESSAGE FROM PETER CAVADA

Taking our responsibility one step further, it is our aspiration to provide a platform for high-level HSE Managers from all around the globe to discuss latest research insights, and exchange ideas and best-practices in the construction community.

This year we have put Health & Safety Trainings in the center of our Conference discussions as a crucially important tool to increase productivity and safety on jobsites.

We are grateful for the highly professional group of speakers we could welcome that shared their very interesting insights on impactful learning and training in the field of Occupational Health & Safety.

Finally, also a big “Thank You” to all Conference participants - both loyal HSE Managers that value the platform we offer and repeatedly return as guests, and to HSE Managers that joined us for the first time.

A community only lives from the people that it consists of. And we are proud to see the HSE Manager community growing, both in terms of members but also in terms of the geographies that are covered.

These developments are a great indication of the quality this HSE platform offers and we are already looking forward to welcoming you to the 6th HSE Manager Conference.

Yours sincerely,
Peter Cavada



EMPOWERING LEARNING - OUR JOURNEY FROM A CONTENT-CENTRIC TRAINING APPROACH TO A LEARNER-CENTRIC EXPERIENCE

5 key take-aways

Roman Bamberger shared insights of Hilti's new learning strategy for employee training that replaced the traditional sales onboarding program.

The main goal for Hilti was to design learning as effective and engaging as possible, which meant a change from a just-in-case to just-in-time training.

The key is to offer a training experience that is focused on the essentials instead of training about everything that might be of importance someday.

Providing flexible modalities to learn, a more individualized approach and more on the job learning opportunities can increase effectiveness of learning.

The modern learning methods include among other things much digital content for learning on-demand, small packages of information pieces, and many opportunities for interactivity.

Conference participants have exclusive access to Roman Bamberger's speech. Read more [here](#).



Roman Bamberger

Global Learning & Development
Business Partner Hilti Corporation



IMPACTFUL TRAINING IN HEALTH AND SAFETY

5 key take-aways

Lawrence Waterman explored the key elements required in corporate safety programs to trigger change towards safer behavior of workers.

Training is one important lever in the process of achieving increased awareness and understanding of safety issues.

For behavior to be changed sustainably the company must offer additionally a working environment that reinforces such a change.

Health & Safety Training was shown to be most impactful when the worker experienced relevant topics in a practical way.

Regular reminders and briefings of Health & Safety topics in addition to practically oriented training are essential to support the process of change.

Conference participants have exclusive access to Lawrence Waterman's speech. Read more **here**.

Lawrence Waterman

Park Health and Safety Partnership, formerly Head of Health & Safety, Olympic Delivery Authority (ODA), currently Head of Health and Safety at Royal Albert Dock Development and Visiting Professor at Loughborough University (School of Civil and Building Engineering)



HSE TRAININGS – DESIGNED TO IMPACT

5 key take-aways

Arno Mathis took the participants on a journey through the development phases of Hilti's Health & Safety Trainings portfolio.

Occupational Health & Safety is of importance in the construction industry, but it's typically a challenging and highly dynamic field that requires experience and know-how.

Hilti supports employers in fulfilling their requirement to provide Health & Safety Trainings of the same quality throughout the world.

The emphasis during development was put on creating highly impactful trainings based on established guidelines, methodologies and learning theory.

Hilti aims to sustainably anchor safety with workers on jobsites by means of trainings that are interactive, in the language of the worker, and with lots of opportunities for hands-on experience.

Conference participants have exclusive access to Arno Mathis' speech. Read more [here](#).



Arno Mathis

HSE Service Manager
Hilti Corporation





Tony Small

Director Sustainability, Health & Safety
Gammon Construction Limited

VIRTUAL REALITY TRAINING IN CONSTRUCTION - THE GAMMON SAFETY EXPERIENCE

5 key take-aways

Gammon uses Virtual Reality in its Safety Induction Centre and recently extended the capability to Falsework Training.

Temporary works and in particular falsework has the potential for catastrophic collapse leading to loss of life as was unfortunately shown by incidents in the SE Asia region killing 72 and 14.

Gammon in partnership with Newton:Lowe from the UNSW and HKU is using a Virtual Reality Game Engine to provide an immersed simulation of falsework hazards, inspection and collapse to those involved in the design, construction and safe use of falsework.

The application of Virtual Reality in safety education has the additional benefit of overcoming cultural barriers in safety conversations with workers, as misbehavior is discussed by example of artificial workers.

Approximately 40.000 workers have experienced the Virtual Reality technology at Gammon's Induction Centre so far.

Conference participants have exclusive access to Tony Small's speech. Read more **here**.





Bernhard Saneke

Pilot, dentist and entrepreneur

HOW AVIATION BECAME SAFE

5 key take-aways

Bernhard Saneke explored safety from a different perspective, by sharing insights about the development of a safety culture in the aviation industry.

Aviation started with an unacceptable number of accidents and fatalities with the pilots being the primary cause for aircraft losses

As a result back in the eighties, Crew Resource Management (CRM) was developed and helped to significantly reduce human errors.

CRM helped to create a safety context in the aviation industry that was based on adding additional safety layers in the system, establishing an open failure culture encouraging criticism, and decreasing hierarchy within the crew.

Today, flying is the safest means of transportation.

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Digital HSE Community

We are in the conceptual phase of building a digital HSE community platform to exchange relevant and state-of-the-art topics.

Are you interested in being part of a digital HSE community?

Sign up here and we'll keep you informed on the development.



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