



VISION ZERO



Coordinators for Safety and Health Matters The Mandate

ISHCCO

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VISION ZERO

ISHCCO Congress 17.03.2023 SHCC Mandate Vision Zero Sustainability

17.03.2023

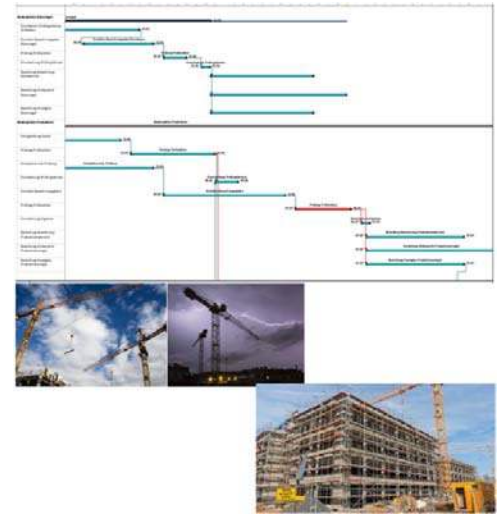
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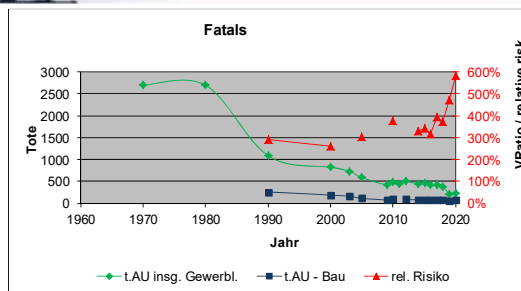
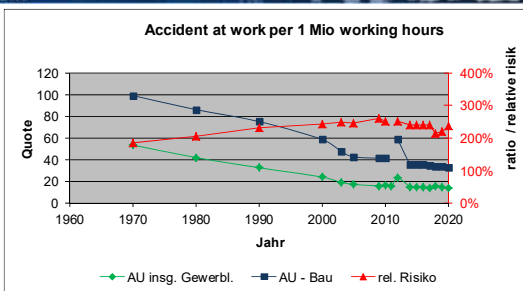
Construction Sites

Construction Site an extraordinary workplace

- Temporary working place
- Workplaces with changing conditions
 - Progress of the construction project
 - Building, traffic routes, infrastructure facilities, plant complexes
 - New construction, renovation, deconstruction
 - Weather
 - Unstable safety environment
 - Protective measures must be created actively
- Several / many companies
 - simultaneously at the same site
 - one after the other - conditions encountered
 - Different working methods, protective measures
 - Responsibility for health and safety per company
 - Mutual hazards and risks
 - different cultures and languages
- time and cost pressures



Construction Sites

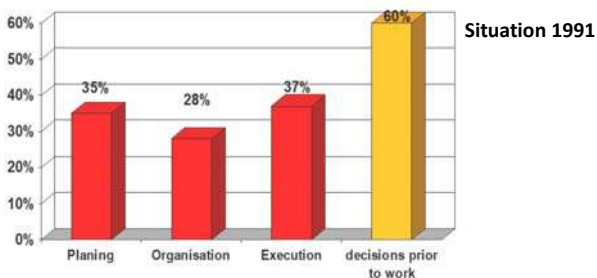


Risk

Accidents: More than twice

Fatal: 6-times

Fatal Rout Causes



Situation 2012 *

35,1 % of the of the avoidable fatal accidents originate from causes in the planning phase

Confirmed the assessment of 1992

*) PhD Thesis (2009-2013)
 Bianca Vasconcelos, Universidade Pernambuco, Brasil
 Prof. Alfredo Soeiro Universidade Porto, Portugal



SHCC – The Mandate

Safety and Health Construction Coordination (SHCC)

Initiate and accompany measures to coordinate safety and health (of employees) and to ensure their implementation

- Coordination in planning (planning phase)
 - Initiating and coordinating measures so that
 - the design of the structure enables safe working
 - the safety and health plan is drawn up
- Coordination in execution (construction phase)
 - Safety and health protection plan
 - publicise
 - implement and
 - keep it up to date
 - Establish and monitor health and safety regimes.
 - Implement the planned protective measures
 - Establish and accompany control measures
 - Record deviations and correct them
 - Take into account changes in processes and working procedures
 - Safe, subsequent work on the structure:
Initiate and assemble the health and safety documentation (the File).



SHCC – The Mandate

Task of Safety and Health Construction Co-Ordination (SHCC)

- Prevention of occupational accidents
- Health protection
- Vision Zero
 - Goal of prevention
 - Tool for companies
 - Motto of the SHCC
 - Task in SHCC



- 7 Golden Rules for Vision Zero**
1. Take leadership – demonstrate commitment
 2. Identify hazards – control risks
 3. Define targets – develop programmes
 4. Ensure a safe and healthy system – be well-organized
 5. Ensure safety and health in machines, equipment and workplaces
 6. Improve qualifications – develop competence
 7. Invest in people – motivate by participation



SHCC – The Mandate

Sustainability

17 goals of the United Nations



- Green Deal of European Commission
- National Implementations in Europe
- Green Comp



SHCC – The Mandate

Sustainability

Sustainability needs the activities of all entities

administrations, companies, organisations, everyman



Relevant for occupational safety and health protection on construction sites:

11. Sustainable Cities and Communities
12. Responsible Consumption and Production
13. Climate Action



Summary SHCC

- Workplaces on construction sites have special features:
 - High potential hazards,
 - Complicated responsibilities due to many companies.
- Coordination of occupational Safety and Health
 - supports the avoidance of occupational accidents and health hazards in planning, during execution and during subsequent work.
 - Vision Zero the principle task of prevention.
 - Sustainability is partly related to health protection.



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Thank you for your attention.

Do you have questions?

I am looking forward to your suggestions.

Dr. R. Obermaier, President

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