

INTERNATIONAL CONFERENCE

VISION ZERO

IN CONSTRUCTION

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VISION ZER 

Practical Examples from Cyprus



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Cyprus

A small island in the
Mediterranean Sea - **Member of
EU since 2004** - half of it is
occupied by Turkey since 1974



Vision Zero in Cyprus

- Introduction of **ISSA-C Campaign** during International Conference and Exhibition , May 2017:

Vision Zero: From Problems to Practical Solutions

YOU CAN MAKE IT POSSIBLE

- Organised by Cyprus Association of Civil Engineers
- Under the auspices of the Minister of Labour, Welfare and Social Insurance
- Supported by ISSA-C, BG BAU, Cyprus Chamber of Engineers (ETEK), Department of Labour Inspection (DLI)



Vision Zero in Cyprus

- Introduction of **ISSA GLOBAL Campaign** during International Conference and Exhibition, May 2019:

Invest in Prevention ⇒ Plan Ahead

YOU INVEST ⇒ PREVENTION PAYS!

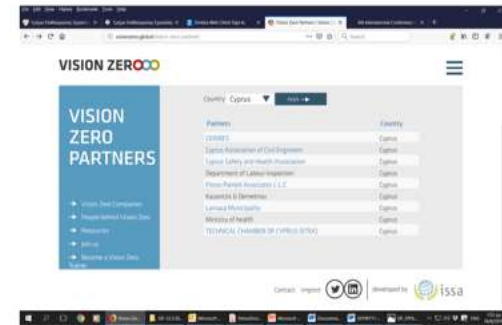
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Vision Zero in Cyprus

- Participation of Cyprus in **ISSA GLOBAL Campaign**
- Partners of GLOBAL Campaign include:
 - **Ministries**
 - **The Department of Labour Inspection**
 - **Department of a Private University**
 - **The Cyprus Chamber of Engineers (ETEK)**
 - **The Cyprus Association of Civil Engineers**
 - **Private companies**
- Activities under Vision Zero
 - **Photo Competition**
 - **Official Announcements (e.g. Call for Safety Culture following severe accidents)**

A Partner of
VISION ZERO
Safety. Health. Wellbeing.

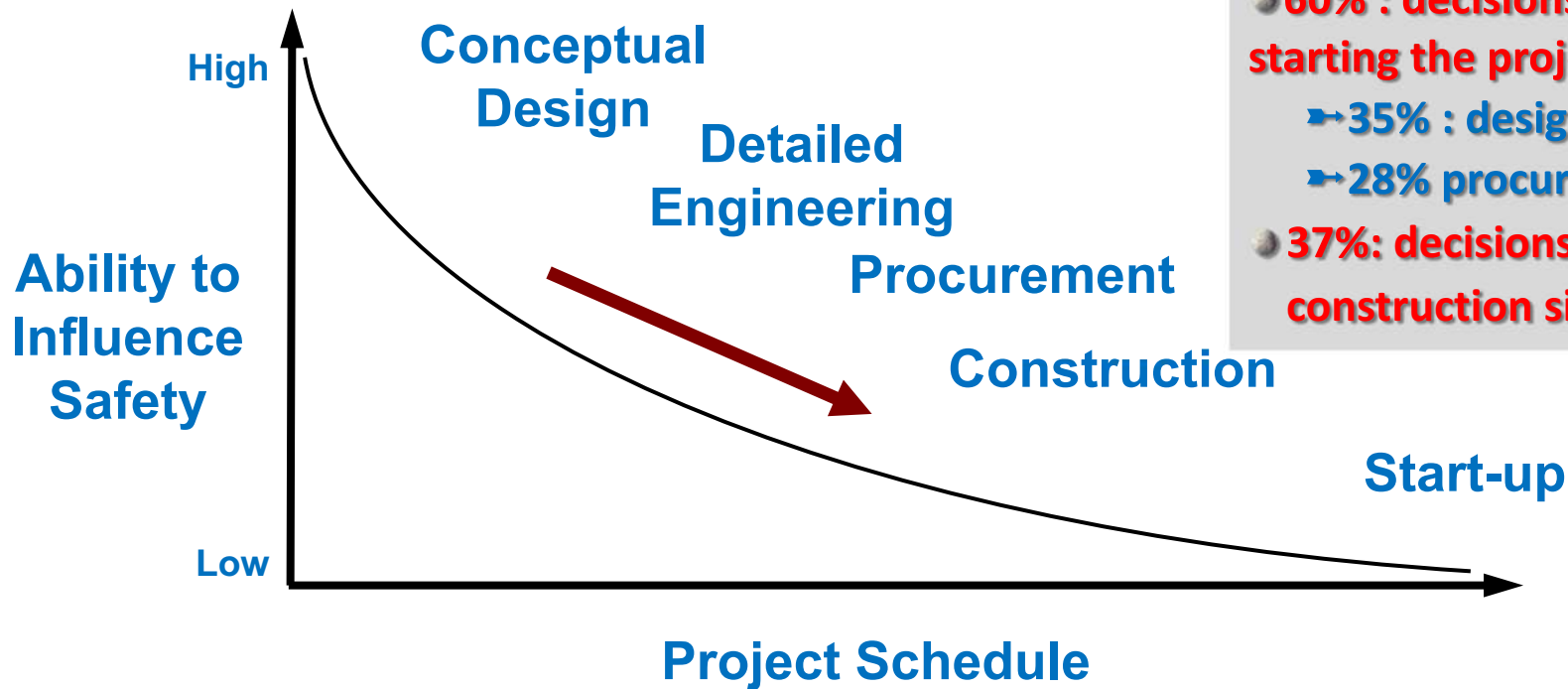


Prevention in the Construction Sector

Considering Safety During Design Offers the Most Payoff¹

EU study on accidents

- **60% : decisions before starting the project execution**
 - **35% : design**
 - **28% procurement**
- **37%: decisions on the construction site**



¹ R. Szymberski, "Construction Project Safety Planning" TAPPI Journal, 1997.

Safety in Design 2014 by RMIT University website: <http://www.rmit.edu.au/research/health-safety-research>



Practical Examples from Cyprus

Rule 1: Take Leadership – Demonstrate Commitment (state level)

Rule 3: Define targets – develop programmes (state level)

- **Common Declaration on Safety and Health in the Construction Industry signed by three Ministries, Engineers' Chamber, Contractors Council, Employers' Organisations and the Unions to achieve the following 4 specific targets:**

- 1. Integrate occupational safety and health in the procurement procedures for the design and execution of projects**
- 2. Continuous training and information of all employees**
- 3. Establishment of criteria in this regard for the registration of engineers and contractors**
- 4. Working together to implement legislation effectively**

Practical Examples from Cyprus

Golden Rule 1: Take Leadership – Demonstrate Commitment

Golden Rule 3: Define targets – develop programmes

- **Examples of Common Declaration Results:**
 - **Integration of OSH during the procurement of Public and Private Projects (through specific terms in the contracts)**
 - **Promotion of New legislation ⇨ Training on OSH issues a prerequisite for the registration of Engineers**
 - **OSH issues are included in the examination process for the registration and licence of Contractors**

Practical Examples from Cyprus

Golden Rule 2: Identify Hazards – Control Risks

- Identify possible risks during the project execution as well as during the usage of the project that can be foreseen during the design stage
- Take into account the Prevention Principles- design stage
- Define prevention and protection measures (method statement, technical and organisation measures) – design stage



Practical Examples from Cyprus

Golden Rule 2: Identify Hazards – Control Risks

- **Include measures in the drawings and the specifications of the project**
- **Preparation of Safety and Health Plan (SHP)**
- **Include SHP in the procurement documents**
- **Include SHP in the documents of the Project Execution Contract**
- **Update of the SHP before starting the construction site and during the project execution**



Practical Examples from Cyprus

Golden Rule 5: Ensure Safety and Health in Machines, Equipment and Workplaces

- Grants scheme for funding equipment for work at height -upgrading scaffolds
- Subsidy of 30% of the cost of the purchase scaffolds conforming to relevant EU Standard



Golden Rule 6: Improve Qualifications – Develop Competence

- Training on Occupational Safety and Health issues is a requirement of Standard Qualifications for all professions which are being processed



Practical Examples from Cyprus

Golden Rule 7: Invest in People – Motivate by Participation

- **Establishment and operation of Safety Committees**
- **Safety Committees consists of workers, representing all the contractors and subcontractors of the construction site - Coordinative Safety Committees (where more than one contractors and subcontractors are involved)**
- **Safety Committees are involved in risk assessment as well as during investigation of accidents at the construction site**



Practical Examples from Cyprus through Pictures

Practical Examples from Cyprus through Pictures

Removal of waste



Practical Examples from Cyprus through Pictures

Keeping the site clean and tidy



Practical Examples from Cyprus through Pictures

Protection against falls - Staircase



Practical Examples from Cyprus through Pictures

Protection against falls - Roof



Practical Examples from Cyprus through Pictures

Proper fencing – Safety barriers



past



Today!



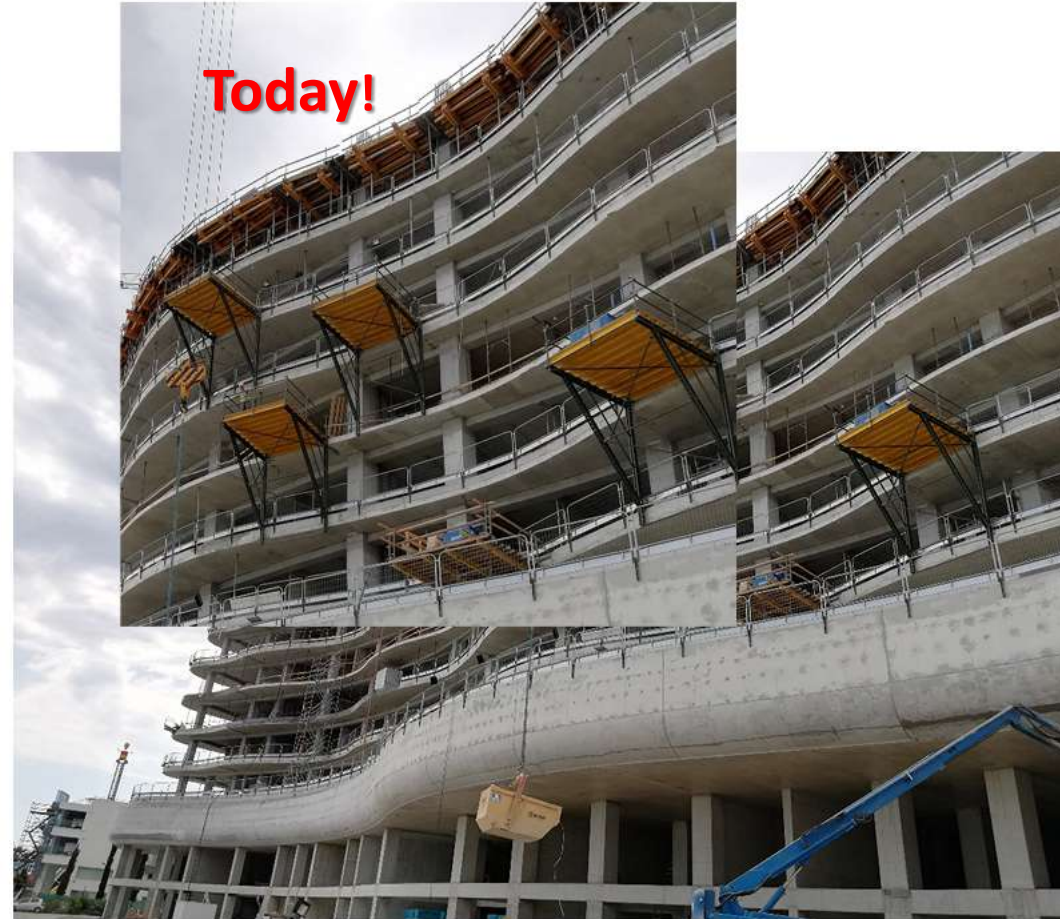
Today!



Today!

Practical Examples from Cyprus through Pictures

Protection of floor & load platforms edges



Practical Examples from Cyprus through Pictures

Safe scaffolds – Safe access at height



past



Today!



Today!

Practical Examples from Cyprus through Pictures

Work at height - Use of safety net (Safe Rope access)



Practical Examples from Cyprus through Pictures

High rise buildings – Fall protection



Practical Examples from Cyprus through Pictures

High rise buildings – Formwork - Fall protection



Practical Examples from Cyprus through Pictures

Rope access – Glass cleaning , glass replacement



Thank you!!!

