

**ILO/ISSA International Safety and Health Conference,  
Challenges and Solutions in a Global Economy  
Global action for prevention  
Düsseldorf, Germany, 28-29 October 2015  
Beyond Gold – Best practices during the  
construction of the London Olympics sites**

**From “beyond gold” to “Vision Zero”  
ISSA Construction Section**

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## Going beyond gold : the approach

- Awards of the British Safety Council (ISSA member) during the construction of the London 2012 Olympics
- A policy of zero tolerance towards unsafe practices and unhealthy conditions
- With the aim of no more than one reportable accident for every million hours worked



## Going beyond gold : results

- **Workforce involvement in campaigns and tools for measuring their impact**
  
- **Safety behavioural training programs...**
  
- **In September 2011:**
  - **Around 35 000 workers**
  - **66 million hours worked**
  - **109 reportable injuries**
  - **No work-related fatalities**



# The life cycles in the construction industry

## ■ The life cycles of the construction phases:

- Construction
- Usage
- Renovation
- Demolition



The designer must analyze the entire life cycle of the construction joined by concerns of sustainable development studying construction materials and their life cycles



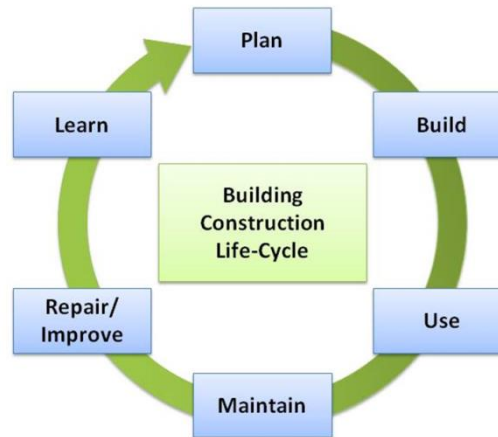
- Active dedication to sustainable work and development by the owner/client;
- Careful attention to safety, health and environment during the design, planning, procurement;
- Strong integration of safety and health staff in all aspects of the construction process;
- Recognition and accommodation of a multi-cultural workforce;
- Mandatory safety and health leadership training for all supervisors, and mandatory safety and health training for all workers;
- Empowerment of all workers to implement safety and health at work, including strong support for young and vulnerable workers;
- Involvement of the controller in all aspects of the planning and construction phases, and the extensive use of a safety approach to prevent risks;
- Continuous monitoring and recordkeeping of safety and health performance measures, including hazardous occurrences, injuries and illnesses, and taking corrective actions immediately when indicated.

## From Going beyond gold to Vision Zero

- Declaration of Boston as base for Vision Zero implementation
- From « Beyond gold » to the 7 golden rules
- Vision Zero in Construction Industry (SME's, stakeholders)
- Promotion of a real culture of prevention



# Integration of 'OSH' during the whole life cycle of a construction project



Life Cycle Stage	Part of total cost (%)	Source of accidents (%)
Design	2	40
Construction	23	60
Operations and Maintenance	75	

# Principal Stakeholders for prevention of accidents and occupational diseases in construction

- Client / owner
- Designers
- Contractors
- Workforce
- OSH-experts
- Labor inspectorate
- Organization of work on prevention of occupational accidents or diseases
- ...

*Prevention is teamwork*





# **Vision Zero : the 7 golden rules for a safer construction project**

## **1. Risks evaluation**

- Eliminate Main risks on the construction sector
- Evaluate risks, take or respect prevention measure according to international norms and ILO standards

## **2. Integration of prevention in the design phase**

- Integration of prevention in the design phase.
- Safety plan for every project



## Vision Zero : the 7 golden rules for a safer construction project

### 3. Safety management system

- for all construction projects

### 4. Participation of the workers

- Workers and their representatives must be associated to decision-making

### 5. Training

- Adequate health and safety training
- New workers on construction sites must be trained
- Special meeting to explain organization and rules



# Vision Zero : the 7 golden rules for a safer construction project

## 6. Safety meeting

- Safety should be an integral part of any meetings

## 7. Communication

- Recording of all accidents , incidents, near miss or risk
- Effective communication up, down and across the organization.



**THANK YOU  
FOR YOUR  
ATTENTION**

