



Safety first!

How to continuously improve safety performances

Sandro Starita, EHS Director

What are we talking about?

**...Limiting
high-risks
accidents...**



...Personal Protective Equipment...



...Molten metal safety...



...Deployment of a Safety Culture!

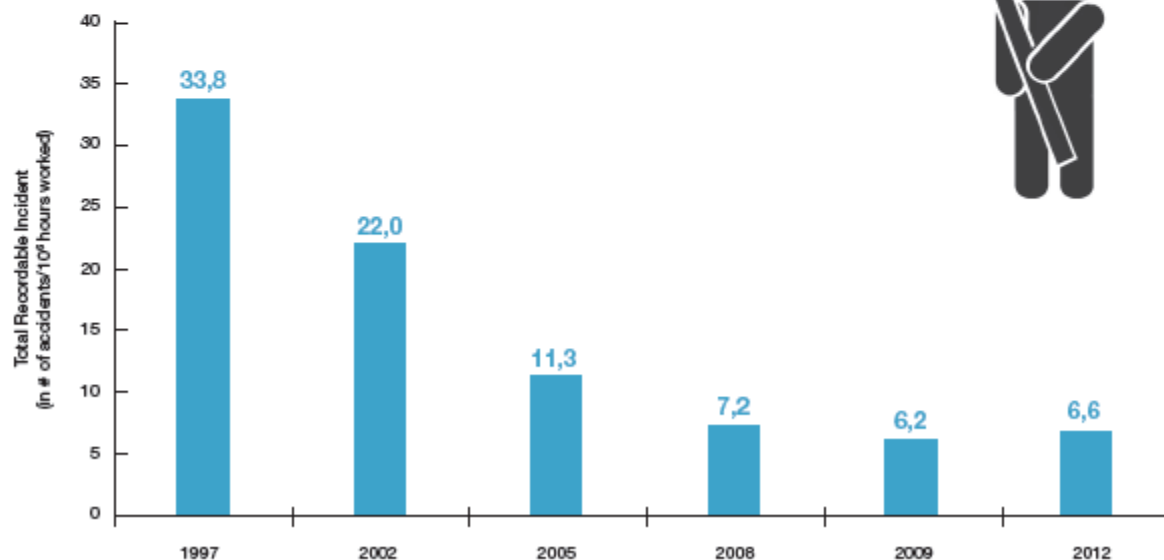


Where do we stand?

Continued strong investments in safety, prevention and training programmes has led to impressive progress with a **79% reduction in Total Recordable Incident rate.**

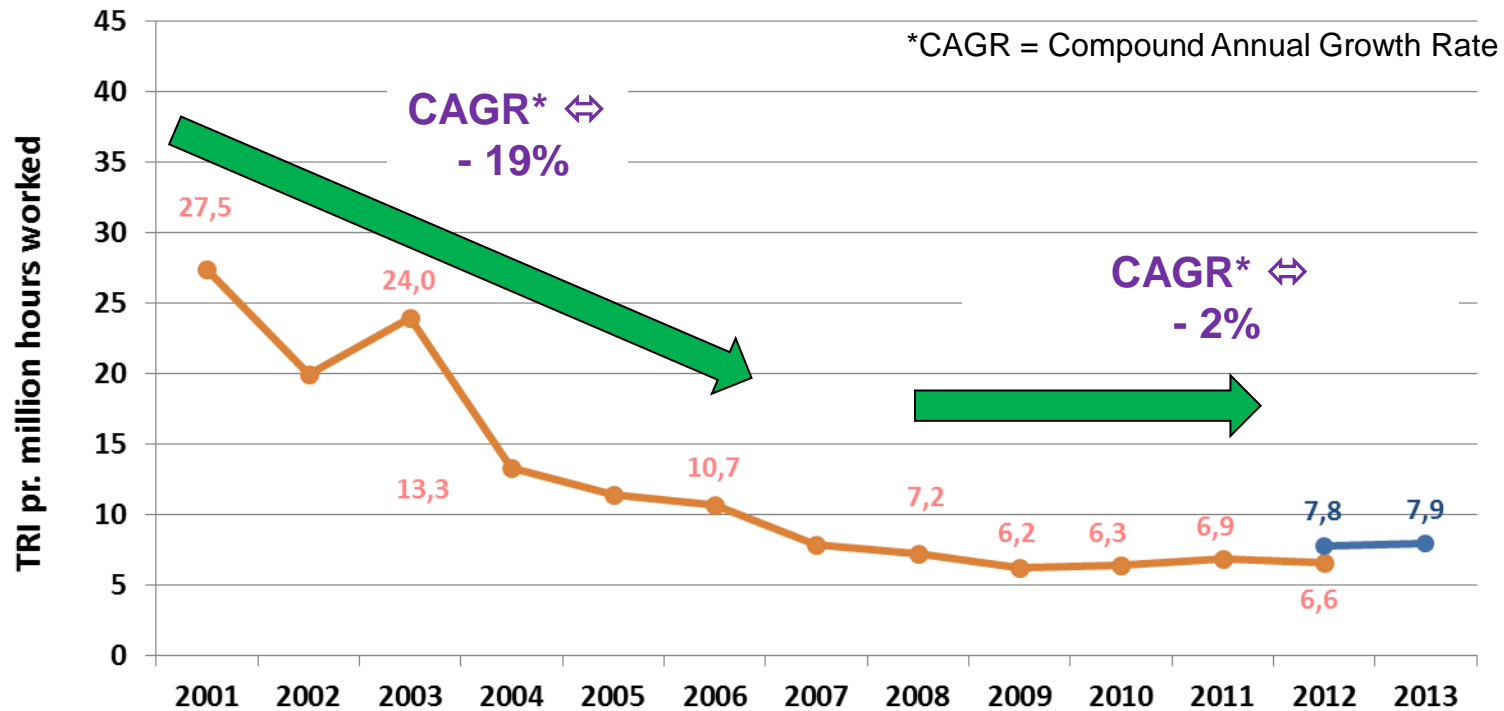
The Total Recordable Incident Rate (TRI) is the total number of fatalities, lost time accidents, restricted work cases and medical treatment cases per million hours worked.

Total Recordable Incident (TRI)



How does EAA support its members companies in improving?

Exchange best practices through...



...Regular collection of safety statistics

Exchange best practices through...



...plant visits

Exchange best practices through...



...bi-yearly EAA Safety Workshops

Exchange best practices through...


Effective SAFETY Solutions

WHERE
Company: Constellium
Location: Isoire
Business: Plate and Sheet


THE ISSUE
There is a high risk of explosion if a tool touches molten metal which is not prepared for contact with molten metal. This can happen if tools for different purposes get mixed.

THE SOLUTION
Type: Technical ☒ - Procedures ☐ - Others ☐
The two kinds of tools are painted in different colors: tools for molten metal in red, others tools in blue.

PICTURES



Red support for molten metal tools



Blue support for other tools

SAFETY BENEFITS – pros/cons
The visualization makes a human error very unlikely.

IMPLEMENTATION COST (k€) AS APPLICABLE
The cost is insignificant.

EAA SAFETY WORKSHOP – 10 & 11 June 2013 - Brussels

Effective SAFETY Solutions

WHERE
Company: Aluminium of Greece
Location: St Nikolaos Plant, 32003 Greece
Business: Alumina & Aluminium production (smelter)

THE ISSUE
Increase plant's safety level by enhancing workforce participation.
Put safety in employees 'everyday agenda by improving Secure Professional Action (SPA).

THE SOLUTION (additional level of protection put in place)
Type: (Technical ☐ - Procedures ☐ - Others ☐
Description of key feature or change versus current conditions:
Involvement and communication of Secure Professional Behavior (SPB)
In evolution of SPA using bottom – up teamwork and video recording made by Taskforce Team in order to:
Show the appropriate and safe way of working
Identify and assess potential hazards in area of responsibility
Visualize the appropriate work procedures
Underline the risky or false behaviors
Communicate best practices
Enhance discussions and brainstorming for safety
Reduce corrective actions

RES (if applicable) or ADDITIONAL INFO
Attached presentation & videos

BENEFITS – pros/cons
Bottom – up) Participation, Safety, Results, Behavior

IMPLEMENTATION COST (k€) AS APPLICABLE
No costs.
Camera. (100 €)


Effective SAFETY Solutions


WHERE
Company: Assan Alüminyum Sanayi Tic. A.Ş. (01)
Location: Turkey
Business: Rolled Flat Aluminium Products

THE ISSUE
In some places in the factory where the alone workers are working, in case of accident it may be too late to help the alone worker. Although alone workers have portable phones he could have no chance to use if he passed out.

THE SOLUTION (additional level of protection put in place)
Type: (Technical ☒ - Procedures ☐ - Others ☐
Description of key feature or change versus current conditions:
At the end of last year we began to use personal alert device which can be easily carried on the arm of alone workers. Six places were determined to use the system where the alone workers are working in factory site. When the personal principle of this device is depending on inactivity of the alone worker. If alone worker leaves his working zone to the main unit which gives alarm signals to and gives signals to alert shift responsible. Addition to inactivity feature, portable device can be used by button mounted on it.

RES (if applicable) or ADDITIONAL INFO





BENEFITS – pros/cons
Immediately if alone worker becomes inactive.
Immediately if alone worker leaves his working zone more than 30 minutes.
Alert shift responsible by pressing button of the device if he could not use

IMPLEMENTATION COST (k€) AS APPLICABLE
Cost of system in six location is 3.7k€

...EAA Safety Solutions Awards

Thank you for your attention!

Any questions?

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