

NTT DATA



**Seabery**  
AUGMENTED TRAINING

**ESG**



Soldamatic  
ENVIRONMENTAL  
FRIENDLY



**56%**

real workshop  
time reduction(\*)

**68%**

of the material waste reduction(\*)

WITH THE MATERIALS SAVINGS  
PROVIDED BY SOLDAMATIC since 2009 can be built a

**NEW** Golden Gate



## ENVIRONMENTAL EMISSIONS

Welding is the principal industrial process used for joining metals, but at the same time, it's the significant source of toxic fumes and gases emission.

**1 WELDING MACHINE  
PER HOUR produces  
6kg of CO<sub>2</sub>**

Esslingen University Master Thesis

REDUCTION PROVIDED BY SOLDAMATIC  
since 2009

equals to the **CO<sub>2</sub> emissions** generated  
by a DIESEL CAR going around the world

**29** times

## ELECTRICITY CONSUMPTION

**1 WELDING MACHINE**

**Kw**

=

**20 SOLDAMATIC UNITS**

**Kw**

Esslingen University Master Thesis

**3 years**  
lighting consumption

SAVINGS PROVIDED BY SOLDAMATIC since 2009  
equals to the electricity consumption of  
the lighting of a city of 790.000  
inhabitants such as **Valencia**.



INCREASE PERFORMANCE  
UNLIMITED PRACTICES

**From 250K€ value worth practice  
in the real workshop**

**To 540k€ value worth practice  
while using Soldamatic  
Siemens**

**34%**

more certified trainees\*

“With simulated training, trainees have  
**UNLIMITED PRACTICE BEFORE MOVING ON  
TO THE REAL WELDING** laboratory”

*Mr. Michael Schumann  
Siemens Mobility Krefeld-Head department Carbody Quality*

## RISK REDUCTION

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**21 WELDING ACCIDENTS  
FOR  
100.000 WORKERS**

*Bureau of Labor Statistics US*

0

Physical Risk while using Soldamatic

**56%**

real workshop time reduction<sup>(\*)</sup>

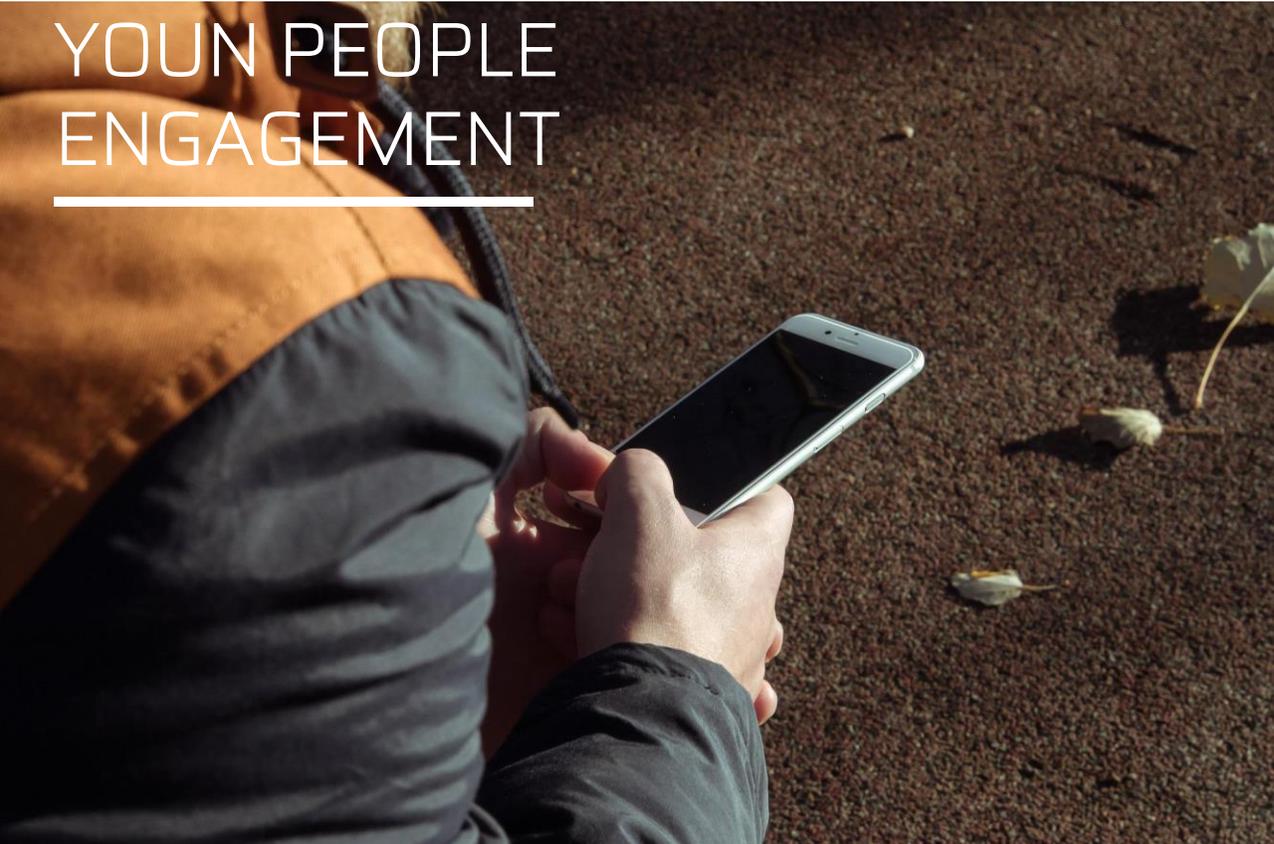
“The most **PROBLEMATIC WERE SECURITY INCIDENTS**.  
Students burn or injury themselves while welding. The  
biggest advantage is the safety of the students.”

*Woo Yoon-Gi, Chungnam  
Mechanical Engineering High School, Korea*



## YOUNG PEOPLE ENGAGEMENT

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"Soldamatic has allowed us to **INCREASE THE NUMBER OF STUDENTS** on the **Metalworking Constructions studies**. Before, the students were enrolled because there were no places left on other courses, interest has grown up exponentially and every year all available places are covered.

Ernesto Uslar Goverts, Director,  
Ricardo Fenner Ruedi Bicentennial Industrial High School

