

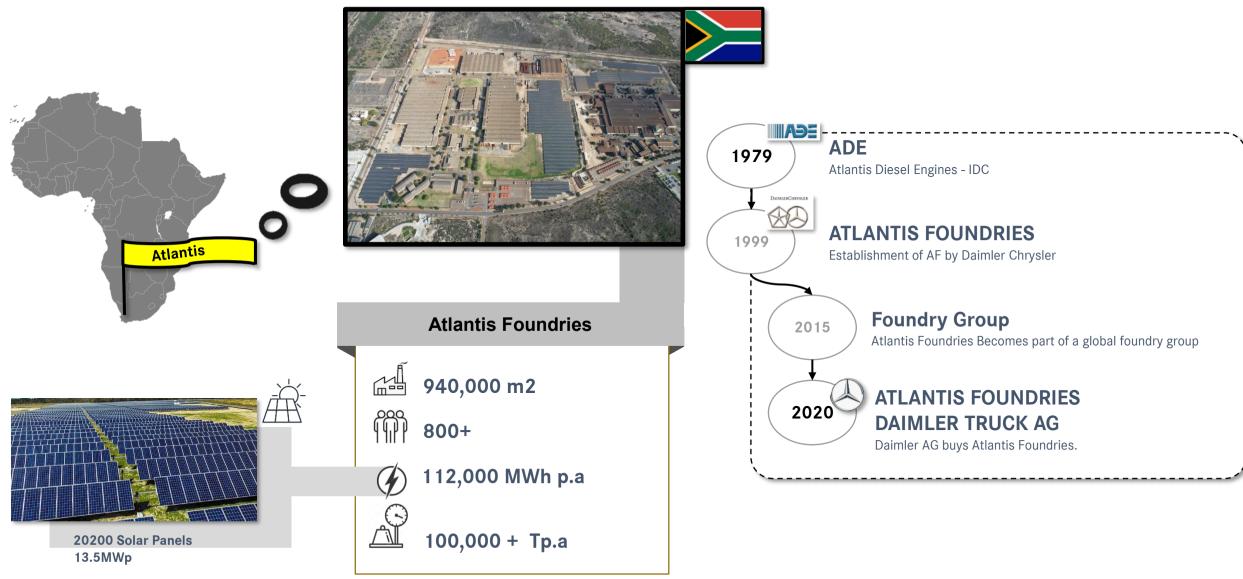
## DAIMLER TRUCK

### Practical application of robotics to the benefit of OHS at work 25 April 2025





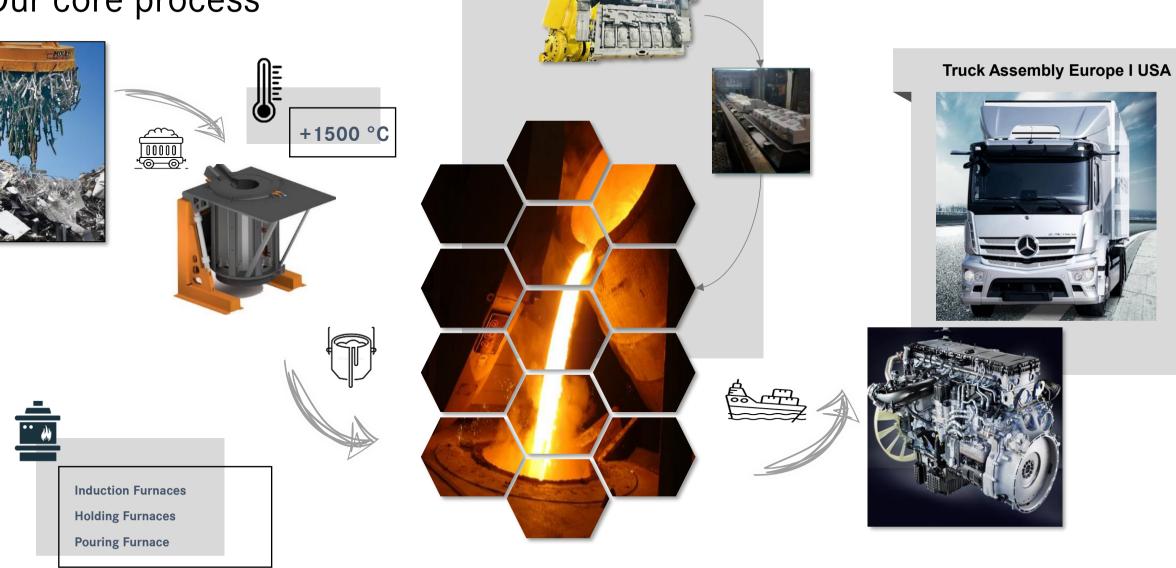
### Who are we



\*- <u>1</u>

### Our core process

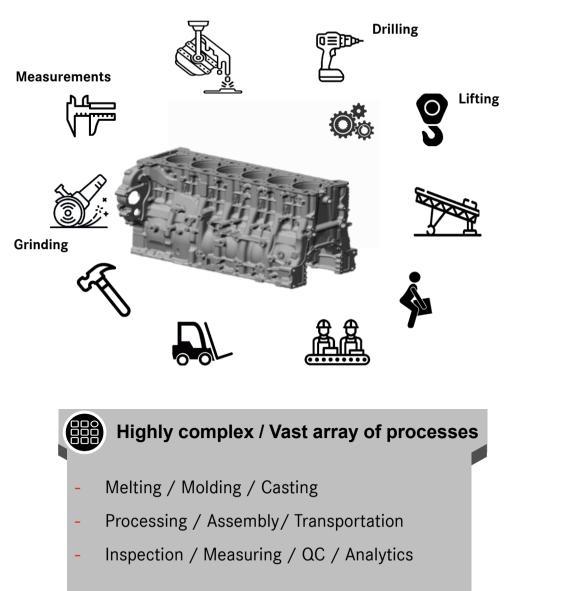


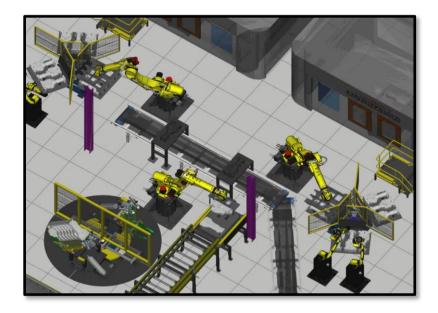






### Robotics at Atlantis Foundries - Why







Efficiency – Increased Takt Times I Consistency I Improved capacity



**Quality** – Process repeatability.

# SAFETY – Hazard Mitigation.

Atlantis Foundries I 25 Apr 2025

Daimler Truck





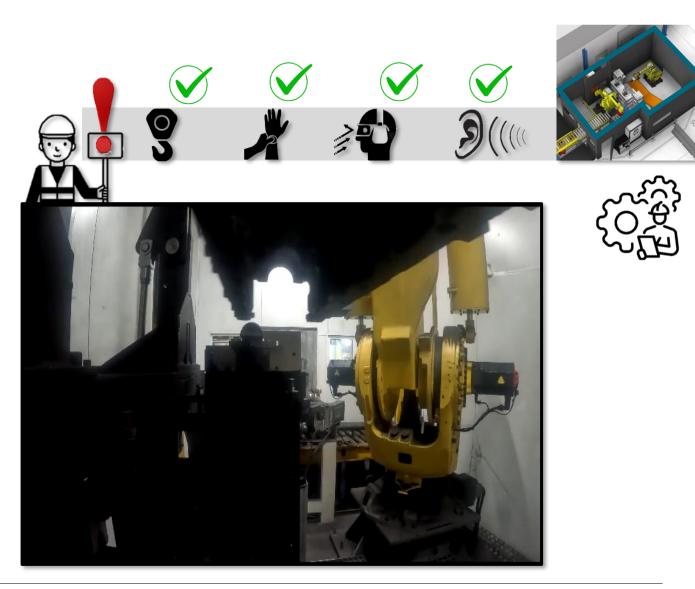
### Practical use case 2 – Grinding / Lifting / Transport:



#### **Grinding - Lifting**

- Important pre-processing function High takt times
- Hard to reach / Complex angles
- Pulling I Lifting Strain Hoist
- Decibels / Face Arm shielding.







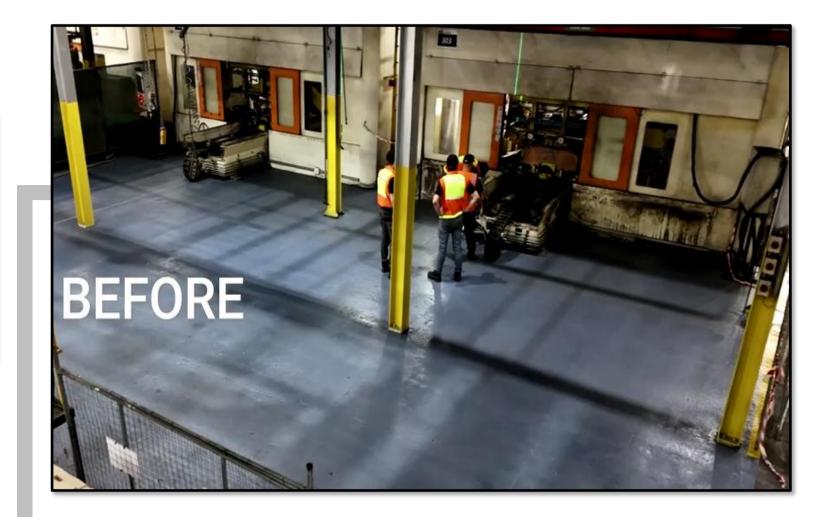
### Practical use case 3 – Assembly 1/2





#### Multi operation assembly

- High takt times
- Craneage Lifting I Pulling I Duty cycles
- Trip hazards
- QC inspection / acceptance.

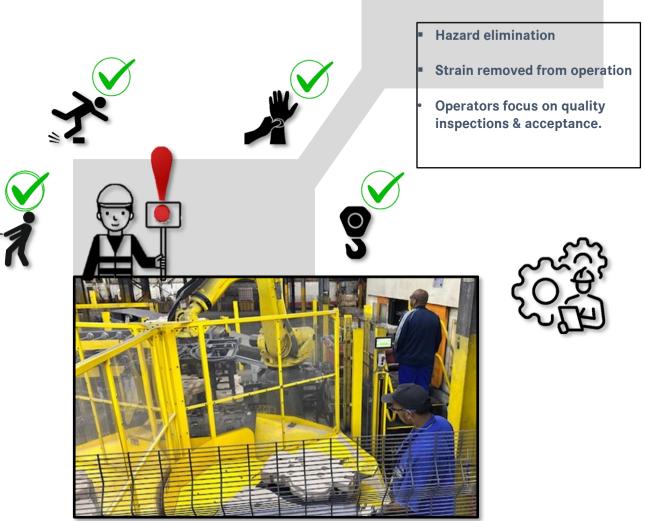


Daimler Truck



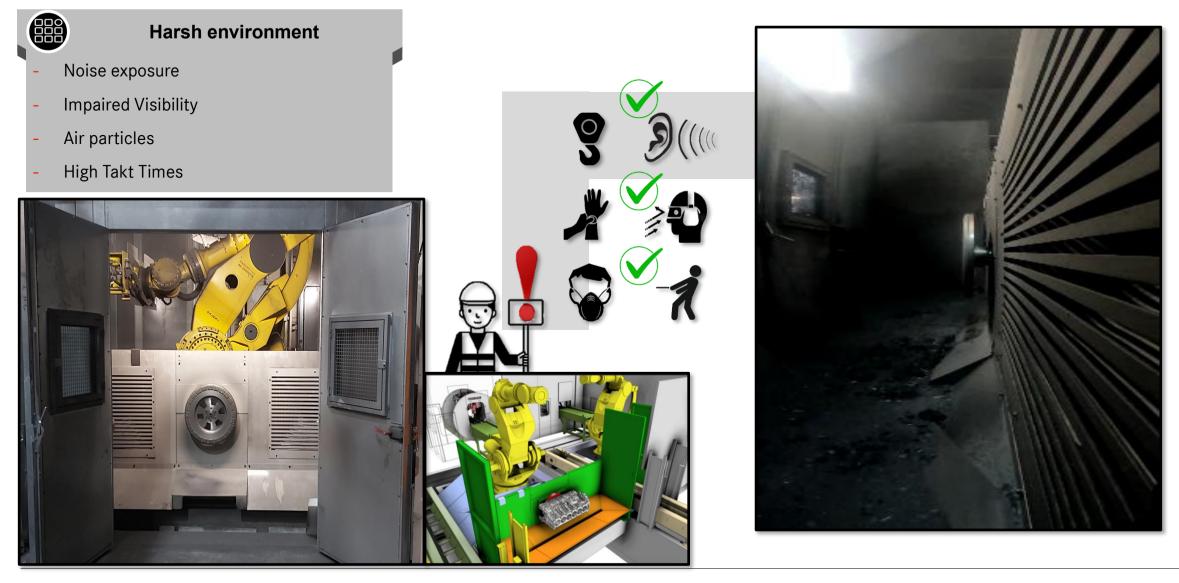
### Practical use cases 3 – Assembly 2/2



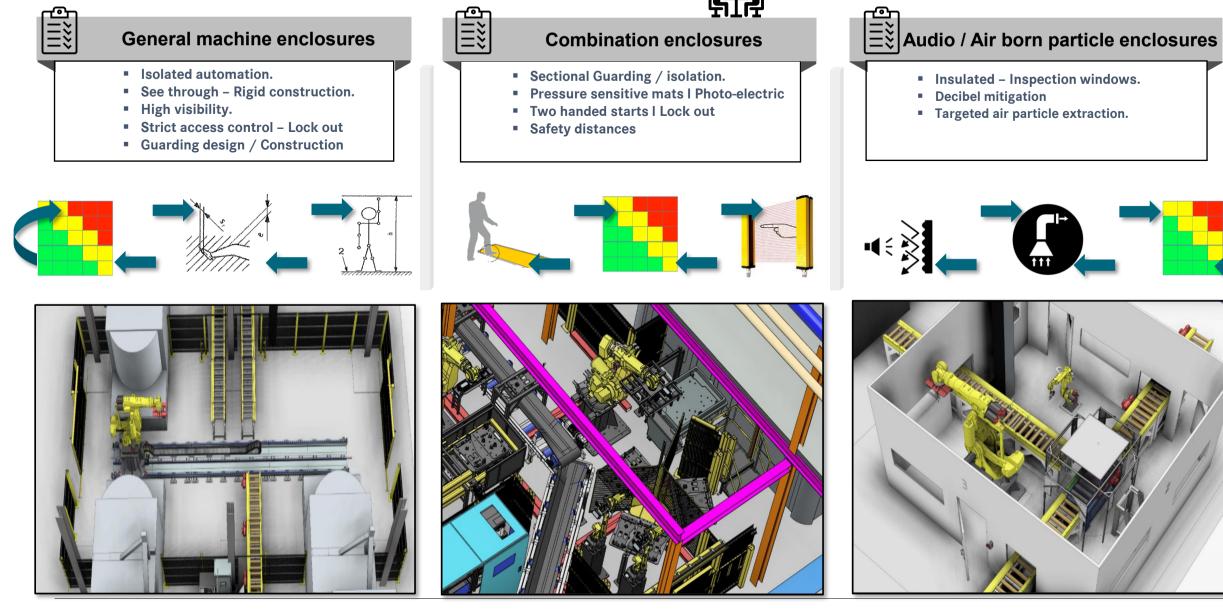




### Practical use case 4 – Product processing in Harsh environments



### Continual Risk Assessments:



employment & labour Department: Employment and Labour BERILEI OF SOLITIA AERICA

ISO I GMR I SANS



# END, Thank you.

