CRAB
TRACEABILITY SYSTEMS

The EYES & BRAIN of the Circular Economy

Digital Waste Day - SEPTEMBER 2026



MADE IN LUXEMBOURG

FIT4 START

LUXEMBOURG AI EXCELLENCE AWARDS 2026

CYEL
CREATIVE YOUNG ENTREPRENEUR LUXEMBOURG

SOLAR IMPULSE EFFICIENT SOLUTION JULY 2026

Where do you lose Value?



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Status Quo

→ Manual Sampling





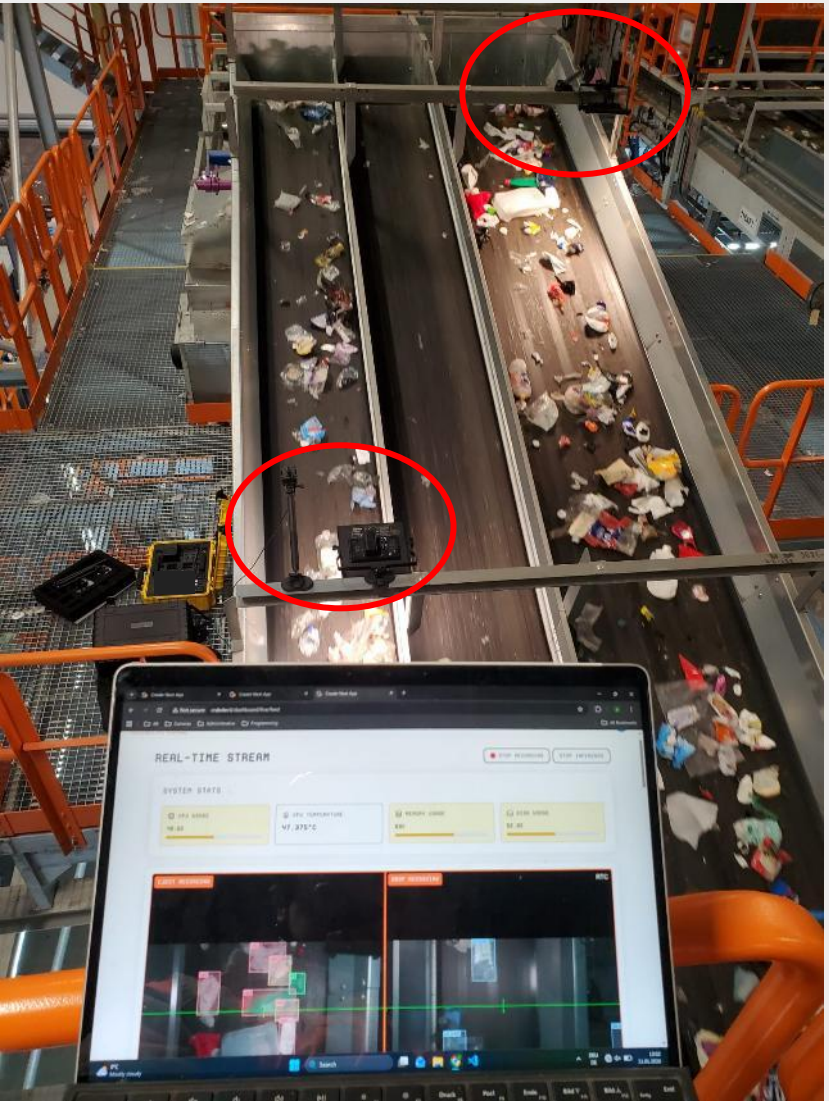


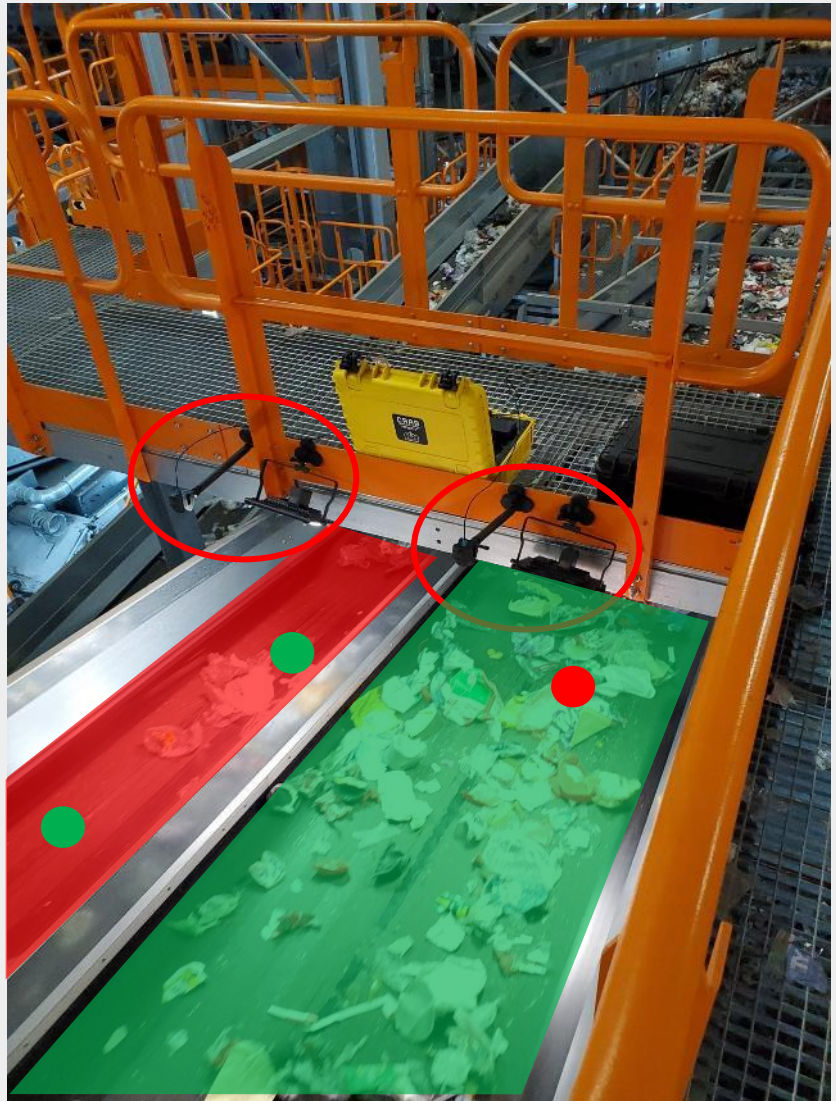


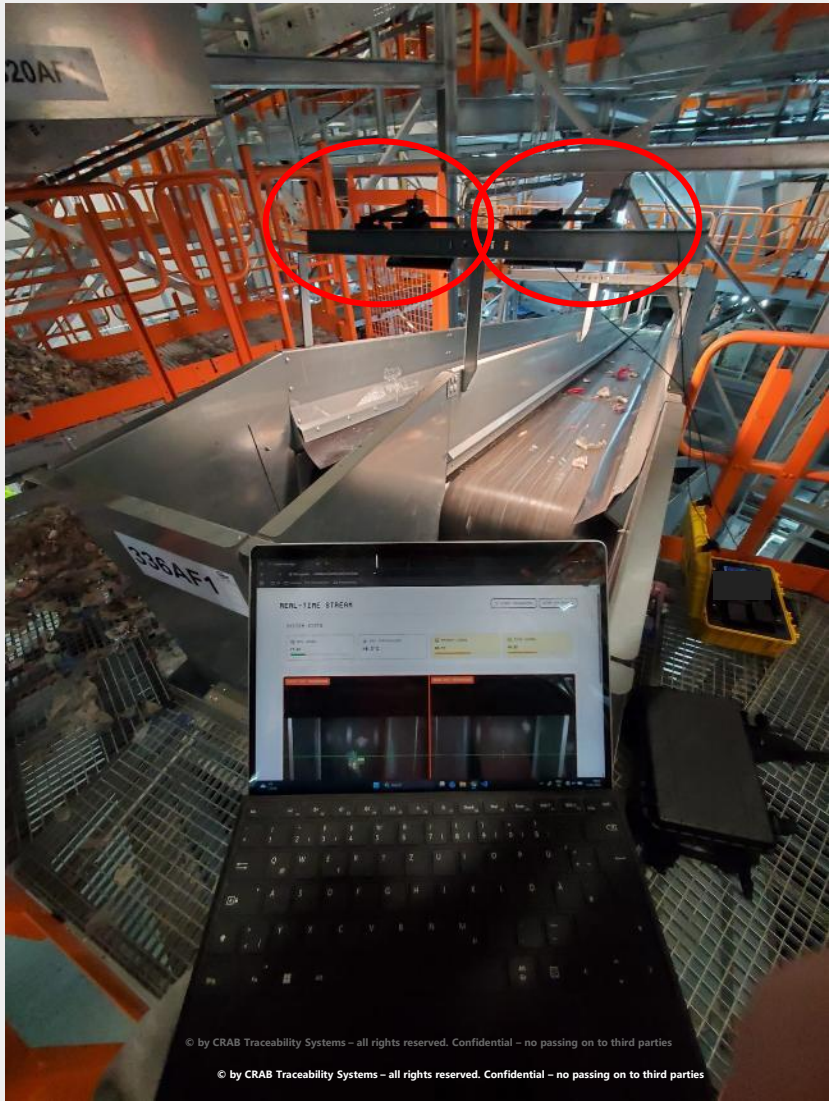
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Status CRAB

→ Mobile Camera System







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One box solution

2x Cameras

1x Embedded IPC

2x Batteries

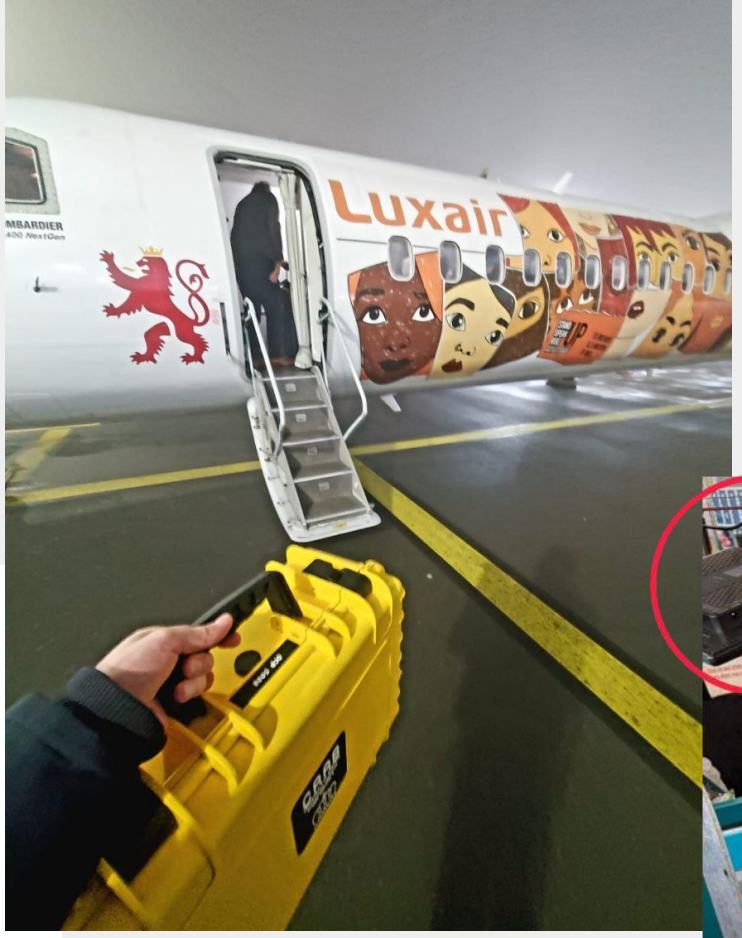
- **Mounts & Lights**
- **Possibility to connect LAN & Power**





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Features





Stream Monitoring & Calibration

- **Easy Transportation & Installation**
- Stream Quality Monitoring
- Efficiency Calibration
- Root-Cause Analysis
- Data Sovereignty

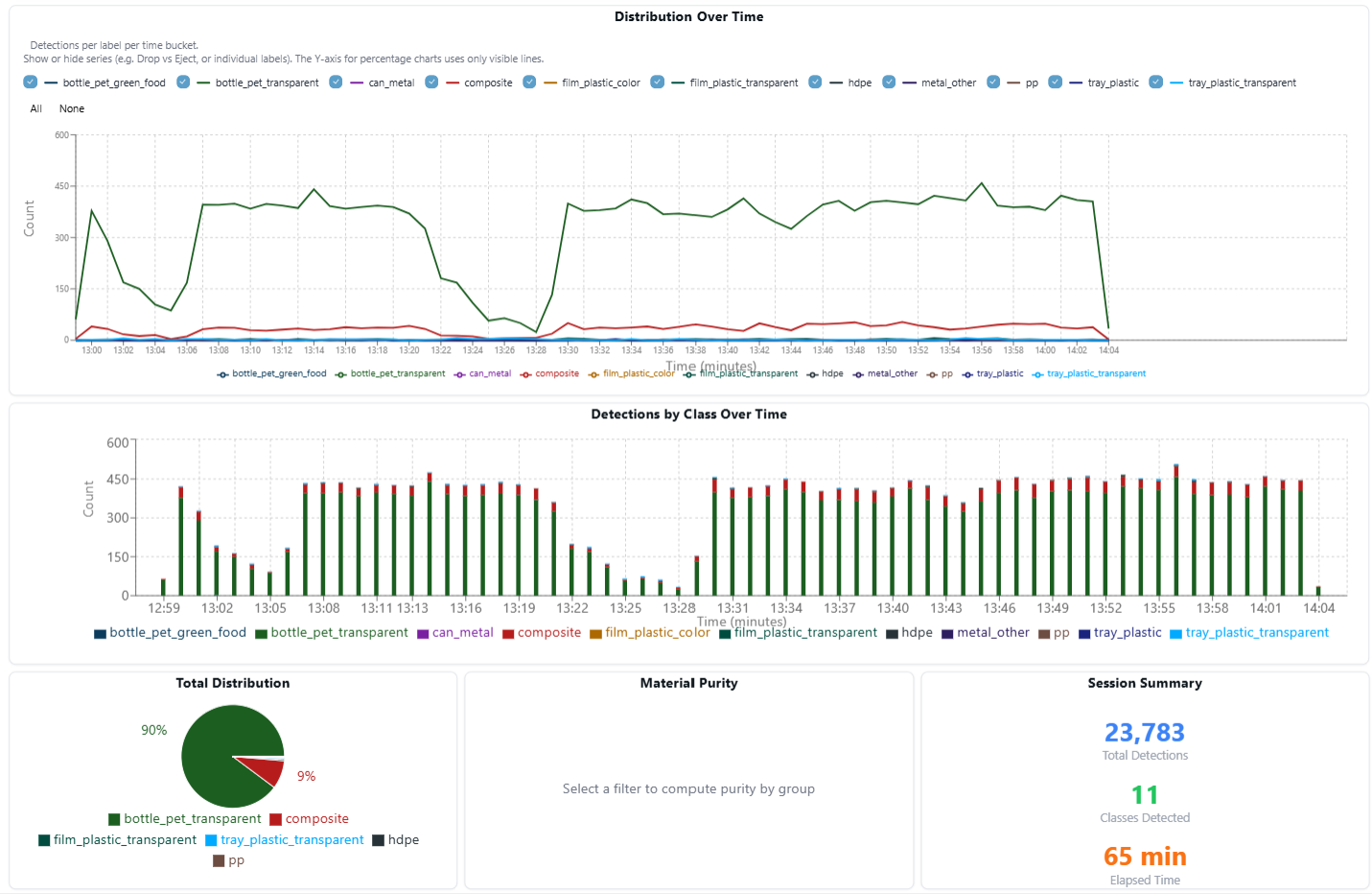
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Features

Use case : Packaging

Stream Monitoring & Calibration

- Easy Transportation & Installation
- **Stream Quality Monitoring**
- Efficiency Calibration
- Root-Cause Analysis
- Data Sovereignty



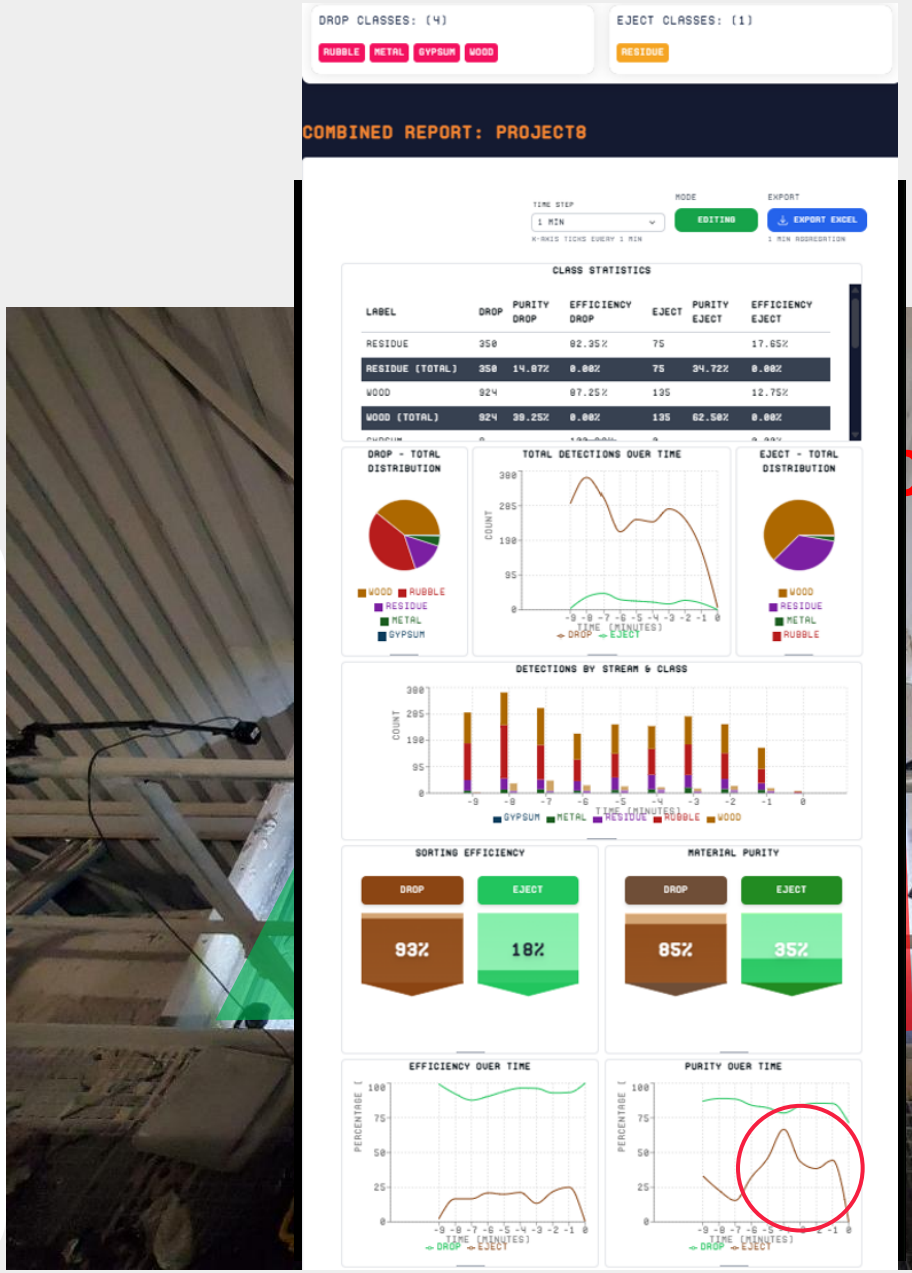
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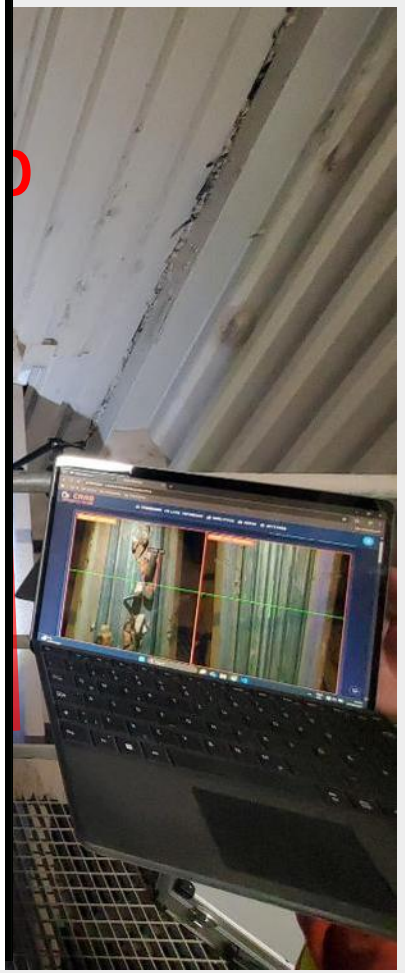
Features

Use case
Construction & Demolition

Stream Monitoring & Calibration

- Easy Transportation & Installation
- Stream Quality Monitoring
- **Efficiency Calibration**
- Root-Cause Analysis
- Data Sovereignty





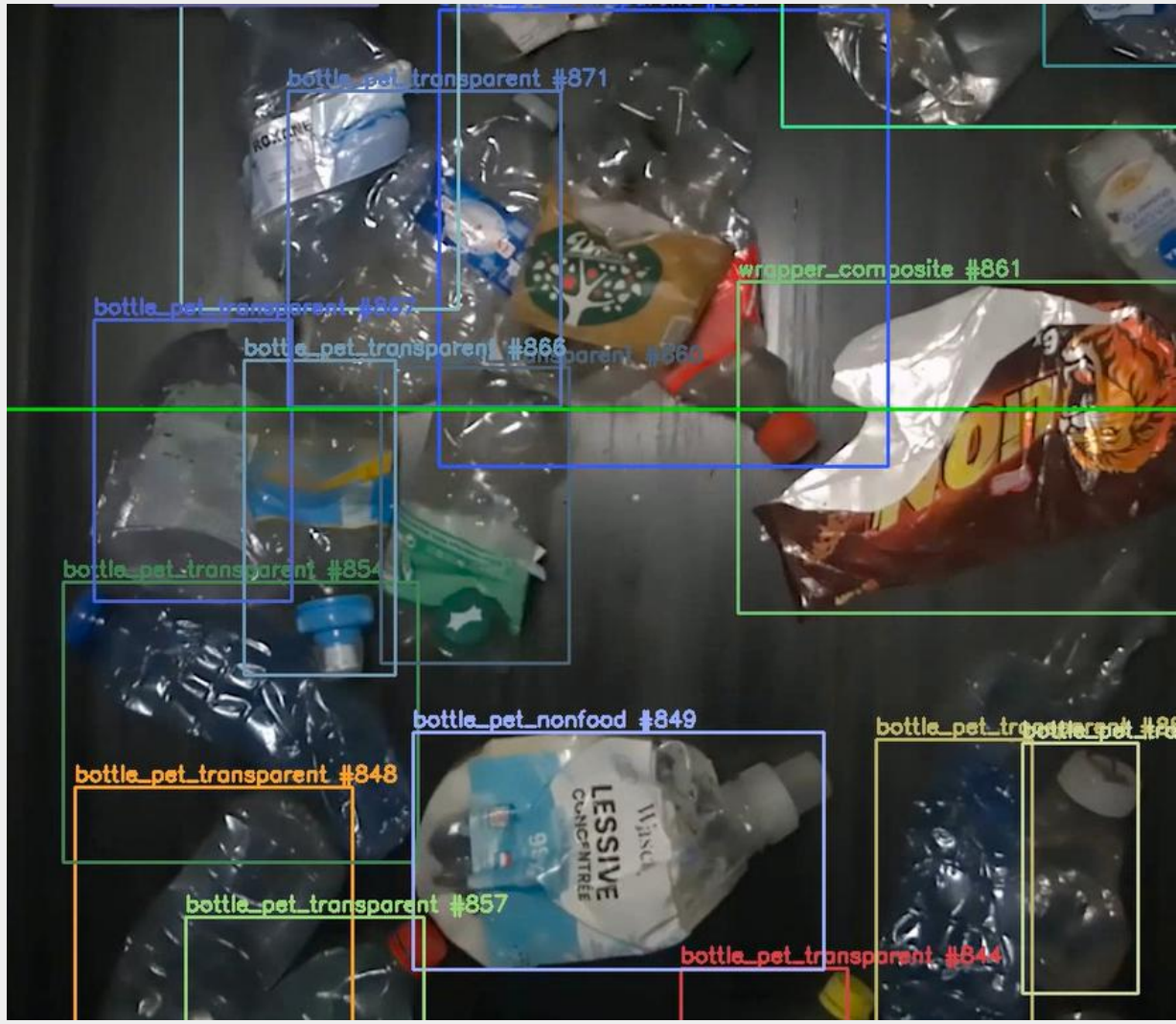
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Features

Use case
C&D + Packaging

Stream Monitoring & Calibration

- Easy Transportation & Installation
- Stream Quality Monitoring
- Efficiency Calibration
- **Root-Cause Analysis (Remote Servicing)**
- Data Sovereignty



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Features

Stream Monitoring & Calibration

- Easy Transportation & Installation
- Stream Quality Monitoring
- Efficiency Calibration
- Root-Cause Analysis
- **Data Sovereignty (on edge analysis)**



PENDING PATENT PENDING

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Your competitive advantage with CRAB

Mobile & easy to deploy

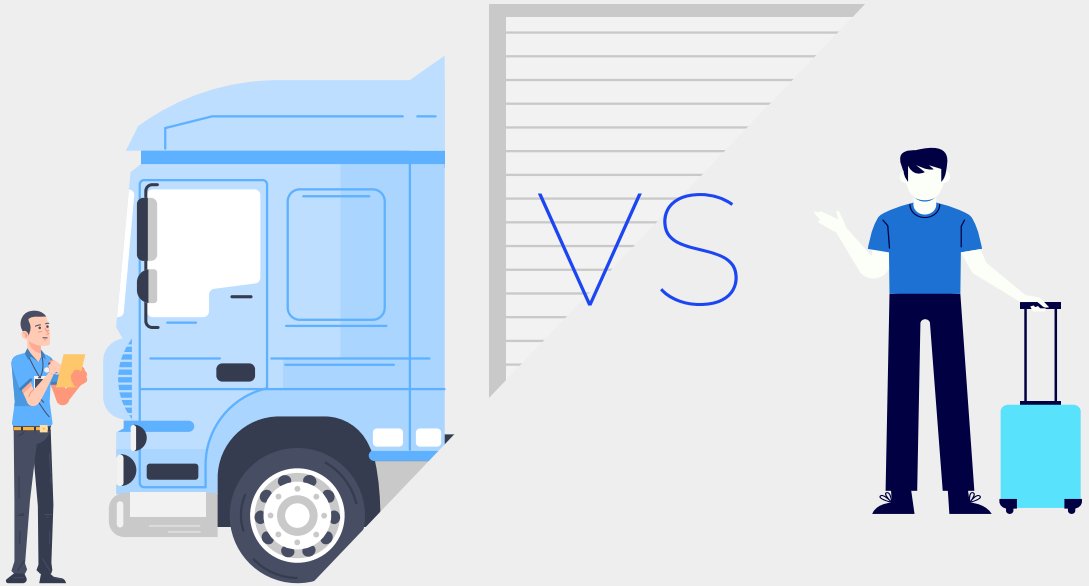
→ 5 min vs 2 days

2 Camera precision

→ Optimization of sorting machines

Fast ROI

→ No installation costs

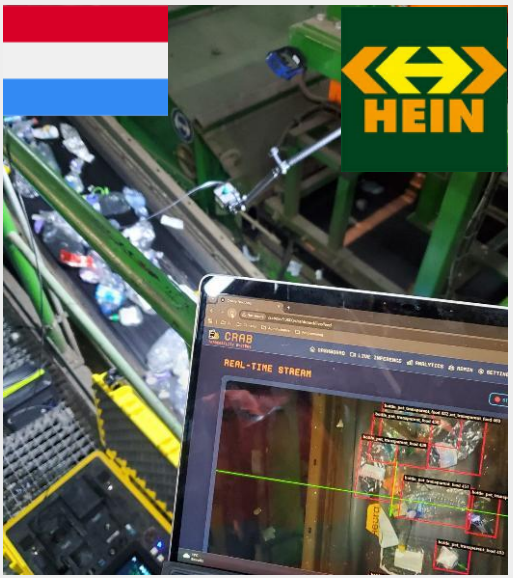


While other travel with a truck,

We travel with a **suitcase**!

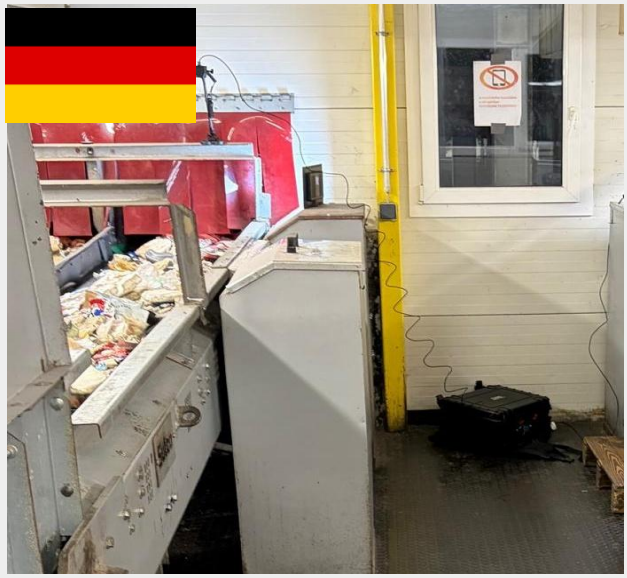
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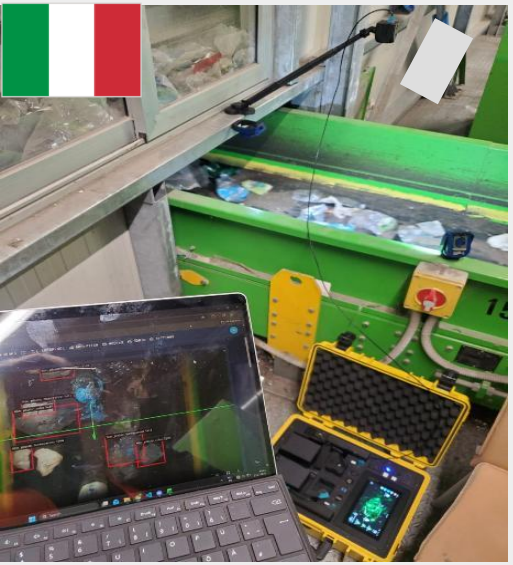
CRAB: Flexible AI for a circular world

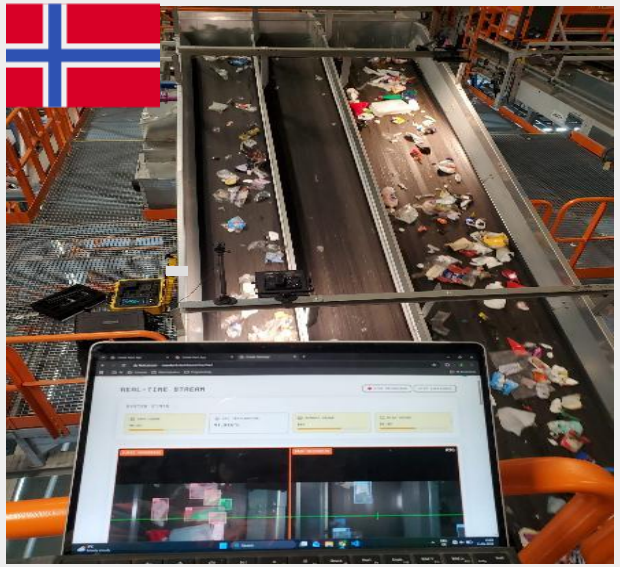














Is your facility next?

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