ADEB VBA

ELEVATING CONSTRUCTION TOGETHER

Digital Board – September 29th 2021

AICON

BALLOON INC.

AICON

Your Construction Site at a Glance

Where we are...

AICON Inc.

Platform commercialized under own brand with focus on construction.

1

Raised funding

First investment round closed.

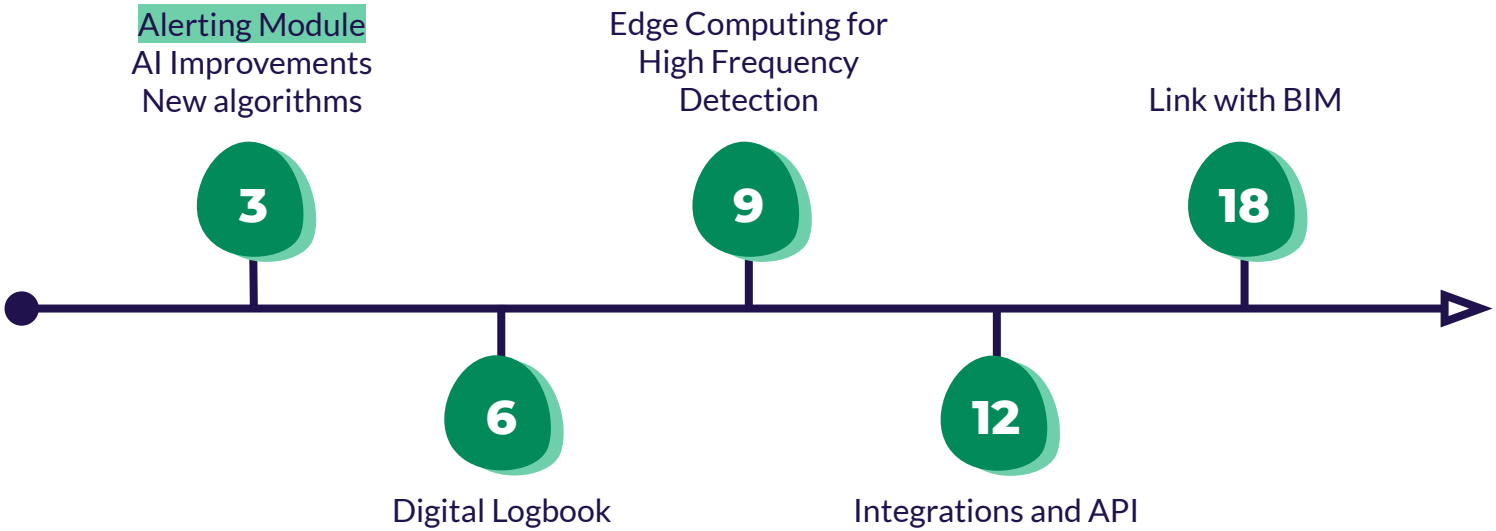
2

Roadmap

Development is being accelerated.

3

High level feature road map



Alerting Module

Not only for security

Also about events such as activities or costs-overruns

Control your notifications

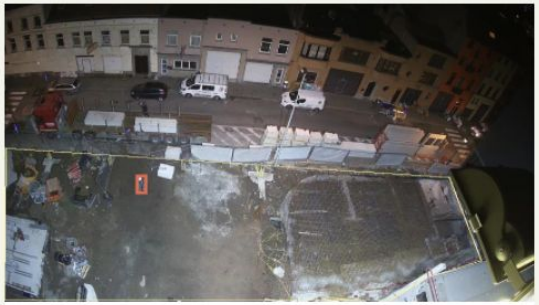
Only alerts in ROI zone and for a specific time window

Choose how to be notified

Email, Whatsapp, SMS, MS Teams, Slack,...

ALERT TRIGGERED

BALLOON INC HQ
MOORSEL



A Person has been detected in the last 30 min.

Detection based on following chosen notification settings:

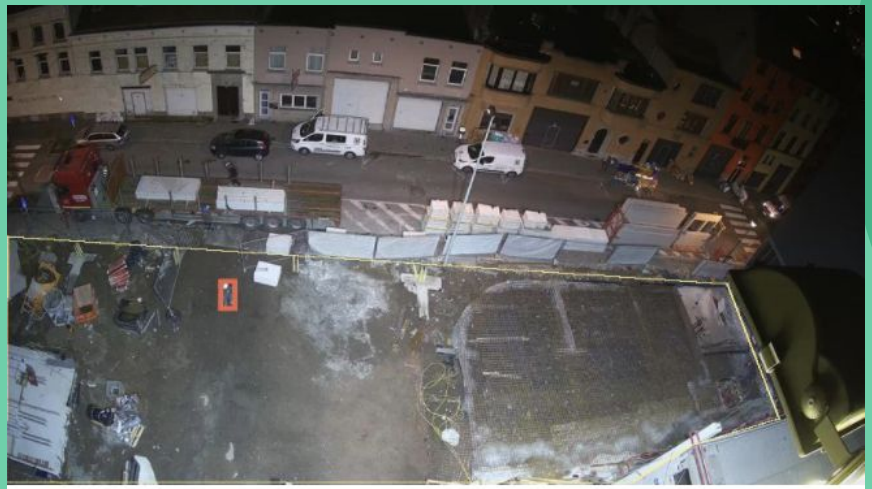
- **Project:** Balloon Inc HQ
- **Camera:** aicha30.
- **Region of interest:** Werfzone

See detection in AICON

You are receiving this email alert because you registered with AICON and someone signed you up for alerts for this construction site. Use the unsubscribe button below to let us know if you no longer wish to receive notifications.

© AICON Inc. BV, All Rights Reserved.

Privacy Unsubscribe



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See detection in AICON

AICON

- My Projects
- Create User
- Create Camera
- Create Project

Balloon Inc. HQ

Cam 3 (aicha30)

2021-09-21 → 2021-09-28 | Create Timelapse... | View Timelapses | Restart Camera

Project ID: -

Location: Moorsel

Client: Django Liénart

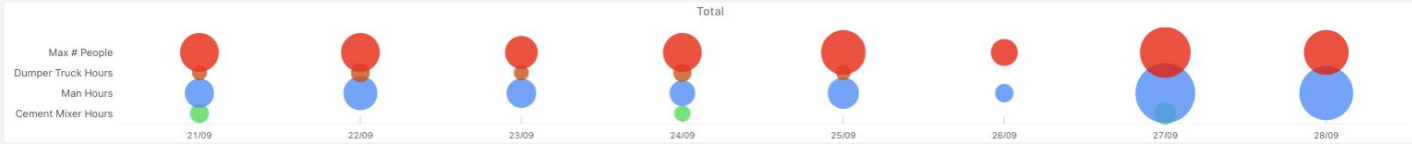
Tue, 28 Sep 2021 06:49:46

All Detections

Person	1
Container	-
Crane Base	-
Crane Head	-
Cement Mixer Truck	-
Concrete Pump	-
Excavator (Small)	-
Excavator (Large)	-
Tractor	-
Dumper Trailer	-
Dumper Truck	-
Roller	-
Formwork Column	-
Rebars Column	-
Rebars Net (multiple)	1
Rebars (beugels - multiple)	-
Rebars (staven - multiple)	-
Cubicle	-
Waste Container	-

Regions of Interest

Werfzone

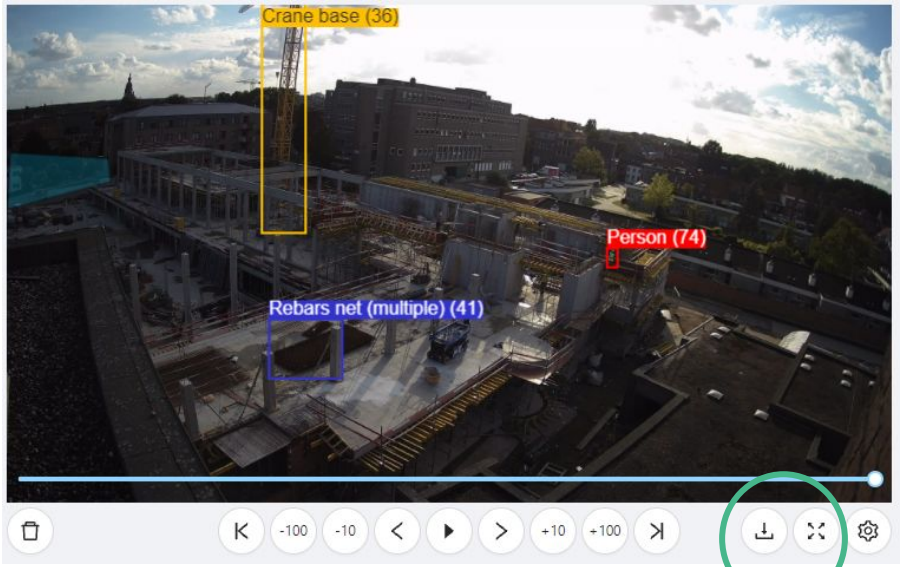


Small improvements

UI/UX VIEW

Download Image (without detection)

Fullscreen Image View & Navigation (with detection)



GRANTS

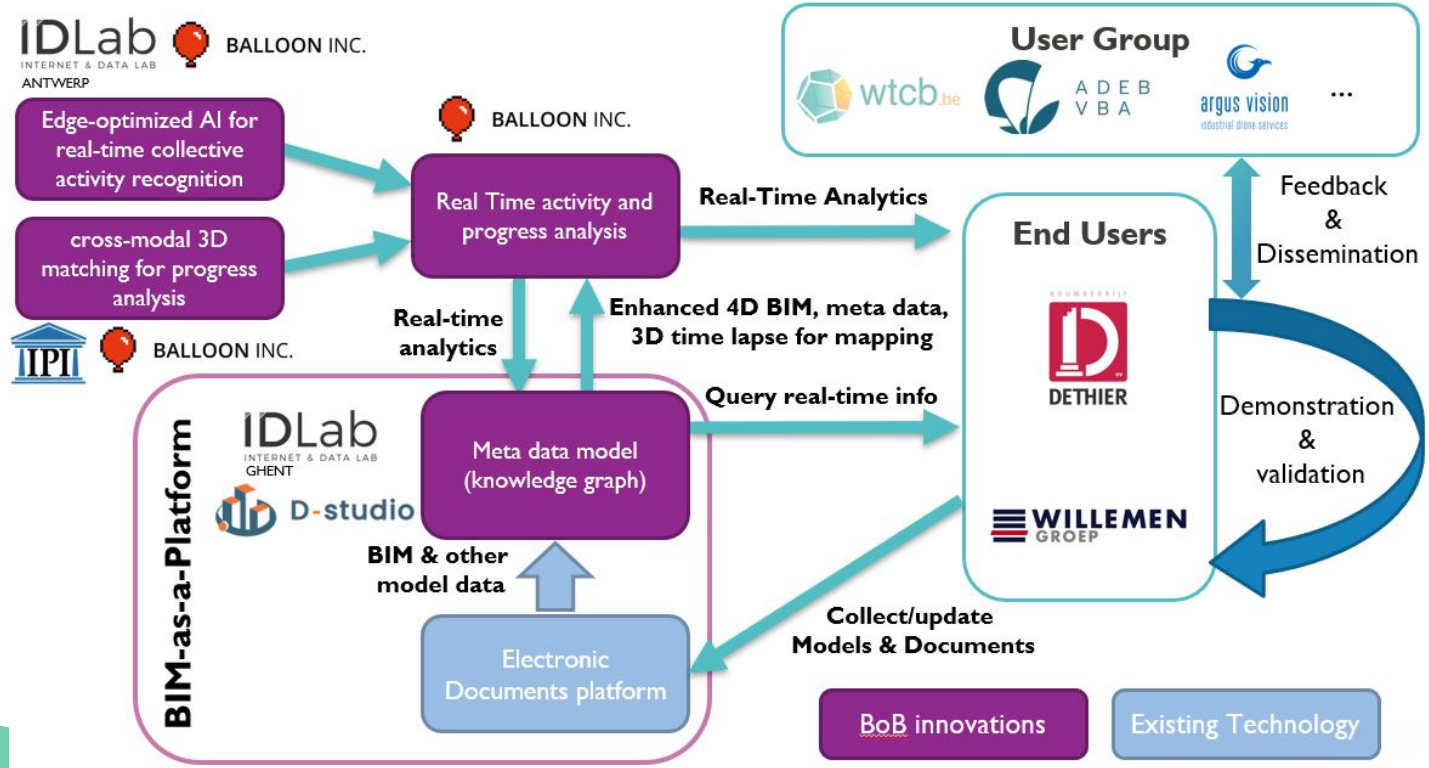
IMEC.ICON

13/09 - Virtual defense
22/09 - Submitted rebuttal
19/11 - Communication of the decision

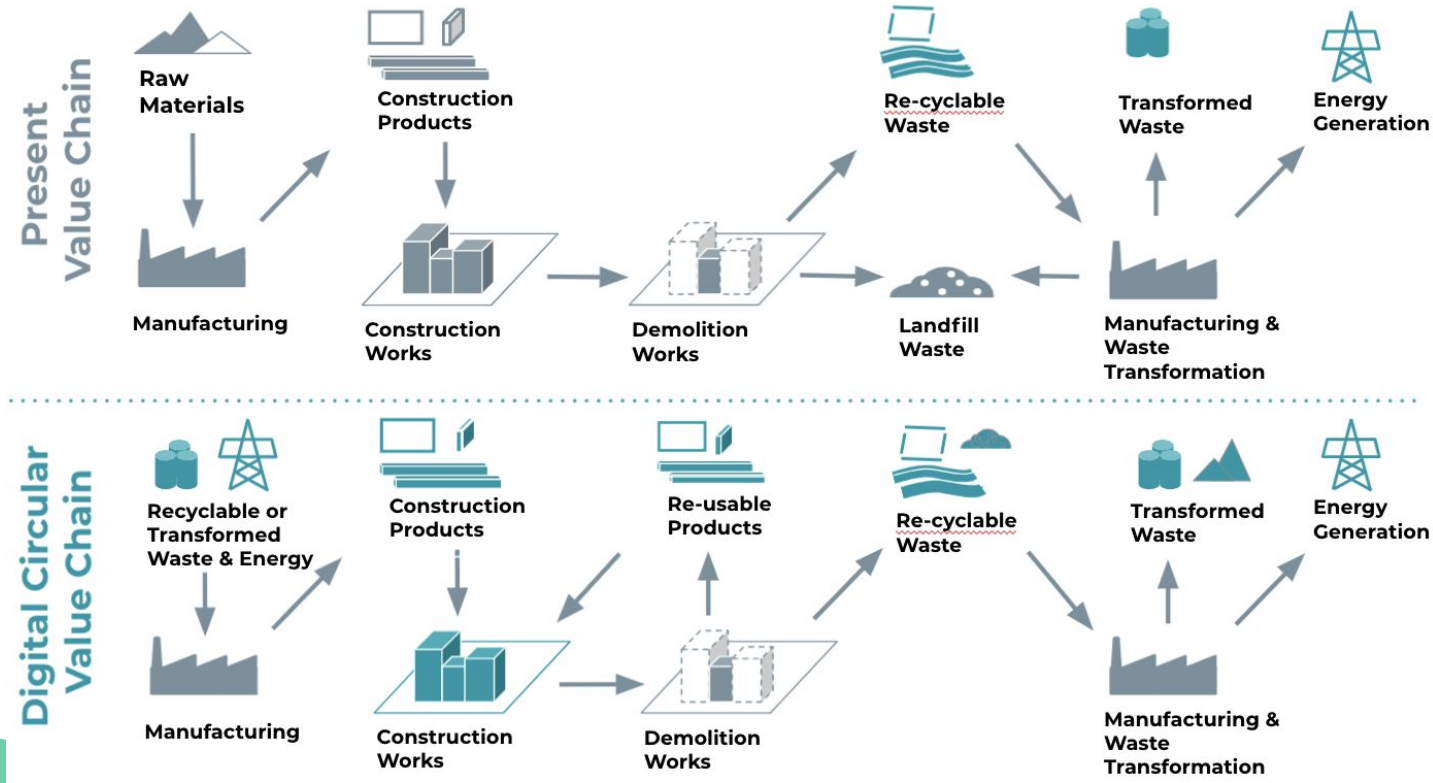
HORIZON2020

Call:
HORIZON-CL4-2021-TWIN-TRANSITION-01
23/09 - Proposal submitted

IMEC.ICON - BoB

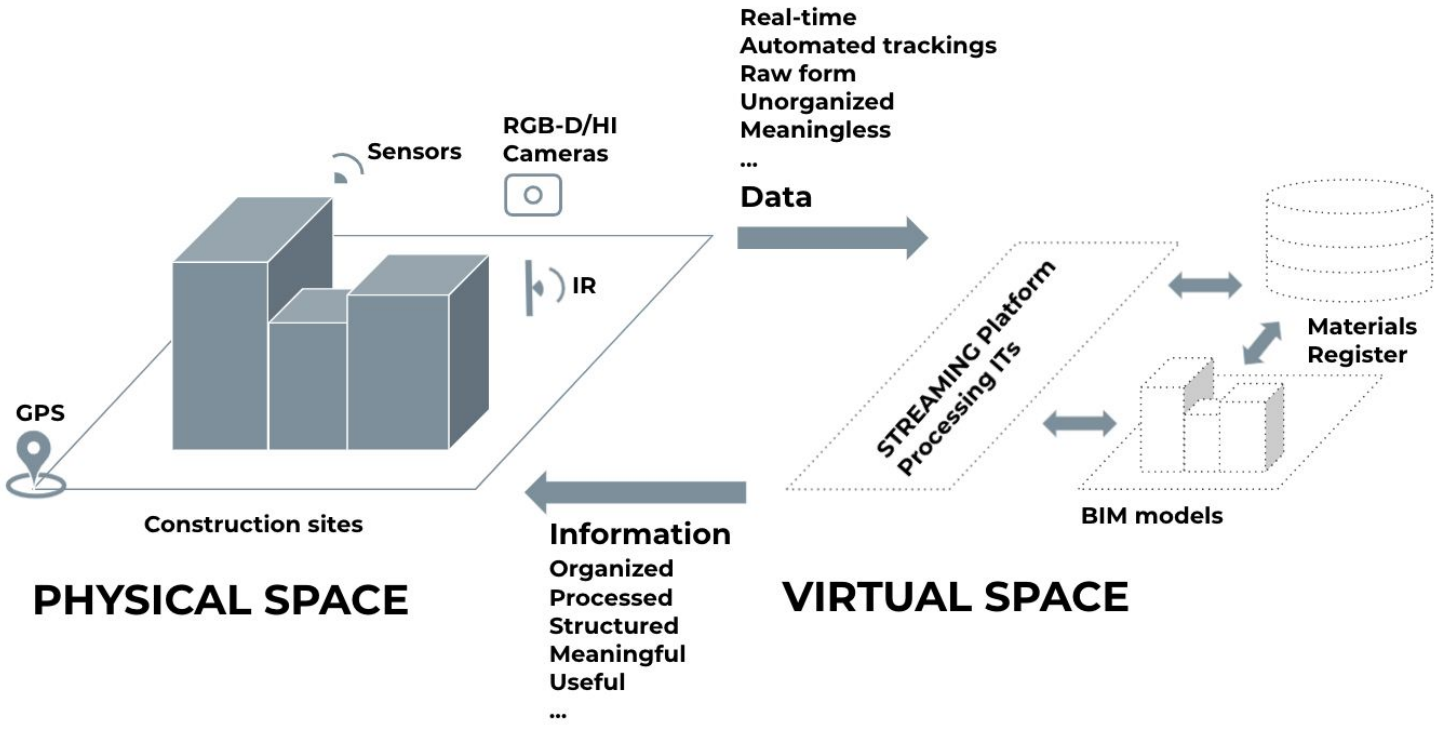


Horizon 2020 - STREAMING



Horizon 2020 - STREAMING

STREAMING Platform in the Circular Digital Twin System



Key focus of AICON

1.
EFFICIENCY
We measure performed hours of workers, equipment and more.

2.
SAFETY
Introduce a no-man zone during cautious manoeuvres. We detect if PBE is being weared.

3.
PROGRESS
See a live view of the progress of your site. Generate a real-time planning update.

4.
ALERTING
Send out warnings based on custom rules (detection/location).

5.
LOGGING
Keep track of your construction site events with a digital log book. (coming soon)

6.
TIMELAPSES
Create time lapses of the construction site.

AICON Journey in Numbers

568.000

Images

Processed on our ML platform

36

Camera Boxes in the Field

14 construction sites

52

Active Users

Who are logging in at least bi-weekly

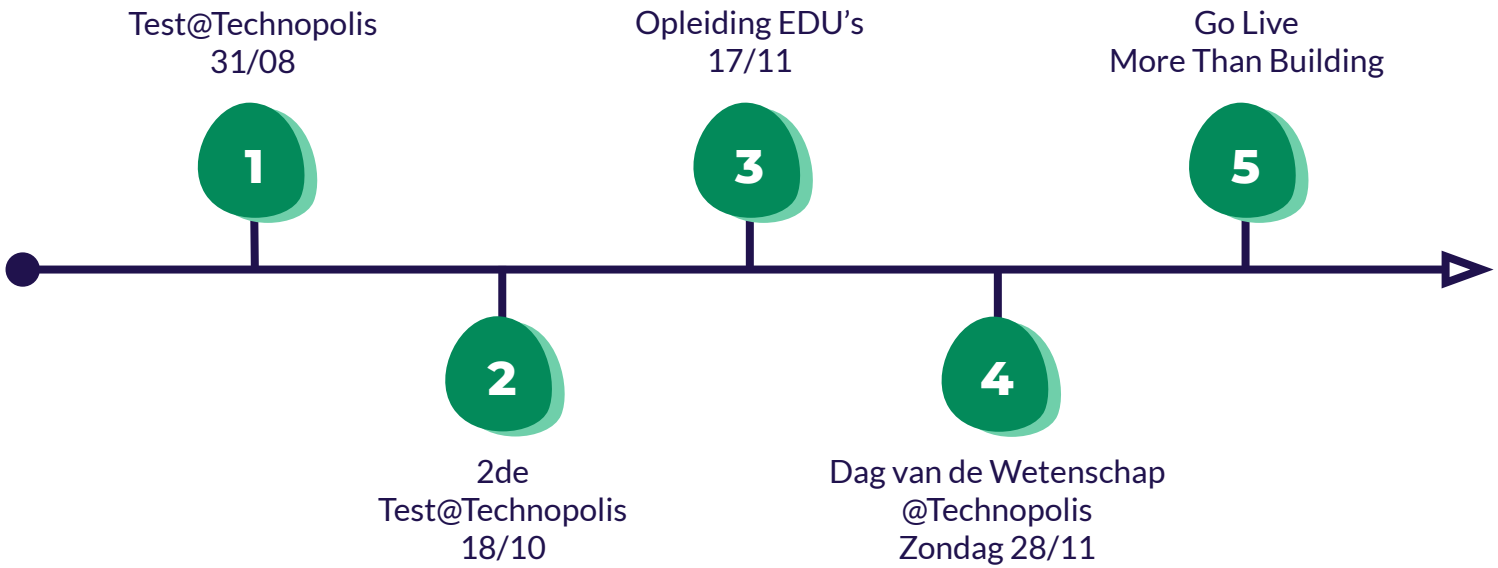
32.665

Lines of Code

Because it means something...

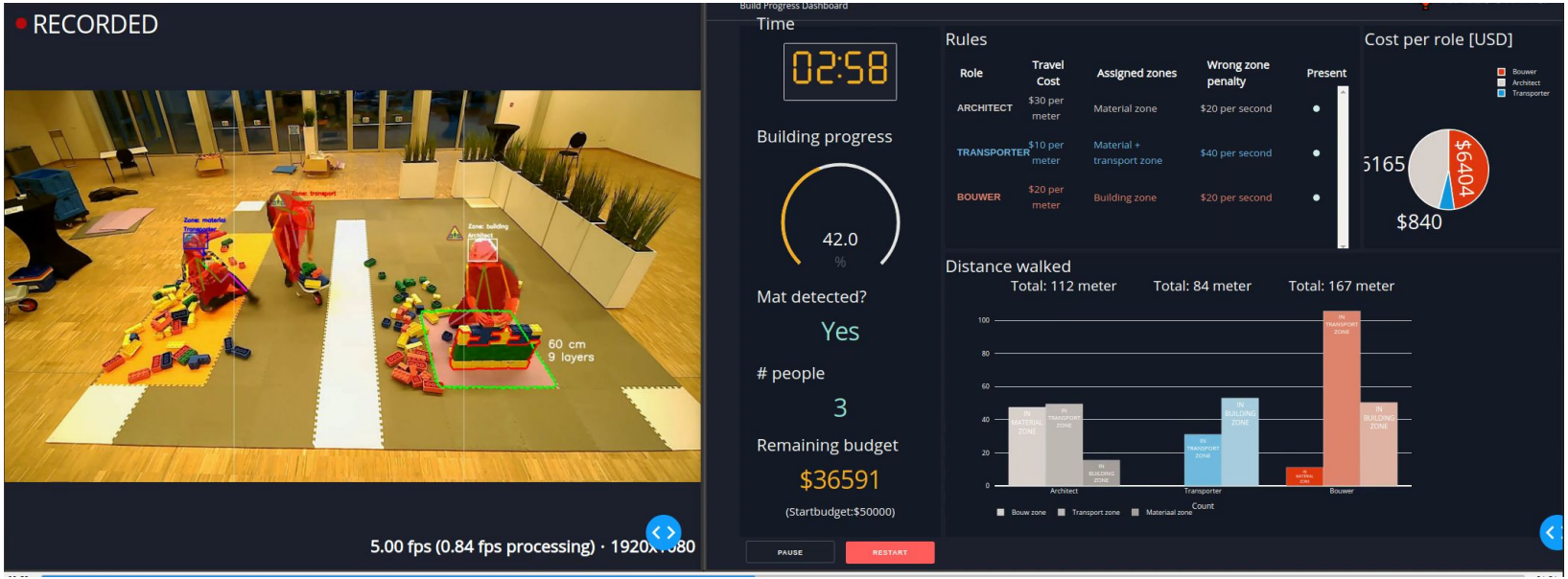
AICHA The Game

What's next?

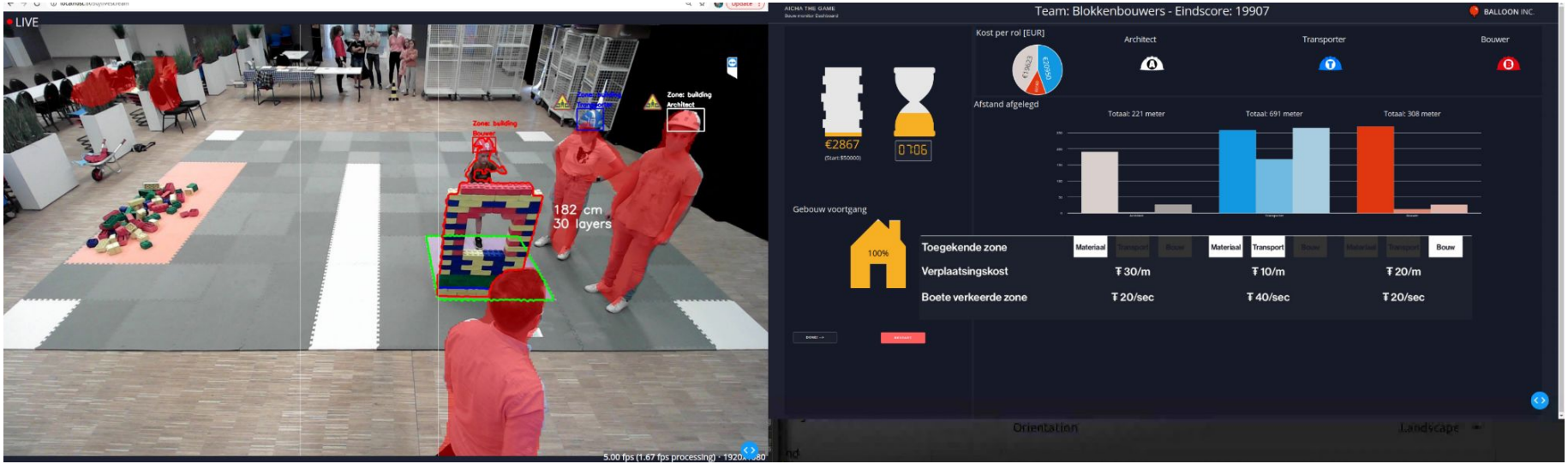

Test@Technopolis
31/08
1
2
2de
Test@Technopolis
18/10
Opleiding EDU's
17/11
3
4
Dag van de Wetenschap
@Technopolis
Zondag 28/11
Go Live
More Than Building
5

Test @ Technopolis - 31/08

UI improvements



UI improvements



THANKS!

Do you have any questions?
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