



# AI-POWERED

## Construction Progress Reporting & Quality Control

*AI Clearing for Pipeline Projects*

Quality Control



Health & Safety



Artificial  
Intelligence



Cybersecurity





### BASE INFORMATION:

Founded: 2020  
Headquarters: Austin, Texas

### KEY PARAMETERS:



Less than 24h  
Report Delivery



8 times faster  
than legacy solutions

### ORACLE INTEGRATIONS:

Primavera P6, Unifier, Aconex & others...



Pipelines



Railways



Highways

### SOLUTION:



Reality Capture



Mobile App



Design



Schedules



Budgets



Progress Tracking

Assess current state  
of your infrastructure  
project



Quality Control

Inspect execution quality in  
the field with automated  
error detection



Payment Release  
Validation

Settle payments based on  
objective and fraud-proof  
progress quantifications

### CLIENTS & GLOBAL PRESENCE:

DENYS



SKANSKA



All our linear inspections  
cover an area of:

44 635 HA

All our inspections cover an area of:

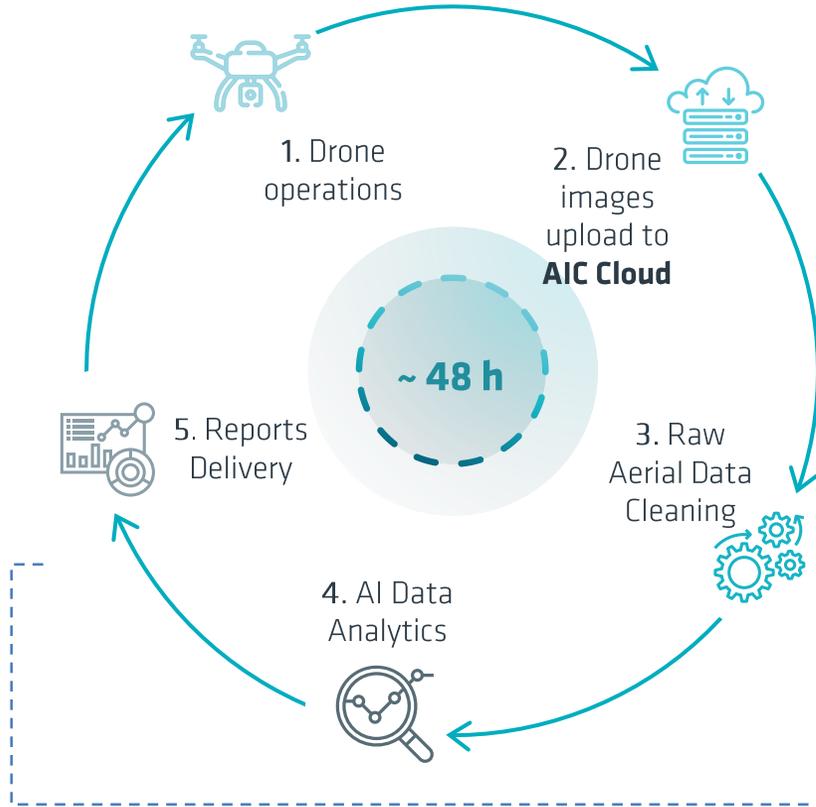
221 334  
HA

21x  
area of Paris

Proud IPLOCA member



# AI Clearing powers the fastest reporting solution available in industry, empowering project teams with **progress monitoring and pre-commissioning quality control**



### AI Clearing Core

**Online Dashboards** provide digital access to the construction site conveniently through a unified online dashboard

### Verify Pro

**Customizable QC checklists** iOS application with sign off and assigning mechanism enabling up to daily inspections



**Our technology enables tracking of large areas accurately and easily  
Up to 10 times faster**

# AI Clearing collaborated with The Client on a project providing cyclical reports based on AI analysis & drone images

## Project details:

**Project type:** Gas Pipeline Construction

**Project length:** 44 km, divided into two sections:

- Section 1 – 30 km
- Section 2 – 14 km

**Construction corridor width:** 30 m

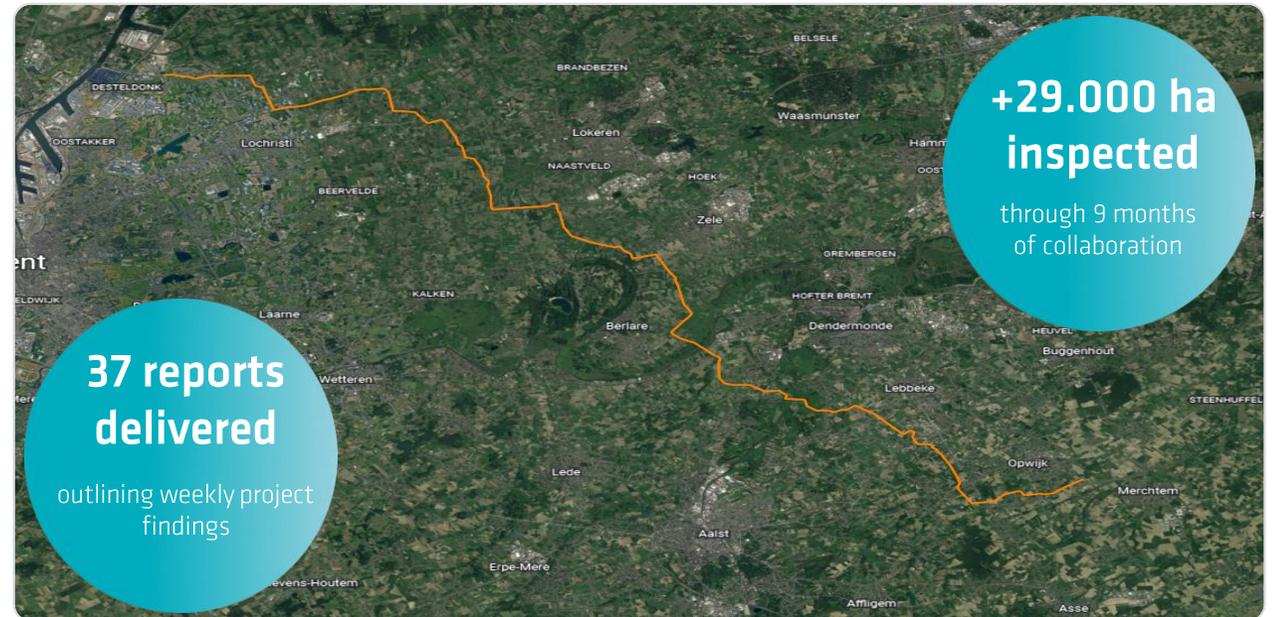
**Reporting extent:** Entire linear progress of the pipeline construction

**Reporting frequency:** Weekly

**Reporting start:** March 2023

**Project duration:** 9 months

**Characteristics of the cooperation:** Preparation and delivery of cyclical AI-based reporting, containing construction progress updates on pre-agreed KPIs and adherence to the design, with possible Health&Safety tracking delivered through an interactive online Dashboard.



## +20 Activities Monitored

- Clearing & Grading
- Topsoil removal
- Pipe stringing
- Pipe welding
- Welds coating
- Trenching
- Backfilling
- Missing drilling
- Gas station - foundations
- Gas station - piping
- Gas station - trenching
- Assembly zone violations
- People without helmets
- Proximity to the existing pipeline
- Pipeline route different than designed

# Outcome



**Reduced costs and improved financial performance on the project.**

*“Fast and correct follow-up of progress. Great set of evidence of the real situation in case of financial discussions with the client.”*



**Reduced risks like deficiencies, changes, additional works or other project-related threats.**

*“The drone images have proven to be a great set of evidence in discussions with subcontractors on progress, real execution, and extra work. In conversation with the client, the images also prove to be a great set of evidence regarding changes or additional works.”*

## Our Partner's Words

***Looking at the amount of additional work or subcontractor claims we could prove or reject with data, AI Clearing proved to be a gain instead of a cost. We had good cooperation with AI Clearing on setting up the platform and making additional developments. We can recommend AI Clearing to other companies in the industry.***

The Client, Project Manager



THANK YOU

