



PITCH

Intelligent Drone & Robotic Inspections



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VISION

The total solution for **efficient asset inspection.**

Industrial assets are becoming safer, more ecological, data-driven, and more efficient through the use of high-tech robotic inspections, data technology, and digital transformation.



Who is SkyeBase?

- SkyeBase is a total solution company, founded in 2020
- Vinçotte/KIWA participation in SkyeBase
- Development of asset inspection platforms and implementation of structured data capture
- Focus on process industry & tank terminals, container terminals, energy & offshore and infrastructure & building
- The iSpect platform supports processing asset inspection data into useful insights
- Offshore capabilities
- VCA-Petro & ISO 9001:2015 certified
- Light UAS Operator Certificate (LUC)

Safer, Faster and Better Monitoring of the **Asset Health**

 corrosion

 cracks

 leaks

 (thickness) measurement

 deformation

 connection

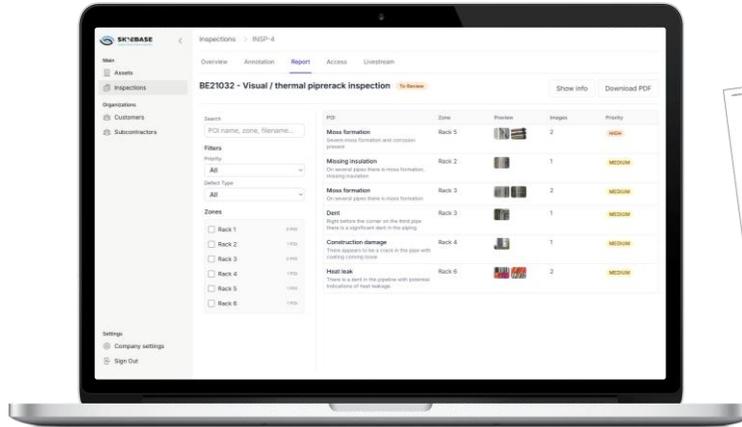
 emissions

 weldings



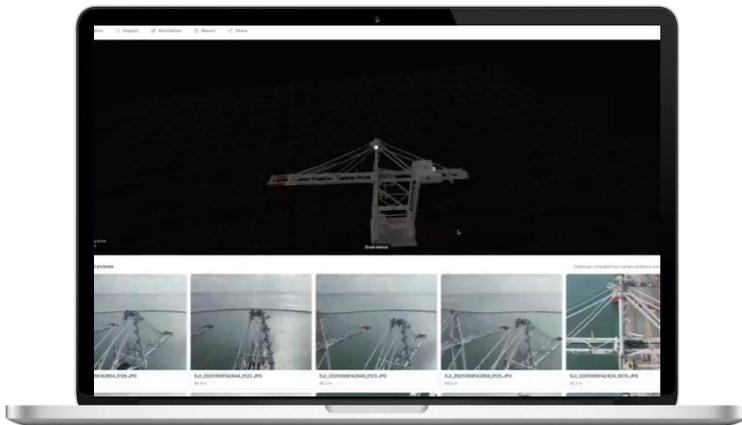
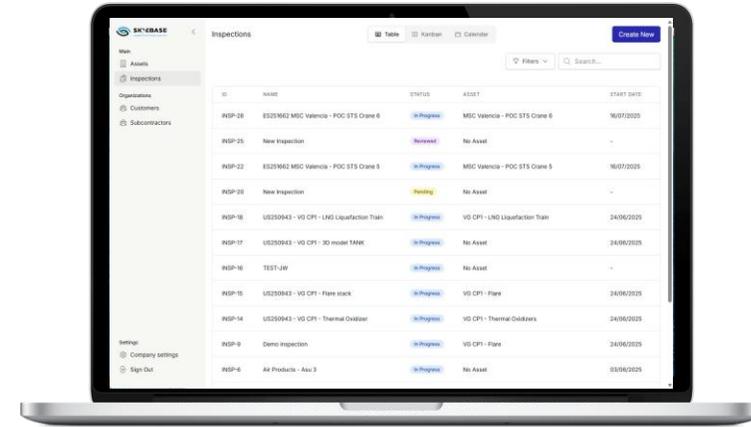
Digital reporting // iSPECT

1. Increase reporting **efficiency by 52%**

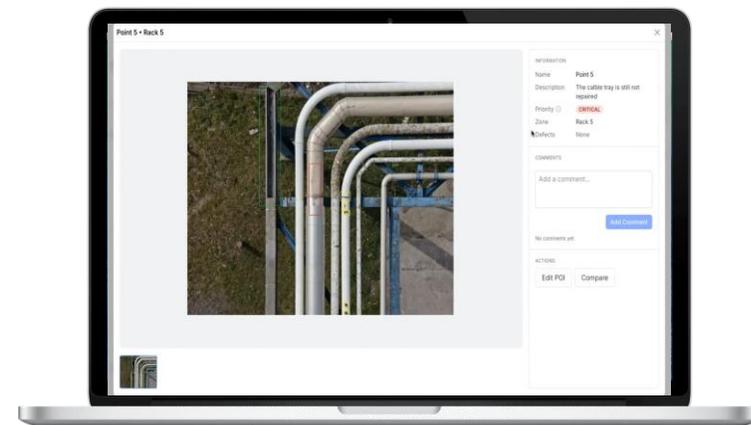


export to pdf

2. **LIVE VIEW** of inspection via iSpect



3. **3D VIEW** with defect localisation and annotation



4. Follow up of **defect evolution over-time**

Own Network of **Qualified Drone Pilots & Operators**

QUALIFICATIONS

- **Pilot Training** (EU-UAS Pilot Professional)
- practical and theoretical
statutory examination
- **Practical Training Industrial Assets**
 - visual • thermal • Measurement (UT)
 - emission measurements
- **VCA VOL**
person
- **Offshore safety training**
person
- **Annual Training**



Inspections are Combined with Expertise & Regulations

At Vinçotte, companies are helped to protect their people, assets and operations while ensuring long-term business continuity through reliable

SAFETY SOLUTIONS



1M+

Inspections per year

With more than one million inspections carried out each year with more than 1,100 inspectors, Vinçotte delivers a consistent, high-quality safety guarantee for businesses of all sizes.

200+

services & growing

We offer a comprehensive portfolio of safety services ranging from fire detection to energy efficiency, environmental compliance, and cybersecurity.

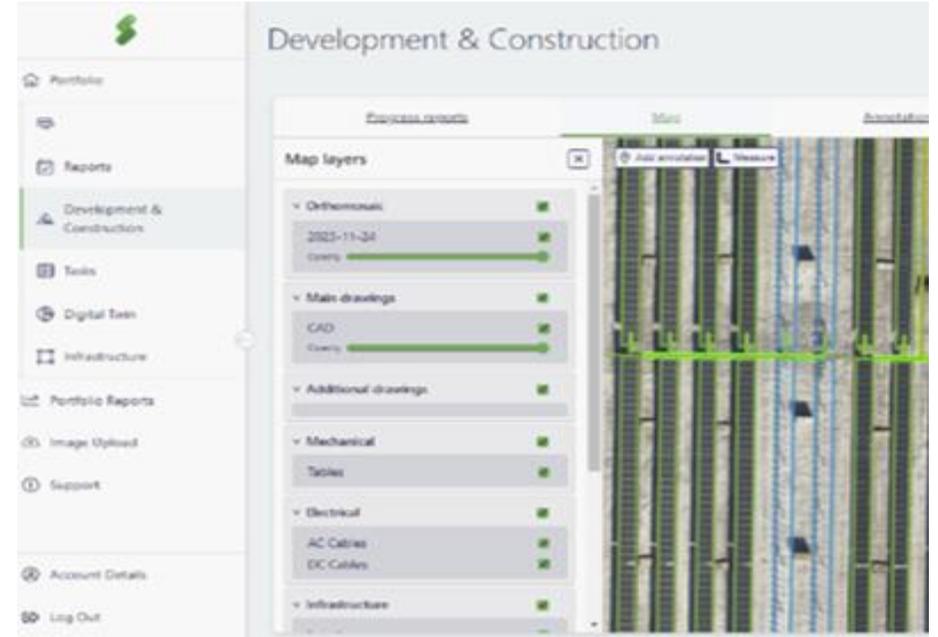
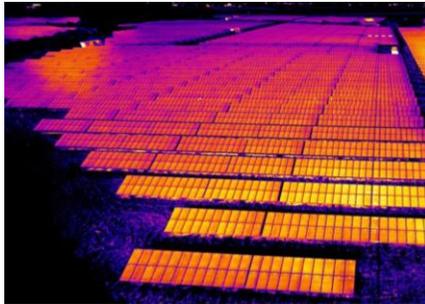
**Global expertise
with Kiwa Group**

The logo for Kiwa, consisting of the word "kiwa" in a bold, lowercase, blue sans-serif font.

Since integrating with the Kiwa Group, Vinçotte has expanded its capabilities to include access to global resources and innovative technologies. This makes them a true one-stop-shop for safety.



Solar panel inspection



ADVANTAGES & FEATURES

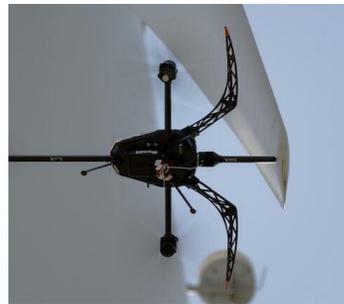
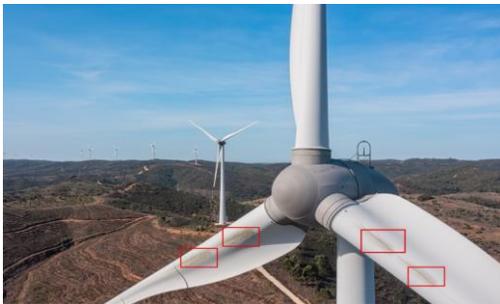
- Aerial topographic mapping with high resolution images
- Digital construction management for track and control
- Aerial Thermography gives insight in performance

RESULTS & INSIGHTS

- Digital reporting in platform
- Filter on defect types and priorities
- Supports technical due diligence



On- & Offshore wind turbines



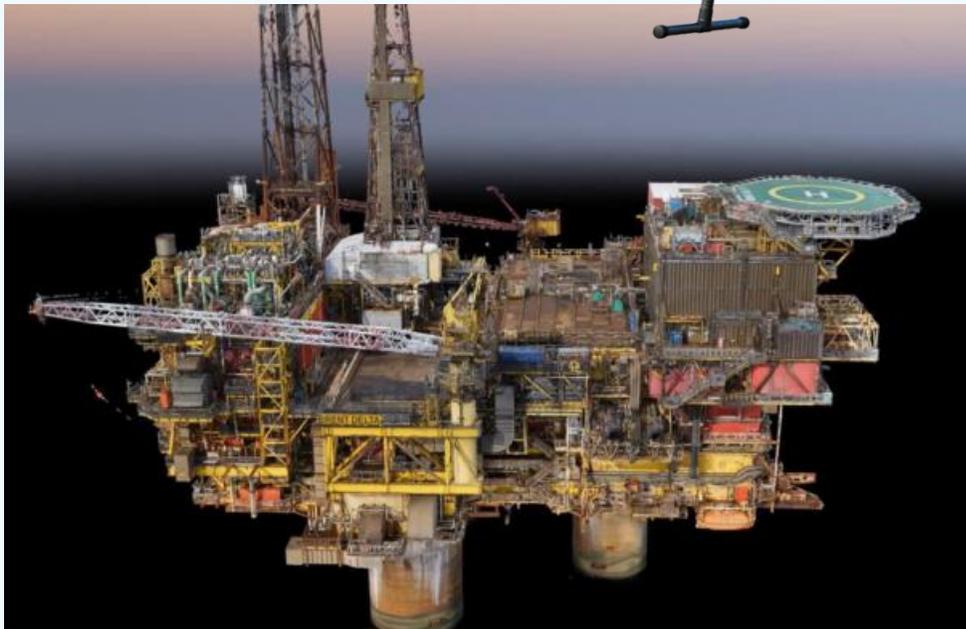
ADVANTAGES & FEATURES

- Fast, efficient data capture
- Accurate visual defect scanning and positioning
- Lightning protection systems (LPS) inspection
- No interventions on height
- Important savings, no aerial platforms

RESULTS & INSIGHTS

- Digital reporting in platform
- Filter on defect types and priorities
- Supports technical due diligence

Inspection and measurement of offshore platform



ADVANTAGES & FEATURES

- No need for scaffolding or rope access
- Accurate inspections up to 200 m height
- High data consistency and accuracy
- Detect corrosion, cracks and coating defects with H2OT
- Visual and thermal verification of inspected areas
- Measurement & 3D modelling

RESULTS & INSIGHTS

- Digital reporting

VISUALIZATION OF DEFECTS



corrosion (AI)



cracks

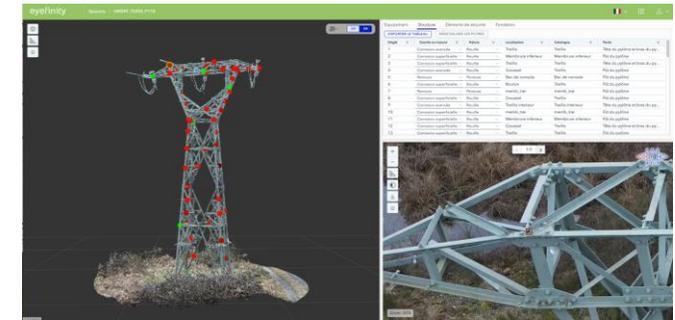
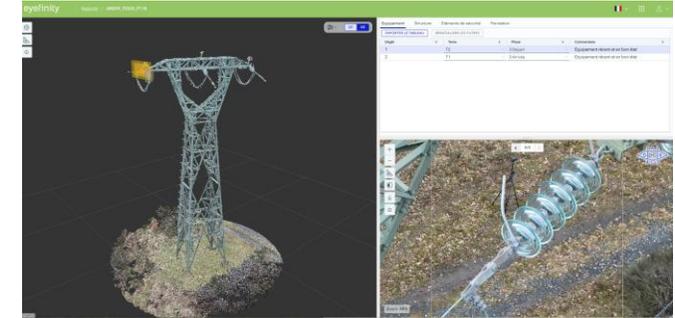
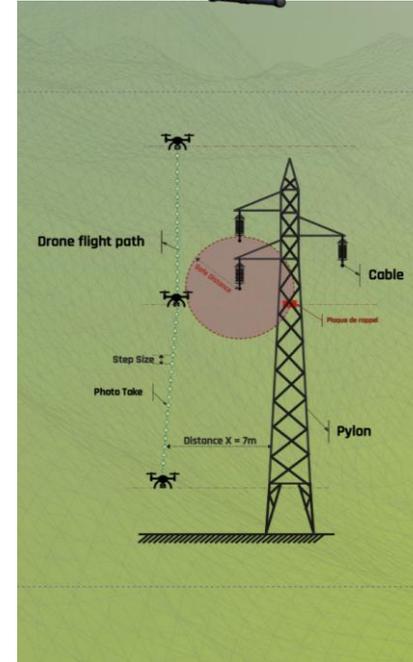


overall condition



joints

HIGHT TENSION - OUTDOOR DRONE Powerlines



ADVANTAGES & FEATURES

- Minimize pilot manual intervention and reduce inspection time
- Semi-automated flight plan
- Improve the accuracy of inspections
- Increased security by detecting obstacles

RESULTS & INSIGHTS

- Digital reporting in platform
- 3D Modelling of infrastructure
- Evolution of defect degradations
- Verticality check



Cooling towers



ADVANTAGES & FEATURES

- No need for scaffolding or rope access
- Accurate inspections up to 200 m height
- High data consistency and accuracy
- Detect cracks, spalling, rebar corrosion, cracks and water infiltration
- Measurement & 3D modelling

RESULTS & INSIGHTS

- Digital reporting

VISUALIZATION OF DEFECTS



corrosion (AI)



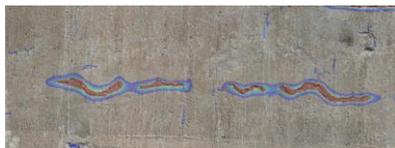
cracks



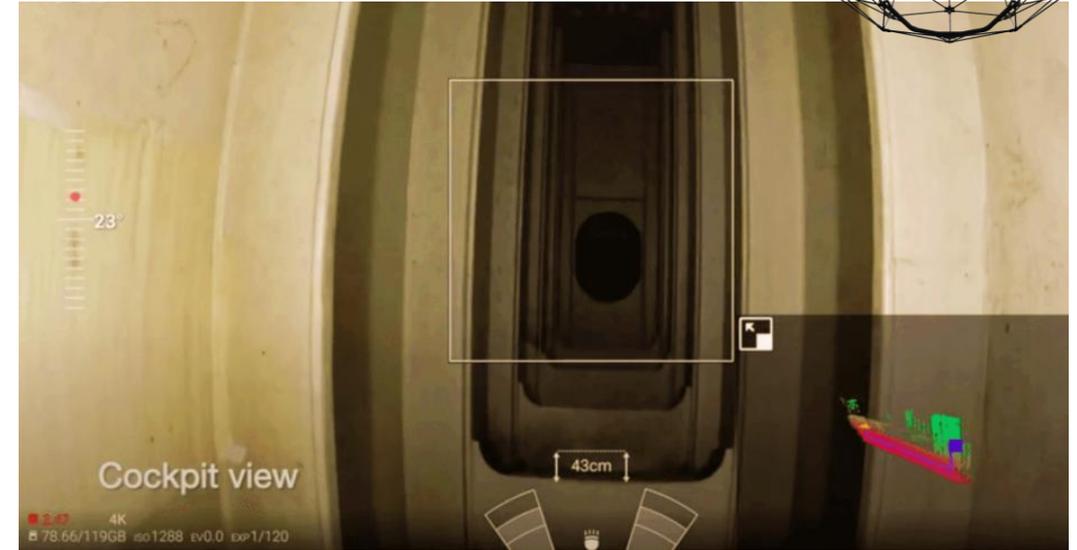
water infiltration



spalling



Ballast tank or cargo hold



ADVANTAGES & FEATURES

- Visual and & UT thickness measurements
- No need for scaffolding or human entry or shutting down the flare
- Very short intervention times = low downtime

RESULTS & INSIGHTS

- Digital reporting

VISUAL INSPECTION OF

- deformations
- cracks
- general condition
- corrosion

A Total Approach from A to Z



Advantages



4X

cheaper for significant savings

5X

faster inspections for less asset downtime

➤ Data capture happens consistently for over year trend analysis

➤ Data processing is digital for knowledge assurance

➤ No accidents due to working at height



These Parties Place Their Trust in Us



Proces Industry & Storage Terminals

Infrastructure

Container Terminals



Different Ways to Work with Us



JOB PER JOB

pilot case

- Testing of drone and platform use
- Joint research on validated applications
- Occasional inspections



FRAMEWORK CONTRACT

- Fixed price agreements for specific inspection applications
- Validated asset inspections
- Urgent assignments
- Regular inspections



RECURRING PER ASSET

- Fixed price for a specific asset
- Defined reporting structure
- Asset inspection platform
- Repetitive inspections

