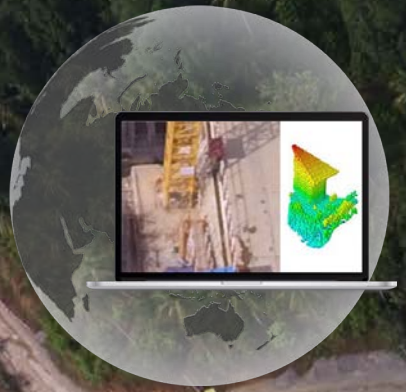
# GEOSOLVO®

MONITOR THE PLANET

The easy solution to automate complex topography.



# PROBLEM

Enterprises face design challenges due to conflicts with real-world topography
which can cause task breakdowns, rework, delays, and high investment.

?
X
X
X

**33%**

Workflow interruptions result from
HUMAN ERROR

**60%**

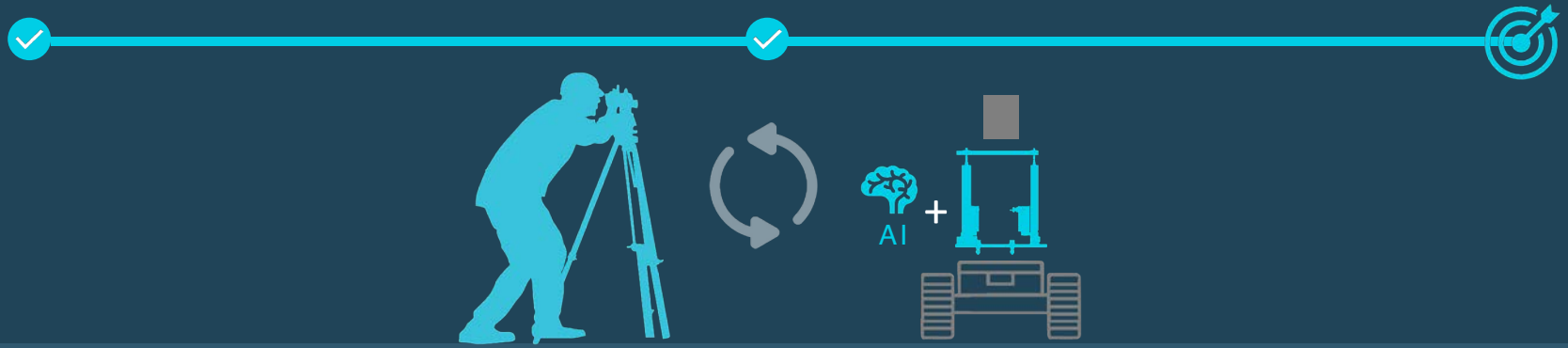
Surveyors work in RISKY AREAS
leading to INJURIES

**87%**

SKILL SHORTAGE
Rapid pace of technological advancements
CONTINUOUS TRAINING of teams.

# SOLUTION

A fully integrated system to automate large-scale topography tasks.
Cut your cost with efficient timelines while supporting on-site workforce well-being.




- ✓ Automated planning software
- ✓ Task time calculation with machine learning
- ✓ Real-time task progress monitoring
- ✓ Precise location tracking

- ✓ AI-driven scenario validated for autonomous driving
- ✓ Offloading labour from physical tasks
- ✓ High-precision data collection.
- ✓ **Patented.**

IoT-enabled access to 3D laser scanners, total stations, and mobile robots.

# MARKET OPPORTUNITY

Our system automates complex surveying tasks across multiple industries, this offers scalability and drives growth opportunities.

## LAND SURVEY EQUIPMENT MARKET

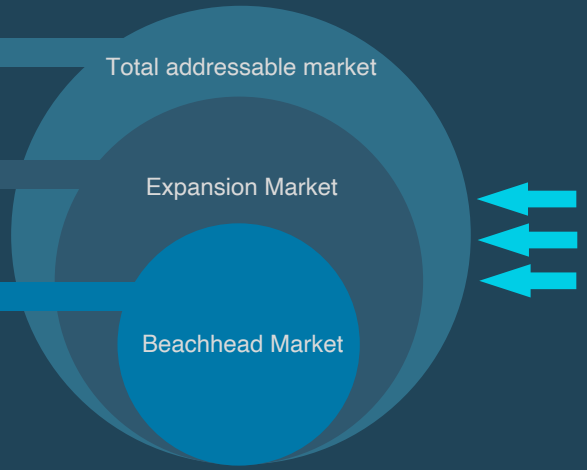
Market Value 2024 $ 9.0 Bn
Market Value 2028 CAGR 5.2% $ 11.7 Bn
GLOBAL FORECAST

BY INDUSTRY

**Phase 3:**
Enviroment, Defence, Aerospace, in the US & other key areas

**Phase 2:**
Oil&Gas, Mining, Environment in the EU / Central Europe

**Phase 1:**
Infrastructure & Urban Planning, Energy in the EU




We're leveraging our +200 current analogue clients, accelerating sales cycles.

# REAL CASE

Paid operation field run to validate the market.

enel Green Power $ MONITOR THE PLANET

**40%** more effectiveness

**90%** more reliable estimate

**67%** less labor shortage

**60%** less human error

Geosolvo V3 + our Autonomous Mobile Robot (AMR) Prototype

Tunnelling, Survey Method: Stop&Go + 3DLS, Time: 8hs, Km of surveying: 3-15 km.

# ROADMAP & MILESTONES



With a long-standing knowledge base in the field, we created a unique IoT and AI combination.

**2019**

AMR mobile Robot
Prototype / 3 version

**Real Case**
**Q2 2023**

Integration of drones into the IoT system
for sloped landings and automated recharging

**Robotic Partner Agreement**
**Q3 2024**

AI Platform

**Q4 2024**

CVC / Angel / VC
&
Monitor the Planet

Bootstrapped – Loans – Grants - Trust fund | EU funds | SEED

# COMPETITION



| | Geosolvo<br>Monitor the Planet<br>&<br>Universities | WRTL for Absolute Tracker<br>Hexagon<br>&<br>Magenta Robotics | Scan&Go |
|---|---|---|---|
| Any mobile robot | ✓ | | |
| Any instrumentation | ✓ | | ✓ |
| High-precision data collection | ✓ | ✓ | |
| AI-driven scenario validated for autonomous driving | ✓ | ✓ | |

# USE OF FUNDS

Cost-effective in complex topography automation.

Cross Selling Opportunity
Clients trust our brand and services.

enel Green Power · RFI Rete Ferroviaria Italiana Gruppo Ferrovie dello Stato Italiane · Fincantieri · Lendlease · Siemens Energy · iren · Costruzioni Linee Ferroviarie · Edison
a2a energia · Trinasolar · milanoserravalle milanotangenziali · GAIA · Impresa di costruzioni Somoter s.r.l. · ITINERA · Allara

# TEAM

## We are a seasoned team that does complex topography tasks.

Emanuele Dal Monte
CEO / CTO Founder
Surveyor
Inventor - 1 EU Patent

Luana Arginelli
CMO / Founder

Stefano Merlino
Geomatic Technician
Surveyor

Gianluca Palmieri
Geomatic Technician
Surveyor

Eduardo Brünger Paperini
Advisor

## European Funds back us.

Our team was chosen for a prestigious program by a leading innovation hub and other institutions in advanced manufacturing

+CIM4.0
Competence Industry Manufacturing 4.0

Politecnico di Torino

Fondazione Compagnia di San Paolo

Other provable endorsements:

Regione Emilia-Romagna

Ministero degli Affari Esteri e della Cooperazione Internazionale

ITA Italian Trade Agency

INTESA SANPAOLO

Deloitte.

# THANK YOU!

GEOSOLVO

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