Concerned about structural safety in your house?

Our satellite-based radar imaging and AI technology find structural issues in properties early, offering peace of mind.

sensed.ai

Sensed AI is a cutting-edge **space-tech** startup, specializing in Earth Observation for real-time, **automated building health monitoring**. Leveraging the millimeter-level satellite imaging and the power of AI, it aims at transforming the way we understand structural integrity, delivering fast and reliable data for safer living environments **at global scale.**

Opportunity

- **Fast-growing** AI-driven Earth Observation market, already at **$3.4 billion** volume.
- **Very few players** in the urban infrastructure monitoring, not meeting the growing demand.
- Sensed AI's **unique features** provide a **competitive edge** in the tech-driven market.
- **Secured R&D and incubation grants** from both national and international sources.

Reasons to Invest

- Pioneering Solution in Building Safety Assessment at Global Scale
- Growing Market Demand Due to Natural and Man-Made Disaster Risks in Urban Areas
- Diverse Market Application from Individuals to Professionals and Corporates

Support Received

HELMHOLTZ
Enterprise
22.500 EURO

İTÜÇEKİRDEK
Incubation
Center

TÜBİTAK
TEYDEB
1.600.000 TL

Contact

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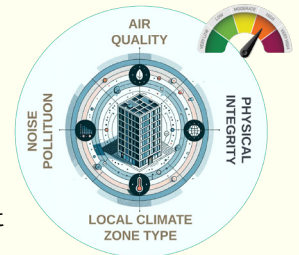**Website:** https://www.sensed.ai

Problem

Over one-third of **buildings** in Europe and Turkey are **at risk** due to natural disasters, rapid urbanization, and climate change, posing a threat to the **physical** and **environmental safety of the structures.** Often, residents only become aware of these issues when it is too late, or after the **remediation costs** have significantly **escalated.**

Solution

Continuous monitoring of buildings at scale via remote sensing and AI enables early detection of potential risks, substantially reducing the time and cost compared to traditional methods. This approach is not only **faster** and more **efficient** but also more **accessible**, making it a **game-changer** in **urban safety** and **sustainability**. It empowers every resident with the insights for making well-informed decisions about their living quality.

AIR QUALITY

PHYSICAL INTEGRITY

NOISE POLLUTION

LOCAL CLIMATE ZONE TYPE

Target Market

Client Volume:

220 M houses in EU

23 M houses in TR

Individual Users:
- Homeowners/Residents
- People considering relocation or moving

Professional Users:
- Real Estate Valuation Experts
- Construction and Repair Service Providers

Corporate Users:
- Insurance Agencies and Credit Institutions
- Governments and Municipalities

Revenue Stream

- **Single Report Generations:** Aimed at homeowners, renters, and potential buyers, offering one-time building risk assessments.
- **Monitoring Subscriptions:** Ongoing health monitoring of buildings, including access to historical comparison and regular updates.
- **Bulk Reporting Credit Sales:** Designed for real estate and insurance professionals who require frequent, detailed structural analyses and property valuations.
- **Custom API Integration:** Offers tailored solutions for entities, incorporating our analytics and decision support engines into their systems.

Our Team

Dr. Rıdvan S. Kuzu
Boğaziçi Uni.
Remote Sensing and AI Tech. Lead

Emre Dirican
Bilkent Uni.
Software Development Lead

Emre Zinal
ODTÜ METU
Full-stack Software Developer

Zeynep Oba
UDK Berlin
Architect UI/UX Designer

Milestones

Scientific Proof of Concept (PoC) — 100%

PoC Demonstration to Early Users in Rome / Italy — 100%

Minimum Viable Product (MVP) with Friendly User Interface — 50%

Corporate & NGO Stakeholder Engagement — 20%

Piloting the MVP in 8 European and 2 Turkish Cities — 0%