# OPENGOV 2026 IDEATHON

## RentOra (European Housing Crisis):

Team Members:
Aaryan Fernandes, Aikaterini Emmanouela Mitsiou, Ioannis Bourmpoulas, Dino Girardi

# *Slide 1:* Idea Description

## The Problem

- Lack of transparency in the European rental market.
- Inconsistent rental prices across different regions.
- Fake or misleading property listings.
- Difficult verification of property information.
- Time and money wasted on unnecessary property visits.
- Limited access to real-time housing data for governments.
- Difficulty monitoring housing affordability and market trends.

## Our Solution : RentOra

- A European digital platform for verified rental properties.
- Mandatory registration of every rental property.
- Verified landlords through identity verification.
- Property listings include:
  - Description
  - Photos
  - Legal documentation
  - 360° Virtual Reality (VR) tours
- Citizens can explore properties remotely before visiting.
- AI compares rental prices with similar properties in the same region.
- Official Open Government Data improves transparency and market monitoring.

# *Slide 2:* Information Sources

## Official Open Data Sources

- National Land Registry (Cadastre)
- Municipal Housing Registries
- Regional Housing Authorities
- National Statistical Authorities
- Eurostat Housing Statistics
- Open Government Data Portals - European Data Spaces
- Energy Performance Certificate (EPC) databases
- Building Permit & Zoning Information

## Platform Data

- Verified landlord information
- Property descriptions
- Property images
- VR property tours
- Rental prices
- Anonymous platform usage statistics

## Why These Data?

- Verify property ownership and information.
- Compare rental prices with official regional averages.
- Detect abnormal pricing patterns.
- Monitor housing market trends.
- Support evidence-based housing policies.
- Increase transparency across Europe.

# *Slide 3:* Proposal Description

## Platform Features

- Verified landlord registration.
- Verified property registration.
- Mandatory property documentation.
- AI-assisted rental price analysis.
- 360° Virtual Reality property tours.
- Digital rental agreements.
- Fraud detection mechanisms.
- Public transparency dashboards.
- Housing market analytics for governments.
- Cross-border compatibility across EU Member States.

## Policy Recommendation

- Create a unified European rental platform.
- Standardise rental information across Member States.
- Increase housing market transparency.
- Support fair rental pricing.
- Improve policy making through Open Government Data.
- Encourage digital transformation in the housing sector.

## Legislative Framework

- GDPR compliance
- AI Act compliance
- Open Data Directive compliance
- DGA (Data Governance Act) compliance (Data Sapces)
- National and Regional Municipal housing legislation and policies
- Cybersecurity compliance (NIS2 Directive)
- Secure cloud infrastructure compliant with EU regulations.

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# *Slide 4* Impact

## For Citizens

- Faster property search.
- Verified property information.
- Remote VR home visits.
- Reduced fraud.
- Better pricing transparency.
- Greater trust in rental transactions.

## For Governments

- Real-time housing market monitoring.
- Better evidence-based policy making.
- Detection of abnormal rental prices.
- Improved housing affordability analysis.
- More effective use of Open Government Data.

## For Landlords

- Trusted and verified listings.
- Increased visibility.
- Faster rental process.
- Fewer unnecessary property visits.
- Improved communication with tenants.

## For the European Union

- Supports the Digital Europe Programme.
- Encourages Open Government initiatives.
- Promotes Smart Cities development.
- Improves transparency across Member States.
- Strengthens trust in digital public services.
- Contributes to a fairer and more sustainable European housing market.

***Thank you!***