



# ODYSSEUS

## Unobtrusive Technologies for Secure and Seamless Border Crossing for Travel Facilitation

### Lessons Learned from the ODYSSEUS Pilots

Insights and takeaways from real-world testing of ODYSSEUS framework.

Through **three large-scale pilots across Europe** — road, rail, and sea — **ODYSSEUS validated an innovative solution designed to make border crossings more secure and seamless.** The pilot phase provided valuable lessons on collaboration, technology deployment, and user engagement — critical to ensuring real-world impact.

#### Pilot Definition

01



#### Planning

02



#### Implementation

03



#### Demonstration

04



#### Evaluation

05



#### Understanding and Communication are Key

- Early comprehension of technologies by end-users ensures smoother implementation.
- Clear definition of pilot limitations and regulatory frameworks enables effective planning.
- *Early alignment among partners builds shared vision and realistic expectations.*

#### Strong coordination leads to efficient execution

- Anticipating logistical and infrastructure barriers avoids costly setbacks.
- Translating use cases into operational plans strengthens collaboration.
- *Early stakeholder engagement builds ownership and acceptance.*

#### Testing, Adapting, and Training Matter

- Diverse environments require adjustments in scenarios and components.
- Hands-on workshops and training sessions prepare end-users for real operations.
- *Feedback loops ensure reliability.*

#### Real-World Execution Builds Insights

- On-site pilots reveal practical challenges and generate valuable feedback.
- Flexibility in scheduling and planning mitigates external disruptions.
- *Active stakeholder engagement guarantees success.*

#### Measurement Strengthens Impact

- User experience and ethics surveys enhance transparency and acceptance.
- Well-defined KPIs ensure accountability and performance tracking.
- *Evaluation transforms lessons into best practices.*

#### Key Takeaway

A collaborative, user-centred approach — grounded in clear communication, iterative feedback, and proper training — is vital to maximise the real-world impact of ODYSSEUS innovations.

#### Project Facts

**Duration:** 36 months

**Start Date:** 1st January 2023

**End Date:** 31st December 2025

**Total cost:** € 4,600,089.29

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#### PILOTS

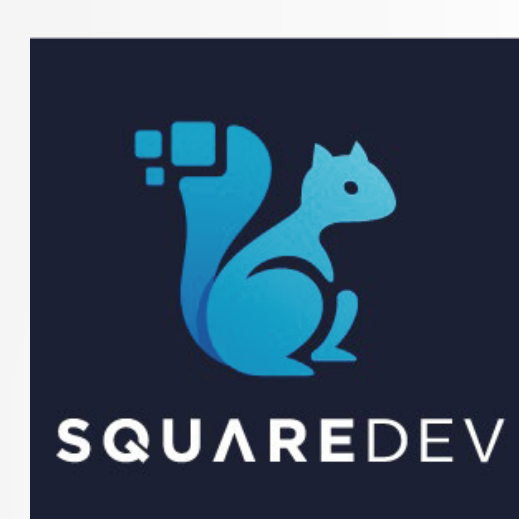
##### TRAIN

##### LAND

##### WATER



#### Consortium



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