Passenger mobility at future border checks

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Challenges in EU border control

- **Increasing passenger flows** at Schengen and non-Schengen borders
- **Easier access** for EU citizens and frequent travellers
- **Enhanced border check** and security control (less errors, more efficient...)
- **Use of biometric technologies** to identify travellers (ethics, privacy, data protection, acceptance, acceptability...)
- **Increase of automation** in border control (self-service through kiosks, e-Gates...)
Europe’s Vision of Border Control

EU “Smart Borders”

• the EC wants easier access and enhanced security by 2020

Smart Border Initiative

• EES – Entry / Exit System
• RTP – Registered Travellers Programme
(BOrdDErGuArd): Proactive Enhancement of Human Performance in Border Control

- H2020
- Time frame: 01/06/2015 – 01/06/2018
- Budget: 5 M€
- Coordinator: VTT, Finland

www.bodega-project.eu
Consortium

14 partners from 7 countries

UIC as rail end-users representative
Integrative approach

• Aim: to enhance the border control efficiency without side effects to the end users

• All transport modes: land, air, and maritime

• Travelling experience: waiting time, privacy, acceptability, etc.

• Recommendations for future “Smart Borders” (Schengen Area)
Objectives (1)

- Developing an **integrative approach** with ethical, societal and legal considerations into a set of human, organisational and technical factors

- Constructing a **greater understanding** of border guard’s work and border control (future smart borders)

- Gathering **new knowledge** about psychological and organisational aspects
Objectives (2)

- Designing and developing **new guidelines**, recommendations and specifications

- Developing and validating a useful **PROPER toolbox**
Field studies (1)

Athens, Rhodos & Thessaloniki airport
Vienna airport
Brussels airport (Charleroi)
Rome airport (Fiumicino)

Rhodos seaport (Greece)
Ostande, Zeebruges or Nieuport seaport (Belgium)

Brussels Midi – Channel Terminal
Exit Schengen border point (BE & UK border)

Poland – Belarus
Exit Schengen border point

Greece (Kakavia)
Poland – Belarus
Romania?
Entry / Exit Schengen border point
Field studies (2)

Who participates?

• Border guards working at external Schengen Area borders
• Managers, trainers and top managers of border guards
• Security staff involved in the border control process
• European and non-European travellers over 18 years old

What?

Common methodology:

• systematic observations
• interviews
• short surveys

Parallel periodic end-user workshops
Expected results

• Improving the effectiveness of EU border control

• Contributing to the implementation of the “Smart Borders” Initiative (and future regulation) regarding to organisational and Human Factors

• Improving the efficiency and attractiveness of transport by facilitating the flow and border checks of regular travellers

• Reinforcing checks while speeding up border crossing for regular travelers

• Optimizing procedures and enhancing the security at the moment of the crossing of the EU external borders

• Proactively target the needs and requirements of users, such as border management decision-makers, border guards and citizens (regular travellers)
Further information

Project webpage

http://www.bodega-project.eu/

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