



Δημοτικό Λιμενικό  
Ταμείο Μυκόνου

# Mykonos' Ports EU FastPass Project IISA 2014 – Chania

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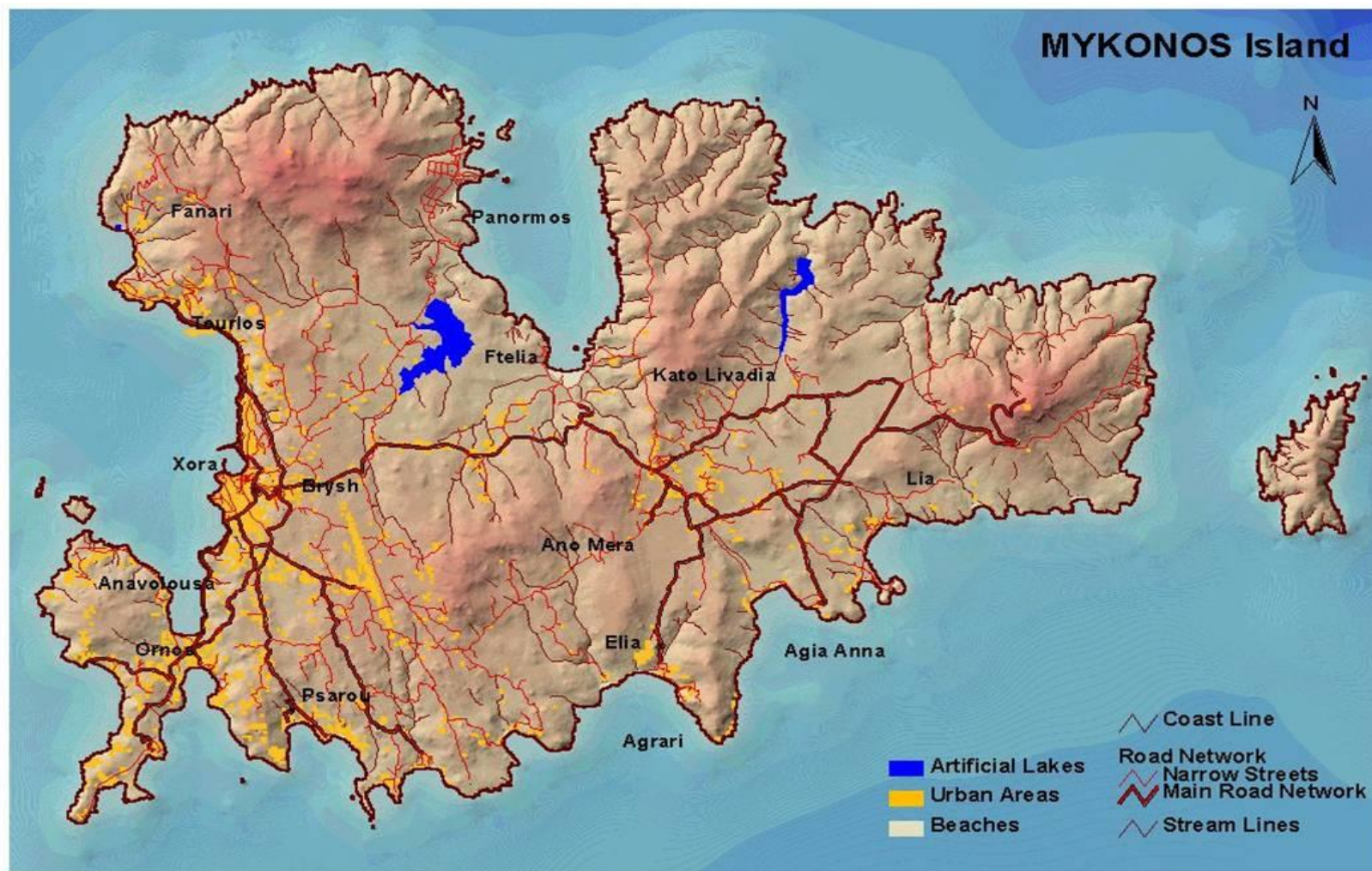
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# Main Infrastructure Projects

*“Public work is what makes the Municipality for the citizens”*

In Mykonos there were materialized the last twenty four (24) years a line from public works of infrastructure that concern the service of local society and Tourism, in the protection of Environment and in the guarantee of natural resources of region.

## ■ Transportation Projects

- New Harbor of Tourlos,
- Airport's corridor Extension and New Passengers Terminal
- New Regional Road

## ■ Hydraulics Projects

- Water supply of Sewerage, Biological Cleaning, Two Dams, Two units of Desalination.



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## New Port of Tourlos

- The most important strategically project of infrastructure
- Proposed by the Study on Mykonos of the National Bank of Industrial Development (E.T.B.A) (1993),
- Today we are on 5<sup>th</sup> phase, building and parking construction by the Ministry of Environment Planning And Public Works
- 1<sup>st</sup> phase started 1994 completed 1999 Budget 17,5 mil. Euros
- 2<sup>nd</sup> Phase completed 2002 Budget 16 mil €
- 3<sup>rd</sup> Phase completed 2010 Budget 20 mil €
- 4<sup>th</sup> phase completed 2014 Budget 8 mil. €



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## Mykonos Old Port

- Complex and multiple useful project
  - Fishermen shelter
  - Parking
  - Public and Private Services (Port Authority, Passenger Terminal, Fire Service, etc).
- Construction on the embankments - north by the old harbour
- Budget 9,5 mil. EUROS.



Διαμόρφωση νησίδας 560 θέσεων χώρων στάθμευσης – Δημιουργία κυκλικού χώρου στάθμευσης για τις ανάγκες του λιμένος – Δημιουργία αλιευτικού καταφυγίου – Κανάλι – Χωροθέτηση επιβατικού σταθμού, ιχθυόσκαλα, κτίριου Ναυτικού Ομίλου Μυκόνου, ανακαίνιση του υπάρχοντος κτίριου Σφαγείου σε Mini Market – Χωροθέτηση κτίριου απορρόφησης απορριμμάτων.



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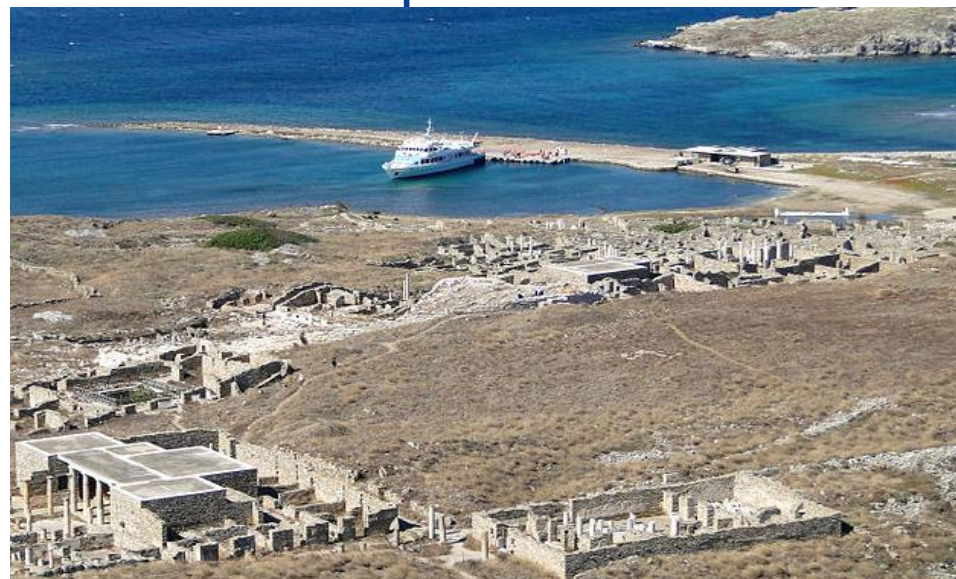


## Mykonos Old Port (2)





# Delos Island Port Interface The Island of Ancient God Apollon



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## Mykonos Ports & Border Control Statistics

Mykonos Ports Statistics								
	2005	2006	2007	2008	2009	2010	2011	2012
<b>Cruise Ships Arrivals</b>	260	420	539	713	625	594	684	585
<b>Cruise Ships' Passengers No</b>			550.000	619.579	756.589	663.371	782.365	657.511
<b>Ferries Passengers No.</b>				899.938	942.589	772.149	1.002.103	849.977

- **109,634** Schengen State Citizens
- **186,519** Non Schengen State Citizens have been checked on Mykonos Borders
- **4** Rejected

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## Statistics on Hellenic Borders Control 2008 based on questionnaire's answers EU Council 15 Jun 2009

- Greece **registers the number of entries/exits** at border crossing points (Article 7(2) of SBC)
- Border controls are carried out by **5,500 border guards** and **1,500 police officers**.
- **7,341,654** third country nationals **entered** our country during 2008
- **6,450,313** third country nationals **exited** our country during 2008
- **16,554,415** Community citizens **entered** our country during 2008.  
(Community citizens only. There are no statistics on their family members)
- **16,799,807** Community citizens **exited** our country during 2008
- The **average time** taken to perform an **entry check**
  - on 3<sup>rd</sup> country nationals is **15 seconds** for those not subject to the visa requirement and
  - **20 seconds** for visa holders.
  - Entry checks on EU nationals takes **10 seconds**.

## Statistics on Hellenic Borders Control 2008 (2) based on questionnaire's answers EU Council 15 Jun 2009

- The **average time** taken to perform an **exit check**
  - **10 seconds** for 3<sup>rd</sup> country nationals and
  - **5 seconds** for EU nationals
- **11,464 aliens overstayed** the legally authorized period (at border entry/exit points). No statistics on those detected within the territory.
- **Administrative fines** ranging from 600 to 1,200 euro are imposed, on overstayer detected at exit.
- **Purposes of storing data** in the entry/exit system is Analysis of travel movements, in particular **tourist travel**.
- The **added value** of the entry/exit system:
  - Clear record of **travel movements** from and to Greece
  - **Helps investigations** from the point of view of **security**
- All 3<sup>rd</sup> **country** nationals' **entries** and **exists** are recorded
- **Data stored** into a database using **automatically** and **manually** methods

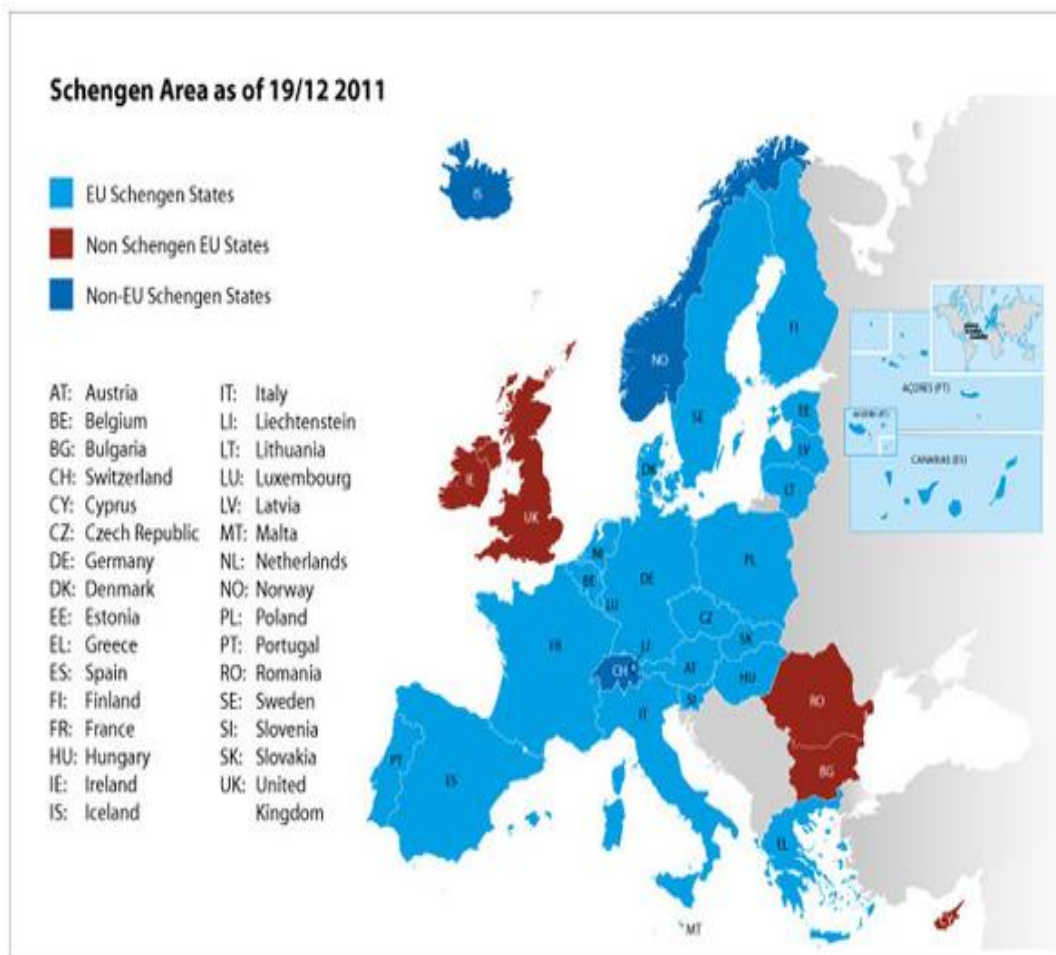


## Statistics on Hellenic Borders Control 2008 (3) based on questionnaire's answers EU Council 15 Jun 2009

- The **Hellenic Police / Aliens Division** of the Hellenic Police Headquarters has **direct access** to the entry/exit data
- **Other authorities** can have access to data stored on **approval** of the Aliens Division
- The alphanumeric data stored is:
  - **Name & Surname, Passport No, Nationality, Date of entry/exit, Country of departure/destination, Number of officer** performing check & border **crossing point** at which check was carried out
- The **search procedure** is based on the Passport No, Name and Surname, Date of entry or exit and Border crossing point
- The **data is stored** for 10 years
- The system complies with **general data protection standards** because it is approved by National Authority for the protection of personal data

## Greece – Schengen Area – EU Regulations

- **Greece is 1/26 states** of Schengen Area since 6 November 1992
- **Implementation** of Schengen Code on Greek borders **26 March 2000**
- Greece as an EU State Member applies Regulation (EC) **No 562/2006**
- **Internal Borders**
  - No Check, Irrespective of nationality (Art. 22 Schengen Border Code)
  - Security Control is permitted by carrier (Art. 21 SBC)





# FastPass

## What is FastPass ?

FastPass develops:

- a harmonized, modular reference system for all automated border crossing points
- by an user-centric approach and
- eventually serves as an industry standard for the implementation of ABC

# Motivation

## Challenges :

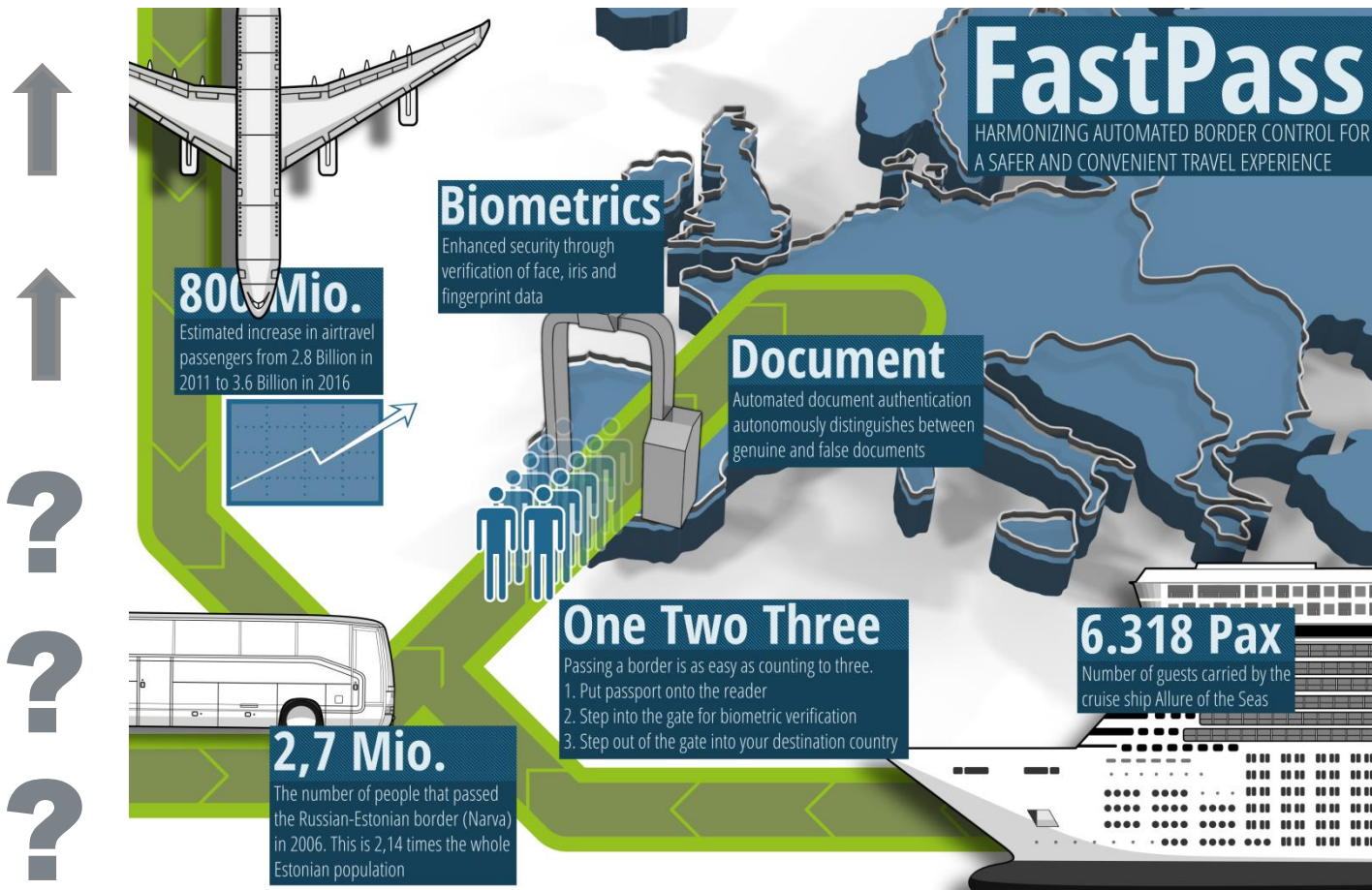
Passenger flow

Requirements on  
the border control  
process

System risk  
assessment

Harmonization

Variety in usage

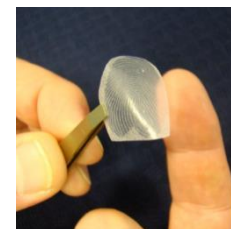
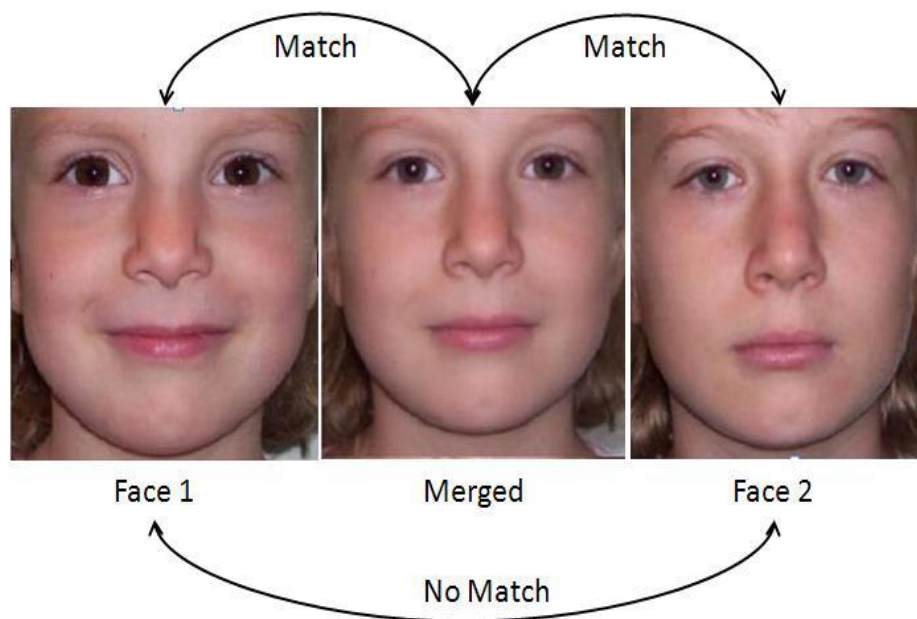


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## Why do we need research on ABC?

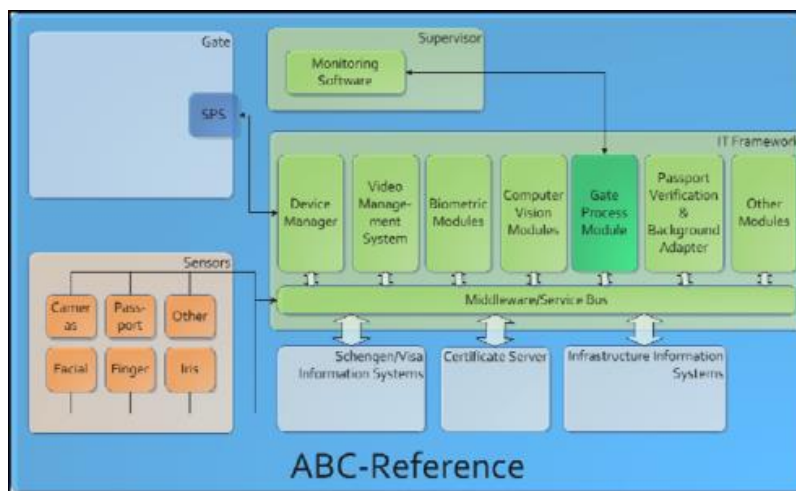
- **Current systems have not been security evaluated**
  - Passport security features are only partially checked
  - Biometric spoofing is not fully addressed
  - Passport document lifecycle is not fully addressed



## Why do we need research on ABC ?

### ■ Current systems are limited

- No usage by third country nationals
- No usage by frequent travellers
- No usage beyond air travel
- No or weak integration into infrastructure processes





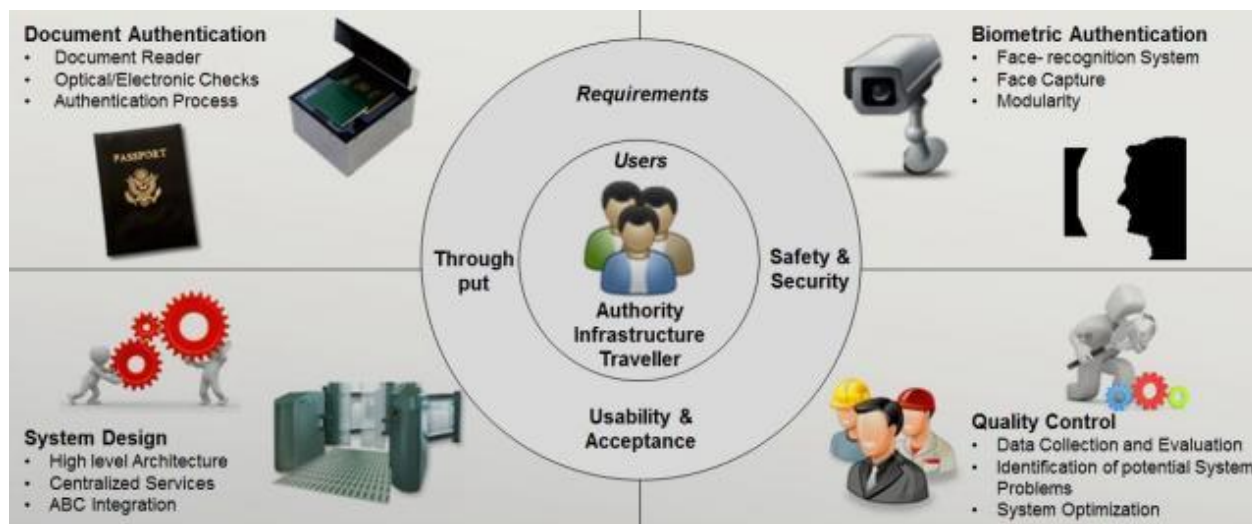
## Why do we need research on ABC ?

- **Current systems are not developed around the user**
  - No harmonized usage
  - No customer interaction and satisfaction management
  - Human factors are not analyzed and considered
  - Privacy issues are not properly addressed



## The FastPass Project

- Project start: 1.1.2013
- Project duration: 4 years
- Funding: EU FP-7 Security
- Coordinator: AIT Austrian Institute of Technology
- Further info: [www.fastpass-project.eu](http://www.fastpass-project.eu)

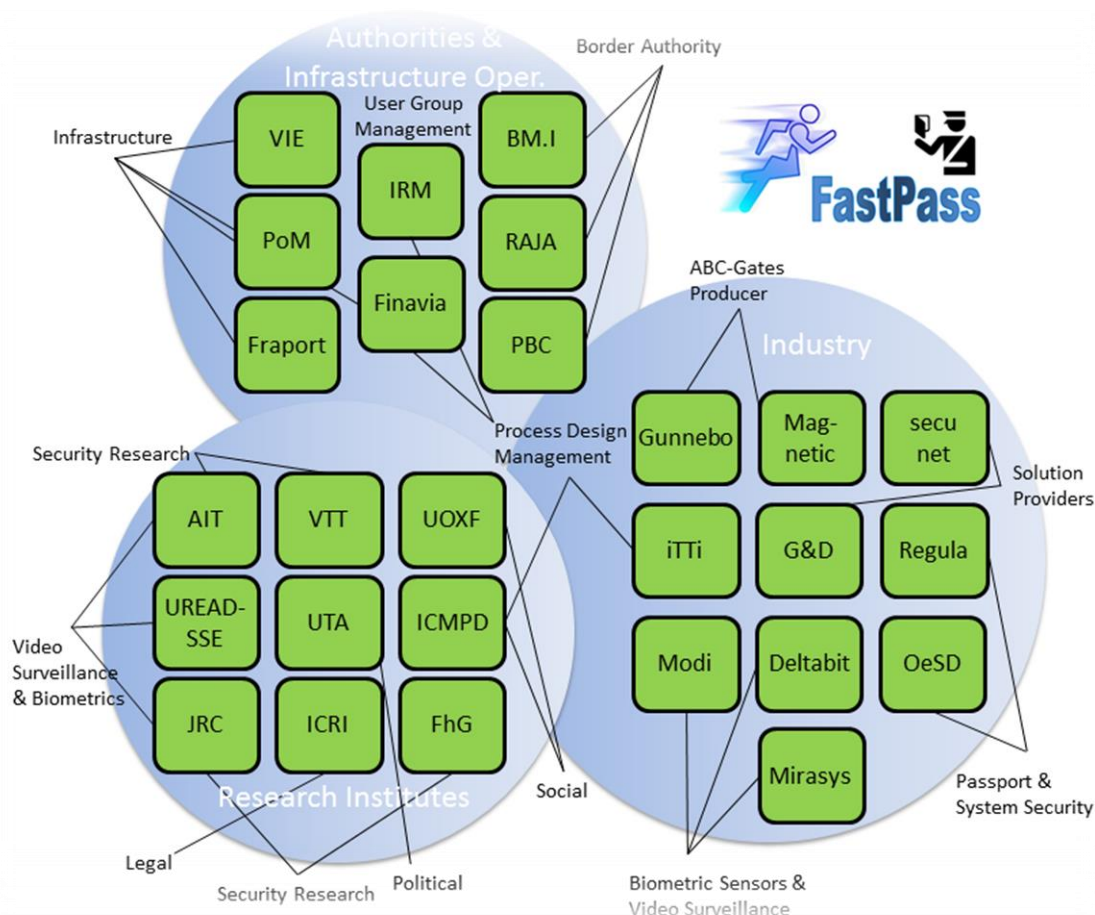


**Key element:** The users are in the center of innovation!

# FastPass Consortium

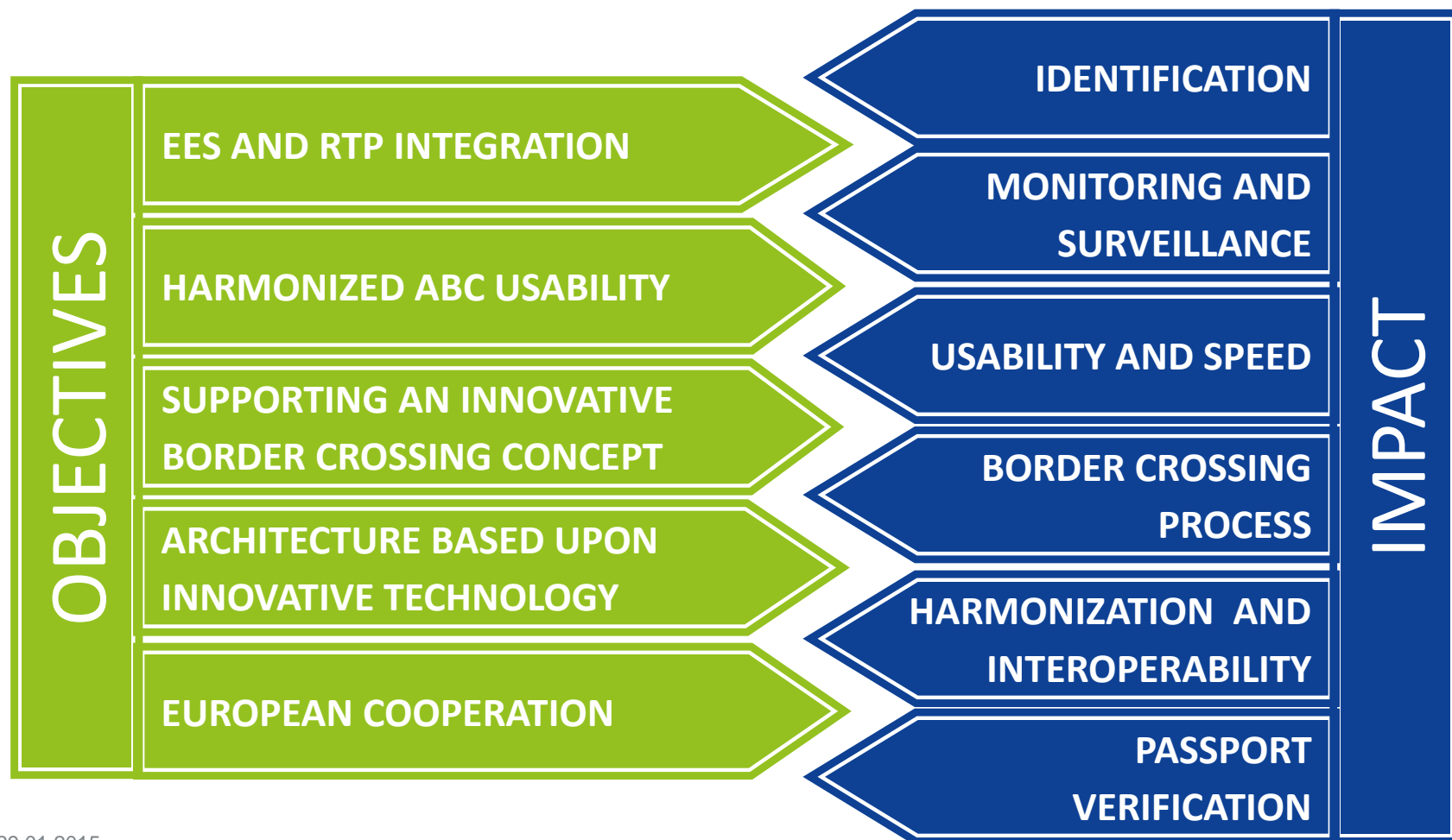
27 partners:

- 3 border authorities
- 4 infrastructure operators
- 11 industry partners
- 5 applied research centers
- 4 universities





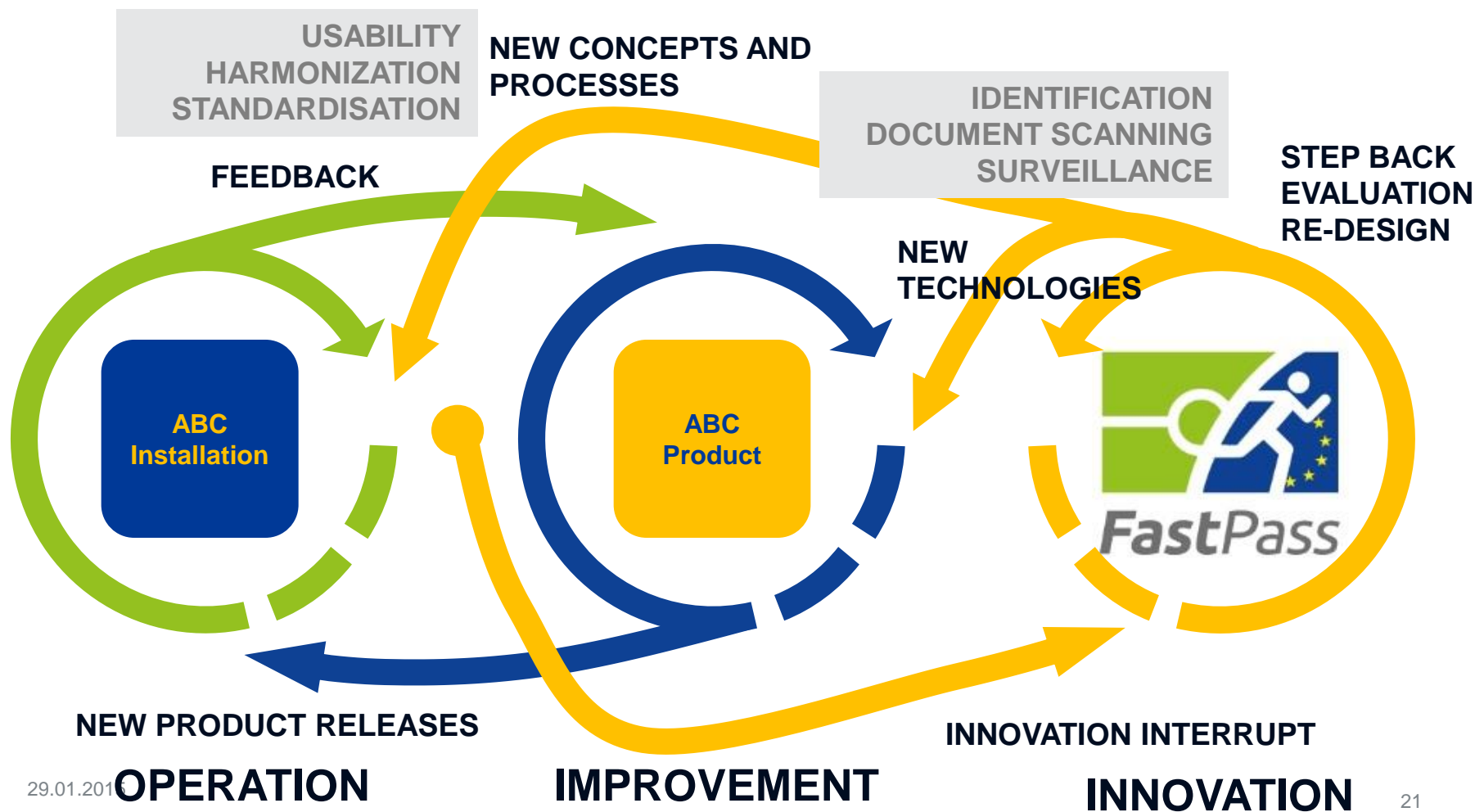
# FastPass Objectives



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## Science to solution – Expected outcome



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# Fast-Pass

Mykonos is working on Sea Border Scenario

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## Assets

- Visa Information System\*
  - 10 fingerprints
  - Facial Image
- Schengen Information System
  - It holds information on persons who may have been involved in a serious crime or may not have the right to enter or stay in the EU
- e-Machine Readable Travel Documents
  - Biographic Data (MRZ Data-Group 01 – ICAO Doc 9303)\*\*
  - Digital Photo (Data-Group 02 – ICAO Doc 9303)\*\*
  - Fingerprints (Data-Group 03 – ICAO Doc 9303)\*\*\*
  - Iris (Data-Group 04 – ICAO Doc 9303)\*\*\*
- e-Gate
  - Live-scan (fingerprint reader)
  - Camera (face capture)
  - e-MRTD reader

\* Visa-exempts are not included.

Council Regulation (EC) No 574/1999 of 12 March 1999 determining the Non-EU Member Countries whose nationals must be in possession of visas when crossing the external borders of the Member States

\*\* Basic Access Control

\*\*\* Extended Access Control

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## Scenario Steps

- A cruise ship comes from a port situated in a third country and calls for the first time at a port situated in the territory of a Member State
  - The cruise ship captain or the ship-owners agent shall **transmit nominal list** with of crew and passengers
  - The competent authorities are **checking nominal lists against SIS II, VIS and National Database Systems**
  - Fast-Pass is being synchronized with VIS for VH (Facial Image included).
  - The competent authorities replies to cruise ship with a **nominal list of the passengers who need to be registered to the FAST-PASS system** (VISA-exempts).
  - All EU and TCN's who are **VISA-holders** or **are already registered in Fast-Pass** shall disembark from the ship at once and shall pass through e-Gates using their fingerprint/or via facial capture. Their fingerprint shall be checked against V.I.S. system. Facial against Fast-Pass
  - A separate line shall serve the **TCN's who need to be registered** (VISA exempts).
    - Registration process shall include
      - 2,8 or 10 fingerprints and/or facial capture using the Live Scans, as well as
      - the MRZ data set (this procedure in most cases will be performed at the airports).
      - The retention period will be active for all the demo period.

## Step 1: Nominal List Transmission

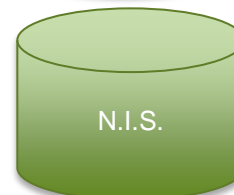
The cruise ship captain or the ship-owners agent shall **transmit nominal list** with of crew and passengers





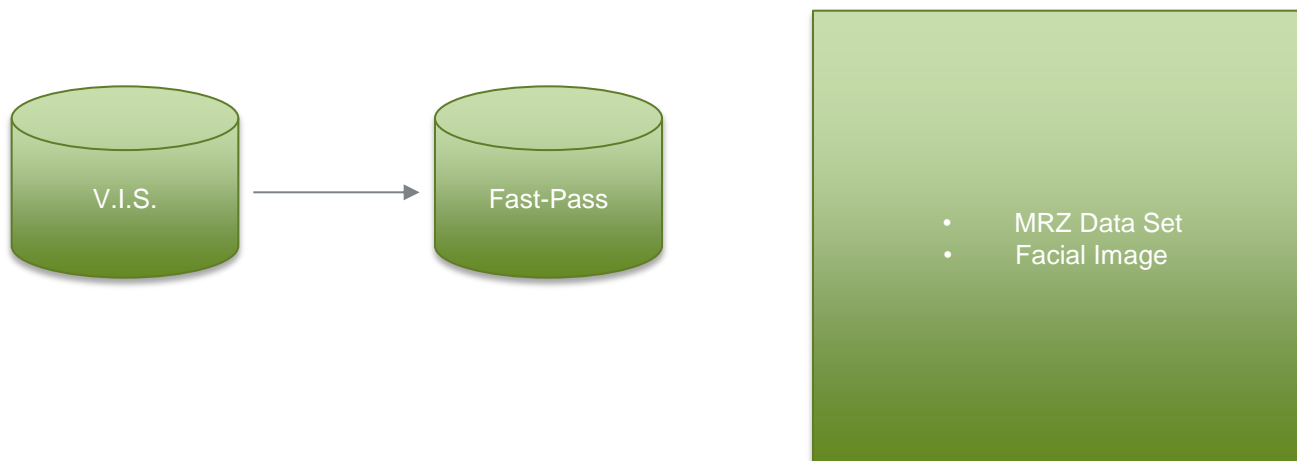
## Step 2: VIS, SIS, NIS Check

The competent authorities are **checking nominal lists against SIS II, VIS and National Database Systems**



## Step 2A: VIS, SIS, NIS Check

VH data (except fingerprints) from V.I.S. are being replicated to the Fast-Pass Database.



## Step 3: Who needs to be Registered

The competent authorities replies to cruise ship with a **nominal list of the passengers who need to be registered to the FAST-PASS system** (VISA-exempts).





## Step 4: Fingerprint e-Gates

- All TCN's who are **VISA-holders** or are **already registered in Fast-Pass** shall disembark from the ship at once and shall pass through e-Gates using their fingerprint. **Their fingerprint and/or Facial Image shall be checked against V.I.S. system or Fast-Pass accordingly.**
- EU citizens shall use **their passport** to pass the gates.



## Step 5: Registration

- A separate line shall serve the **TCN's who need to be registered**
- Registration process shall include
  - 2,8 or 10 fingerprints capture using the Live Scans, as well as
  - the MRZ data set  
*(this procedure in most cases will be performed at the airports).*
  - The retention period will be active for all the demo period.



## Focus on Continuous Improvement



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Thank you for your attention

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