

Logos



Figure 1 ABC4EU logo



Figure 2 ABC4EU Logo in black and white

Poster



Automated Border Control Gates for Europe

Did you know that...
 all the European Automated
 Border Control systems
 are different?
We aim to harmonise them.

Harmonisation

- Uniform ABC gate model across Europe
- Establish one system, know how to use it
- Shorter queuing time

Third-Country Nationals

- Equal treatment for all Third-Country Nationals
- Better travelling experience
- Easier border control process

Smart Borders

- Possibility to use the ABC gates for all holding an ePassport
- Safe to travel
- Effective prevention of cross-border crime
















www.abc4eu.com

www.forum.abc4eu.com

Figure 3 ABC4EU Poster

Roll-Up

Figure 5 Roll up created for pilots in Barajas airport

Figure 6 ABC4EU roll-up for general use

Figure 4 ABC4EU roll-up for pilots

Leaflet

ABC 4EU AUTOMATED BORDER CONTROL GATES FOR EUROPE

DID YOU KNOW?

- ▶ THE NUMBER OF BORDER CROSSING IN THE EUROPEAN BORDERS IS INCREASING EACH YEAR DUE TO RAISING TRAVEL
- It is estimated that there will be an **80 % increase** of border crossing in schengen borders by 2030.
- ▶ AT THE MOMENT THE AUTOMATED BORDER CONTROL (ABC) SYSTEMS CAN BE ONLY USED BY PASSENGERS WITH EU AND SCHENGEN EPASSPORTS.
- ▶ IN THE FUTURE TOGETHER WITH COMPLEMENTARY LEGISLATION, THIRD COUNTRY NATIONALS ARE ALSO ALLOWED TO USE THE ABC GATES.
- ▶ THE ABC GATE COMPARES THE BIOMETRIC DATA FROM THE PASSPORT ONTO THE REAL-LIFE EQUIVALENT.

BENEFITS OF AUTOMATED BORDER CHECK

- ▶ ePassport and eID
- ▶ Unbiased at all times
- ▶ Good for frequent travellers
- ▶ Accepts EU & Non-EU passports
- ▶ Continuous quality
- ▶ Speed
- ▶ Self-service

Figure 7 Leaflet front page

ABC4EU (Automated Border Control Gates for Europe) is a 4 year, EU Framework Programme 7 (FP7) Project that began in January 2014. The aim of ABC4EU is to make border checks more flexible and user-friendly for passengers by harmonising the functionalities of border check automation. ABC gates facilitate more fluent travelling by shortening queuing time. Harmonisation should affect many functionalities, biometrics, gate design and the border check process itself.

One of the main objectives of the project is to update and integrate current ABC systems and extend their use to future ePassports.

EXPECTED OUTCOMES

As the pilots start the research results and frameworks will be transferred into practice. The pilot phase will collect experiences, and the project will end up with a fully functioning new system. In the first phase the prototypes will be field-tested. The pilots will set the basis for the ABC gates of the future EU and Schengen borders.

THUS FAR

Several guiding frameworks have been created to integrate privacy, security and usability into the new technology, and to develop a harmonised state-of-the-art solution across the EU and Schengen border crossing points.

Legal, social, ethical and requirements frameworks. Workflow design.

2014

2015

2016

2017

2018

Proof of concept pilot at the Madrid Airport, Spain

ABC4EU deployed the entry/exit system and the ABC gate to Lisbon airport. They simulated the border check process of third country nationals travelling through the external borders in the Schengen area the same way as border authorities would perform manually. Lisbon pilot also tested the special features of the systems as the hardware adjusted their height based on each traveller and also gave the possibility to proceed crossing the border in 17 different languages.

The ABC4EU pilots provided additional knowledge how the border guards and the travellers experience the new functions in the border crossing points. The lessons learnt on the new technology help pave the way for providing the optimal solution in the future.

Testing of the final integrated prototype at the land border in Calafat, Romania

End-users will be included into the process with different functions, i.e. discussions, seminars and working groups. We will be collecting feedback from the passengers, border authorities and terminal operators.

Common conclusions, recommendations and the final conference

Proof of concept pilot at the Lisbon Airport, Portugal

ABC4EU project deployed two ABC concepts to the international Madrid-Barajas airport: -The entry/exit system and the ABC gate, automated the border check process for the third country nationals travelling through the external borders of the Schengen area. -The National Facilitation Program system and the mobile device simulated the frequent traveller facilitation programme at an embassy or consulate, the mobile device for fully validating the e-passport, the biometric identity and traveller clearance by a border guard.

Testing of the final integrated prototype in Lisbon Airport, Portugal

Testing of the final integrated prototype in the Port of Algeciras, Spain

The mobile system, the ABC gate along with the entry/exit system and the National Facilitation Program were piloted at the Port of Algeciras, Spain.

Should you be interested in participating in the discussion as an end-user (traveller, border authority, other stakeholder, member of the academia, policymaker, industry), please see our web pages www.abc4eu.com.

CONSORTIUM:

ABC4EU-Project @ABC4EU ABC4EU

Figure 8 Leaflet second and third pages

www.abc4eu.com
www.forum.abc4eu.com

ABC 4EU

This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no 312797

Figure 9 Leaflet last page

Flyer



The flyer features a background image of a suitcase and a person's hand at an airport. A white curved banner is overlaid on the image. At the top left of the banner is the ABC4EU logo, which consists of the letters 'ABC' in a blue box, a yellow stylized '4' with a circle inside, and 'EU' in a blue box. To the right of the logo is the text 'Automated Border Control Gates for Europe'. Below the logo and text, the main message is written in a clean, sans-serif font. The text is: 'Did you know that...' followed by 'all the European Automated Border Control systems are different?' and 'We aim to harmonise them.' Below this, it says 'And in order to do so, we need your help!' and 'For more information please visit www.abc4eu.com'. In the bottom right corner of the flyer, there is a small European Union flag and a line of fine print: 'This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no 312797.'

ABC4EU Automated Border Control Gates for Europe

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And in order to do so, we need your help!
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Figure 10 ABC4EU Flyer

Marketing Materials



Figure 11 Marketing materials: Luggage tag, show bag & liquid bottles