ABC Gates for Europe *The European project that will enhance automated border control systems*	• The R&D initiative driven by the European Commission has been allocated a budget of €16.8 M • Consortium of 15 partners from 8 countries will work together to harmonize these systems, that have been deployed in the main European airports • The aim is to integrate and improve current Automated Border Control Gates and extend their use to passengers from non EU countries

ABC4EU (Automated Border Control Gates for Europe) enhances the automated border control systems that European passengers can currently find at the largest international airports. So far, the need for harmonized approach has been acknowledged as the most urgent challenge. The ABC4EU consortium assesses the feasibility of integrating the systems with future registers so that every traveller, including third country nationals, will have an equal opportunity to automated border gates.

In its first year, the ABC4EU project has developed social, ethical and legal frameworks for the development of ABC gates. This has involved assembling a legal handbook, reviewing existing ABC/EES/RTP systems in Europe and around the world, addressing the potential externalities of border management, and working to develop a practical methodology for societal impact assessment. Going forward, this methodology will embed desirability, acceptability, ethics, and data management concerns into the design and engineering of ABC gates to ensure that the harmonized system satisfies the needs of all actors.

ABC systems harmonization needs the common understanding of specific needs related to technical and functional requirements. The ABC4EU project was provided with a set of common functional requirements from the End User perspective, which not only provides an adequate framework for the lifecycle of the project, but also serves as a baseline for harmonization and standardization. In addition, ABC4EU has assessed the state-of-art of technology. It has evaluated the impact of the integration of current initiatives and processes, as well as analysed the impact of external systems. ABC4EU has gathered and drawn from the practical experiences and lessons learned from already deployed ABC systems.

The ABC processes and workflow design aims to provide recommendations regarding harmonization of ABC systems, in terms of facilitating its use to travellers, speeding up passenger flows and optimizing solutions for the deployment and configuration of ABC gates in Europe. These recommendations will follow the earlier methodology and guidelines provided during the ABC4EU initiative.

More info: www.abc4eu.com @**ABC4EU**

ABC4EU is Consortium cooperation between 15 partners from Spain, Ireland, Finland, Portugal, Germany, Romania and Estonia. The consortium, led by technological and consulting Indra, is formed by Pricewaterhouse Coopers, Vision-Box, Laurea University of Applied Sciences, Eticas Research & Consulting, CIES, Dermalog, Cognitec, Universidad Rey Juan Carlos, Università Degli Studi Di Milano, Safe ID, Cuerpo Nacional de Policía, Serviço de Estrangeiros E Fronteiras, Estonian Police and Border Guard Board, and the General Directorate on Communication and Information Technology (Romanian Ministry of Administration and Interior).

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