



Privacy, Ethical,  
Regulatory and SOcial  
No-gate crossing point  
solutions Acceptance

## Project overview

A general introduction to PERSONA project

Last updated: 10/06/2020

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 787123.



# PERSONA Project



**Privacy, Ethical, Regulatory and SOcial  
No-gate crossing point solutions Acceptance**

Project start: 1 September 2018

Project finish: 28 February 2021

Duration: 30M

ID: SEC-18-BES-2017

Grant no.: 787123

Coordinator: VUB

# PERSONA Consortium

10 partners from 9 different countries



Queen Mary, University of London (QMUL)



Vrije Universiteit Brussel (VUB)



INOV Inesc Inovação (INOV)



Atos Spain S.A. (ATOS)



CyberEthicsLab.

Cyberethics Lab (CEL)



Peace Research Institute Oslo (PRIO)



Swedish Police Authority, National Forensic Centre (SPA)



Research Institutes of Sweden (RISE)

Ministry of Public Security

Israel National Police (MOPS-INP)

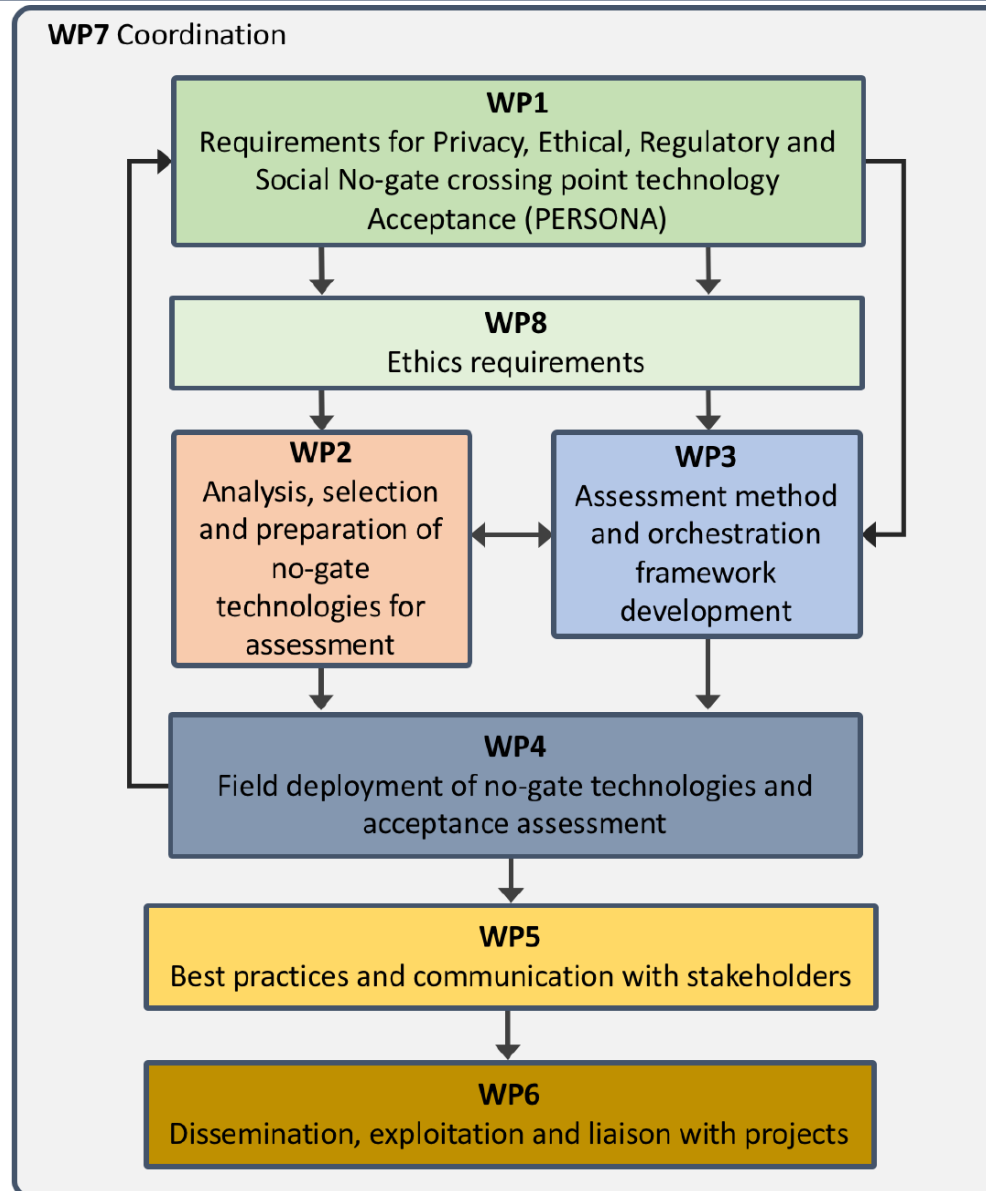


Ministry of Interior of the Republic of Serbia (SMOI)

# PERSONA Objectives

- to develop (and test) a tailored integrated Impact Assessment Method (IAM PERSONA)
- to ensure that IAM PERSONA can appropriately assess the ethical, legal and societal consequences of new technology for use in no-gate crossing point solutions
- to make IAM PERSONA available to border authorities in the shape of a textbook
- to enable LEAs in this way with a means
  - to evaluate social acceptance of state-of-the-art border crossing point solution technology
  - to assure, that border control respects democracy, the rule of law and fundamental human rights

# PERSONA Work Packages Overview



# PERSONA Time Line

	Year 1												Year 2												Year 3					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
WP1 Requirements for Privacy, Ethical, Regulatory and Social No-gate crossing point technolo																														
T1.1 Analysis of European studies and regulations				D1.1																										
T1.2 Use-cases and user requirements					D1.2																									
T1.3 Technical requirements of no-gate crossing point solutions																														
T1.4 Definition of PERSONA requirements												D1.3																		
T1.5 Monitoring of internal impacts of the project																														
T1.6 Identification and analysis of external risks																														D1.4
WP2: Analysis, selection and preparation of no-gate technologies for assessment																														
T2.1: Study and analysis of latest no-gate crossing point solutions											D2.1																			
T2.2: Verification scanners and smart sensors																								D2.2						
T2.3: Video analytics and data fusion for person																										D2.3				
T2.4: Security assessment and decision support systems																											D2.4			
T2.5: Systems for facilitation programmes																														
T2.6: Technical validation and testing																												D2.5		
WP3: Assessment method and orchestration framework development																														
T3.1 Research methodology for acceptance assessment												D3.1														D3.2				
T3.2 Criteria for user perception analysis																														
T3.3 Questionnaires and metrics development																														
T3.4 Orchestration plan and framework specification																														
T3.5 Development of orchestration framework																										D3.3				
WP4: Field deployment of no-gate technologies and acceptance assessment																														
T4.1 Test studies planning and preparation																				D4.1										
T4.2 Test studies of type (i) for no-gate technologies																												D4.2		
T4.3 Test study of type (ii) for no gate technologies																														
T4.4 Test study of type (ii) for no gate technologies																									D4.3					
T4.5 Data cleansing and management																														
WP5: Best practices and communication with stakeholders																														
T5.1 Creation of Advisory Boards																														
T5.2 Setting up network of stakeholders and communication tools													D5.1																	
T5.3 Contingency plan and treatment measures																														
T5.4 PERSONA textbook of acceptance of no-gate border security solutions																											D5.2			D5.3
T5.5 Communication of guidelines and best practices to stakeholders																														
WP6: Dissemination, exploitation and liaison with projects																														
T6.1 Dissemination planning					D6.1																									
T6.2 Dissemination implementation												D6.2													D6.3					D6.4
T6.3 Liaison with BES-15 and other relevant projects																														
T6.4 Workshops organisation											W1									W2										W3
T6.5 Exploitation roadmap and knowledge transfer																														D6.5
T6.6 Contribution to standards																														
WP7: Coordination																														
T7.1 Management of the consortium												D7.1													D7.2					D7.3
T7.2 Financial administration and reporting																														
T7.3 Project quality assurance				D7.4	D7.5																									
T7.4 Intellectual property rights management																												D7.6		
WP8: Ethics requirements																														
T8.1 Ethics requirements				D8.1	D8.2		D8.3																							

# PERSONA WP1

- study and analyse existing European regulations and best practises regarding the acceptance of border security solutions
- specify the user requirements and define use cases and user scenarios for the deployment and assessment executed in WP4
- define technical requirements for no-gate border security solutions selected for impact assessment
- identify PERSONA requirements based on user and technical requirements and latest EU regulations
- study and identify potential risks and mitigation controls
- to perform thorough analysis of impacts against defined requirements in order to identify elements which require further treatment and mitigation

# PERSONA WP2

- analyse and select the latest and next generation technologies and solutions for no-gate border crossing points
- tune and setup the latest verification scanners and smart sensors
- investigate latest video analytics and data fusion solutions for person, object and abnormal behavior detection
- investigate security assessment and decision support systems
- prepare system for selected national facilitation programme for assessment
- carry out technical validation of selected technologies



# PERSONA WP3

- investigate and design research methodology for comprehensive acceptance assessment of no-gate border security solutions
- define clear criteria for user perception analysis
- develop a set of questionnaires and metrics for the effective assessment process
- develop an orchestration plan and set guideline for the orchestration framework for the assessment of the diversity of solutions
- develop and deploy the universal orchestration framework for seamless integration and assessment of wide range of no-gate technologies

# PERSONA WP3

## Procedural steps of IAM PERSONA

### Phase I: Preparation of the assessment process

- 1) Screening (threshold analysis)
- 2) Scoping
- 3) Planning and preparation

### Phase II: Assessment

- 4) Description
- 5) Appraisal of impacts

### Phase III: Recommendations

- 6) Recommendations

### Phase IV: On-going steps

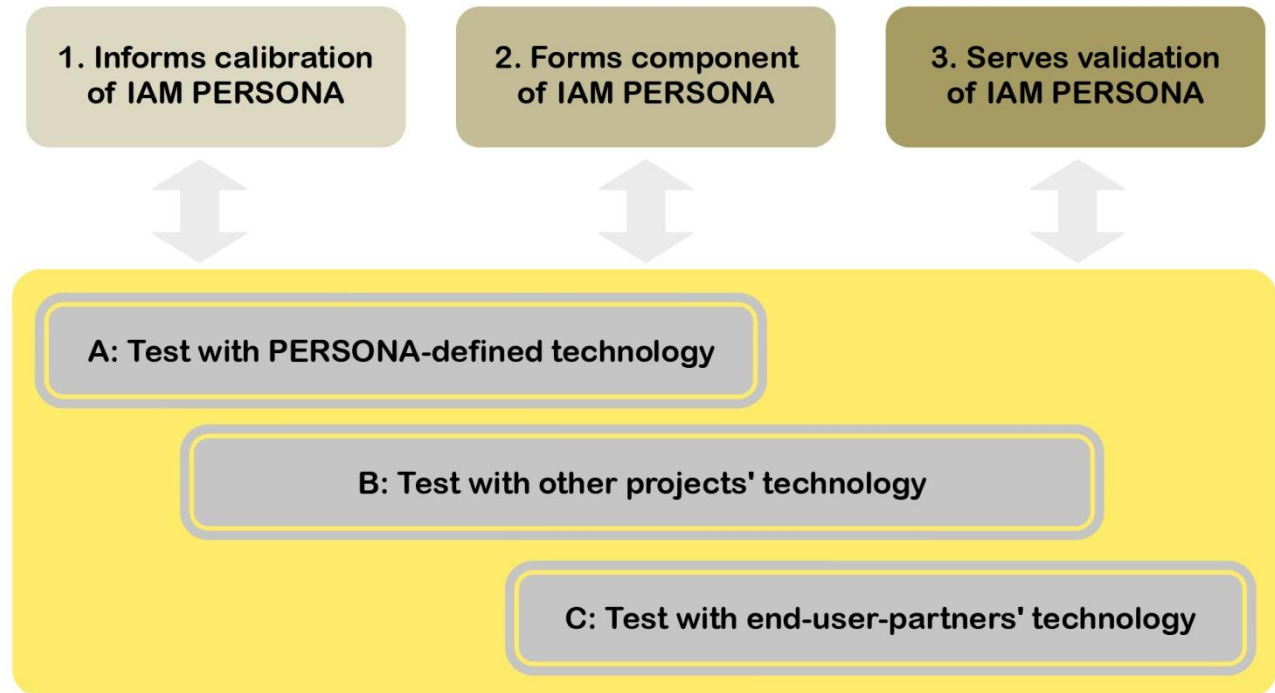
- 7) Stakeholder involvement (public participation) in decision making
- 8) Documentation
- 9) Quality control of the assessment process

### Phase V: Revisiting

- 10) Revisiting

# PERSONA WP4

- prepare a detailed plan for the PERSONA Test Studies
- set realistic test environments with the selected no-gate crossing point solutions
- execute the Test Studies in formats A, B, C



# PERSONA WP5

- create the PERSONA External Advisory Board consisting of leading experts and key players in the field of border security
- create a functional network of stakeholders and decision makers for direct communication on PERSONA requirements, outcomes and best practices
- develop detailed contingency plan and treatment measures which will form important part of the guidelines and recommendations to decision makers
- produce and publish PERSONA textbook, a complete guide and report entire acceptance assessment work
- communicate derived guidelines and best practices with stakeholders and decision makers from PERSONA network and beyond

[PERSONA CoS online platform](#)

# PERSONA WP6

- raise public awareness of PERSONA project: objectives, activities, and achievements
- identify stakeholder profiles and to develop a tailored dissemination approach for each
- organise and conduct actions that disseminate PERSONA project results widely, with specific focus on the relevant stakeholder groups
- establish close links with other projects of interest, especially in view of BES-15 actions, and to set up synergies for cooperation in technology assessment
- organise at least three dedicated workshops in order to connect with key stakeholders, exchange evaluation results and share strategies
- devise a detailed roadmap for PERSONA's exploitation, taking into account its assets, relevant market /research trends and drivers
- inform and foster the development and implementation of associated technical and legal standards among international and EU governing bodies with the support of LEAs
- see second to last slide for social media links and collaboration

# PERSONA WP7

- guaranteeing timely implementation of the respective activities and achievements of the project objectives and the quality of the project deliverables
- ensure that the project achieves its goals within the budget and scheduled deadlines
- provide effective project management throughout the duration of the project
- accomplish all necessary administrative tasks and provide regular progress reports to the Commission
- lead the consortium, organise decision-making groups, physical project meetings and teleconference meetings

# PERSONA WP8

- ensure compliance with ethics requirements
- [Ethics manager](#)
- [Data protection officers](#)
- [External Advisory Board public report](#)

# PERSONA WP6

Follow us



[www.persona-project.eu](http://www.persona-project.eu)



[linkedin.com/company/persona-project](https://linkedin.com/company/persona-project)



[twitter.com/personah2020](https://twitter.com/personah2020)



[facebook.com/persona.h2020](https://facebook.com/persona.h2020)

Collaboration projects





# Thank you!

Any questions?

