



DEFEND

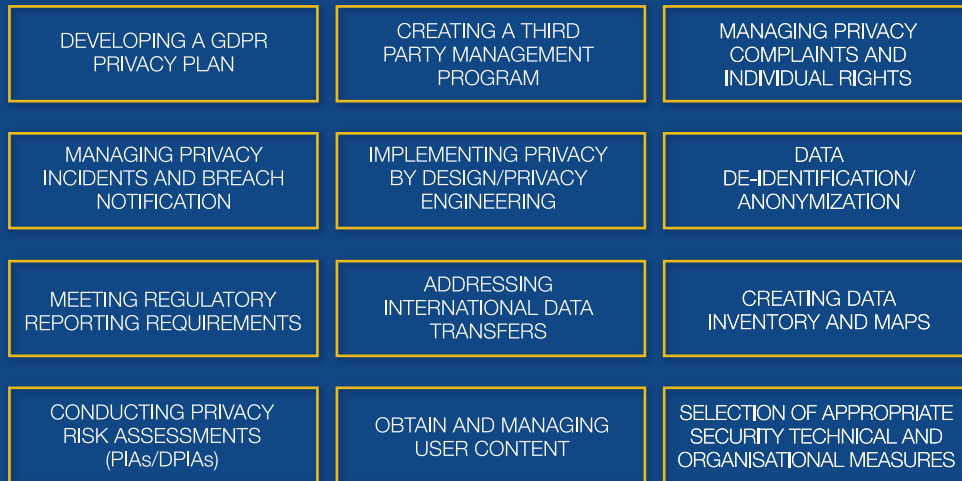
DATA GOVERNANCE
FOR SUPPORTING GDPR



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 787068.

DEFEND PROJECT

DEFEND will deliver a platform which empowers organisations in different sectors to:



DEFEND PLATFORM towards GDPR compliance

	DATA SCOPE MANAGEMENT (DSM)	DATA PROCESS MANAGEMENT (DPM)	DATA BREACH MANAGEMENT (DBM)
PLANNING LEVEL	Identify data, assets ART. 4	Data access rights ART. 15	Data Breach Plan Specification ART. 34
	Organisational information establishments ART. 4	Personal data consent ART. 6, 7, 8, 13, 14	
	Identify accountability ART. 5	Security and privacy specification ART. 24	
	Data flows ART. 4		
OPERATIONAL LEVEL	Data Protection Impact Assessment (DPIA) ART. 35	Security and privacy Technology ART. 32	Data Breach, Detection, Notification and Response ART. 23, 33, 34, 36
	Data transparency, lawfulness, minimisation ART. 4, 25	Privacy Data Consent Monitoring and Notification ART. 19	
	Security and Privacy Threats ART. 23		
	Privacy by Design ART. 25		

OBJECTIVES

- 1 DESIGN AND DEVELOPMENT OF A SUCCESSFUL, MARKET-ORIENTED, PLATFORM TO SUPPORT ORGANISATIONS TOWARDS GDPR COMPLIANCE
- 2 DEVELOP A MODULAR SOLUTION THAT COVERS DIFFERENT ASPECTS OF THE GDPR
- 3 AUTOMATED METHODS AND TECHNIQUES TO ELICIT, MAP AND ANALYSE DATA THAT ORGANISATIONS HOLD FOR INDIVIDUALS
- 4 ADVANCED MODELLING LANGUAGES AND METHODOLOGIES FOR PRIVACY-BY-DESIGN AND DATA PROTECTION MANAGEMENT
- 5 SPECIFICATION, MANAGEMENT AND ENFORCEMENT OF PERSONAL DATA CONSENT
- 6 INTEGRATED ENCRYPTION AND ANONYMIZATION SOLUTIONS FOR GDPR
- 7 DEPLOYMENT AND VALIDATION OF THE DEFEND PLATFORM IN REAL OPERATIONAL ENVIRONMENTS

PILOTS SCENARIOS

DEFEND platform will be tested in operational environment (TRL 7) for two different types of scenarios across four sectors, focusing on the **GDPR compliance process** for end-users and on the **GDPR implications** for external stakeholders.



ENERGY SECTOR
(PRIVATE)
GP (France)



BANKING SECTOR
(PRIVATE)
ABILab (Italy)



HEALTH CARE (PUBLIC)
Fundacion para la Investigacion Biomedica
Hospital Infantil Universitario Niño Jesús



PUBLIC ADMINISTRATION (PUBLIC)
Peshtera Municipality (Bulgaria)

ORGANIZATION



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