

## **DIGITAL SME H2020 Projects**

### **1. UNICORN**

Project Description: Small businesses with a limited number of developers, which ideally should be focused on core product and service development, are found constantly in need of tackling security, compliance and code vulnerabilities by designing software security mechanisms to prevent data breaches and ensure customer privacy. Therefore, the UNICORN project aims at simplifying the design, deployment and management of secure and elastic –by design- multi-cloud services. Towards this end, the Unicorn vision can be considered two-fold: 1) to enable software developers to design and develop secure and elastic applications through a cloud/web plug-in, 2) to increase the awareness of all stakeholders involved in this value chain, fostering innovation through an increased provision and adoption of cloud computing services by SMEs and startups.

Budget: €4.173.850,00

Duration: 36 months

Partners: University of Cyprus (Cyprus); Universidad politecnica de Cartagena – Cloud incubator hub (Spain); Steinbeis Beratungszentren gmbh (Germany); Redikod ab (Sweden); Gioumpitek meleti schediasmos ylopoiisi kai polisi ergon pliroforikis etaireia periorismenis efhynis (Greece); Din Deutsches Institut fuer Normung e.v. (Germany); European DIGITAL SME Alliance (Belgium); Suite5 ltd (The United Kingdom); Foundation for research and technology Hellas (Greece); Maggioli spa (Italy); CAS Software ag (Germany)<sup>1</sup>.

### **DIGITAL SME**

- Role: DIGITAL SME contributes to the operational and financial management of the project providing the representation of European SMEs in the ICT sector. DIGITAL SME leads the communication and dissemination working package, having an active role in spreading the results of the project at the European scale and acting as a disseminator and facilitator to SMEs.
- Budget: €241.875,00

### **2. CYBERWATCHING**

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<sup>1</sup> Member of BITMI (DIGITAL SME member)

<sup>2</sup> Member of CONETIC (DIGITAL SME member)

Project Description: The cyberwatching.eu consortium will implement and maintain an EU Observatory to monitor R&I initiatives on cybersecurity and privacy, including EU, National EU and Associated Countries' projects, while supporting European stakeholders playing an active role in shaping the global cybersecurity and privacy landscape. The Observatory will monitor the whole lifecycle from research development and implementation, to validation and market uptake, making it possible for stakeholders to increase their knowledge, raise their awareness and find possible synergies between different initiatives.

Budget: €1.999.896,25

Duration: 48 months

Partners: Trust-IT Services Ltd (The United Kingdom); The Chancellor, Masters and Scholars of the University of Oxford (The United Kingdom); ICT LEGAL CONSULTING - Studio Legale Associato Balboni, Bolognini & Partners (Italy); European DIGITAL SME Alliance (Belgium); Conceptivity (Switzerland); AEI Ciberseguridad y Tecnologías Avanzadas (Spain)<sup>2</sup>; AON SpA (Italy).

### **DIGITAL SME**

- Role: European DIGITAL SME with its solid skills and consolidated experience and networks as the European representative for SMEs, will have a critical role in the stakeholder engagement strategy of cyberwatching.eu, together with the early validation and animation of the end-users club for SMEs, and the cyberwatching.eu supply and demand marketplace. European DIGITAL SME Alliance will also provide its critical contribution for the identification and the continuous implementation of the cyberwatching.eu observatory, as well as in the clustering, mapping and nurturing of the cyber security and privacy initiatives. Europe DIGITAL SME Alliance will also be responsible for the definition of the EU cybersecurity & privacy Roadmap with the intent of raising awareness on needs and competitive advantages of the EU industry, ensuring the adoption of the cyberwatching.eu paradigms.
- Budget: € 200.000,00

### **3. ECF COUNCIL**

Project Description: The e-CF COUNCIL will build a stable network of reference stakeholders (employer and professional associations, social partners, companies, SMEs, public authorities, training institutions, certification bodies) in the ICT sector to foster ICT professionalism at European and International level through the development of recognised and joint ICT VET programmes and certifications based on e-competences qualification profiles. The main purposes of the project are:

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<sup>2</sup> Member of CONETIC (DIGITAL SME member)

- Developing a common reference scheme for joint qualifications and assessment, answering the “Dual-Thinkers” skill requirements coming out of the new digital technologies (“SMAC stack” - social, mobile, analytics, cloud -, internet of things, cybersecurity, and IT Project Management), according to the ESCO IT occupations. The scheme, based on the EQF, EQAVET and ECVET criteria, will guarantee VET mutual comparability and harmonisation of e-skills curricula at EU level to enable ICT skilled professionals’ and workers’ mobility.

- Fostering social dialogue to find common sectorial agreements and job matching approaches between workers and enterprises benefitting from the shared tools settled.

- Establishing governance mechanisms based on continuous improvement and quality label

The e-CF COUNCIL will develop profiles for 15 out of the 40 e-competences defined in the European e-Competence Framework 3.0; design and implement a joint vocational qualification based on ESCO IT occupations by pilot blended/local/transnational joint training actions; develop ESCO/e-CF-based competence certifications. Such pilot initiatives will address at least 120 IT professionals/workers. The set of learning units will feed the e-CF COUNCIL open library (OCR).

The on-line e-CF COUNCIL community will be established and its members will be the ICT professionals participating in the e-CF COUNCIL vocational programmes and certifications.

Budget: € 871.490,00

Duration: 36 months (november 2015 - october 2018)

Partners: 1 (Leader) Fondazione Politecnico di Milano FPM (Italy); 2 CEFRIEL (Italy); 3 CNA (Italy)<sup>3</sup>; 4 ADFOR (Italy); 5 Fiom Lombardia (Italy); 6 ESI CEE (Bulgaria); 7 BASSCOM (Bulgaria)<sup>4</sup>; 8 NAPOO (Bulgaria); 9 bita Center (The Netherlands); 10 CIONET (The Netherlands); 11 EXIN (The Netherlands) ;12 UAH (Spain); 13 CCOO Servicios (Spain); 14 DG de Formacion - Comunidad de Madrid (Spain); 15 European DIGITAL SME Alliance (Belgium/EU); 16 DIGITAL EUROPE (Belgium/EU). Associated partners:17 EeSA (Belgium/EU); 18 CGIL (Italy)

## **DIGITAL SME**

- Role: DIGITAL SME will be responsible for the work package 8 that elaborates an operational model for the e-CF COUNCIL governance after the life-span of the project, together with, shared by, the market players. It will take part in the other project activities from the initial ICT Professionalism Transnational Frame (WP2) and the eCF COUNCIL reference Scheme (WP3) up to the Dissemination (WP7) for which it will cooperate in arranging the national workshops.
- Budget: €55.058

## **4. SABINA**

<sup>3</sup> DIGITAL SME member

<sup>4</sup> DIGITAL SME member

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Member of:



UNION EUROPEENNE DE L'ARTISANAT ET DES PETITES ET MOYENNES ENTREPRISES  
 EUROPÄISCHE UNION DES HANDWERKS UND DER KLEIN- UND MITTELBETRIEBE  
 EUROPEAN ASSOCIATION OF CRAFT, SMALL AND MEDIUM-SIZED ENTERPRISES  
 UNIONE EUROPEA DELL' ARTIGIANATO E DELLE PICCOLE E MEDIE IMPRESE



Project Description: Flexibility needs to be added to Europe's power system to accommodate an increasing share of variable power generation from renewable sources. Indeed, service quality issues start to arise on the grid when this share in electricity consumption reaches 10%. To meet the EU's targets for reduction of greenhouse gas emissions this share should rise to 30% by 2030 and up to 50% by 2050. The cost of this transition and the necessary measures to guarantee stable and continuous supply are a major political concern. The SABINA project responds to it by targeting the cheapest possible source of flexibility: the existing thermal inertia in buildings and the coupling between heat and electricity networks it enables. This coupling requires accurately estimating the thermal inertia of many buildings. SABINA's partner the University of Navarra has created a breakthrough, automatic method for this estimation, which shall be scaled up, validated and integrated in a complete management system through this project. This system will operate on two complementary time horizons: • One day: aggregation and management at the district level of the electric and thermal flexibilities, and conversion and storage of the excess electrical energy to thermal energy in the freely available building inertia. • Seconds to minutes: local control of inverters feeding renewable electricity to the grid, with optimal parameters automatically determined at the district level. Research partners will develop novel control and optimization algorithms, and integrate and evaluate the system in lab and operational settings. The SABINA solution is compatible with both new and existing buildings; it is planned to be deployed within five years of the end of the project. Lead users are present in the consortium: Telvent and SMS plc, the coordinator, for the architecture, and Insero for the business model it enables; compliance and contribution to relevant standards will be ensured by the European Digital SME Alliance

Budget: € 4.611.041,25

Duration: 48 months

Partners: 1 (Leader) UTILITY PARTNERSHIP LTD. (The United Kingdom); 2 CSEM (Switzerland); 3 UNIVERSIDAD DE NAVARRA (Spain); 4 **INSERO E-MOBILITY AS (Denmark)**<sup>5</sup>; 5 FUNDACIO INSTITUT DE RECERCA DE L'ENERGIA DE CATALUNYA (Spain); 6 TELVENT ENERGIA SA (Spain); 7 NATIONAL TECHNICAL UNIVERSITY OF ATHENS - NTUA (Greece); 8 European DIGITAL SME Alliance (Belgium/EU); 9 AMIRES SRO (Czech Republic).

## **DIGITAL SME**

- Role: DIGITAL SME will be responsible for all activities connected with the standardization. In WP1 it will identify the project items candidates for standardization and also standards for validation of the system. In WP7 it will firstly perform the study of existing standardization ecosystem, afterwards it will analyse the standards gap and prepare the contribution to standardization. Moreover, DSME will be highly involved in dissemination

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<sup>5</sup> consultancy company related to IT Forum (DIGITAL SME member)

## PS061

Board meeting – 28 March 2017



activities in WP7, where it will organize workshops for SME's in order to raise awareness about standards

- Budget: € 494.375,00

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