

Beispiel Silicon Saxony

transregionale Zusammenarbeit in
Schlüsseltechnologien

Table of contents

CLUSTERNANOROAD	3
U_CODE	6
ADMONT	9
UNIFY-IoT	13

CLUSTERNANOROAD

Project ID: 723630

Funded under:

H2020-EU.2.1.1. - INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies - Information and Communication Technologies (ICT)

H2020-EU.2.1.2. - INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies - Nanotechnologies

Driving Europe's NMBP economy - Cross-cluster innovation and value creation through validated NMBP collaborative strategies and roadmap

From 2016-09-01 **to** 2019-02-28, ongoing project

Project details

<p>Total cost: EUR 499 168,75</p> <p>EU contribution: EUR 499 168,75</p> <p>Coordinated in: Portugal</p>	<p>Topic(s): NMBP-33-2016 - Networking and sharing best experiences in using regional clusters strategies with a focus on supporting innovation in the NMBP thematic area.</p> <p>Call for proposal: H2020-NMBP-CSA-2016 See other projects for this call</p> <p>Funding scheme: CSA - Coordination and support action</p>
---	--

Objective

The CLUSTERNANOROAD project is aimed at developing & implementing effective smart specialization strategies in the field of NMBP aligned with cluster development, thus accelerating differentiation and structural change towards a knowledge-based economy for all European regions. In the proposed CLUSTERNANOROAD project, we will implement evidence-based and deliverable-oriented complementary approaches addressing the key actors belonging and influencing the development of RIS3 strategies supported by cluster and relate framework policies with the ultimate aim of supporting innovation in the NMBP thematic area. This project will consult and mobilise regional authorities, actors through the innovation chain and stakeholders throughout Europe in order to help shape strategic priorities for future regional concerted RIS3/cluster policies at a transregional level, which will intensify cluster and business network collaboration across borders and sectoral boundaries in the NMBP area. By reinforcing cluster and business network cooperation and making them the drivers of implementation, leveraging the experience with cluster policies in Smart Specialisation Strategies and supporting the shaping of concerted RIS3 and cluster policies in a more strategic manner, this action will help to overcome the practical challenges implementing the concept of RIS3 across European regions and will assist SMEs to contribute to the emergence of new value chains and for Europe to take a leading position globally.

Coordinator

LABORATORIO IBERICO INTERNACIONAL DE NANOTECNOLOGIA
AVENIDA MESTRE JOSE VEIGA
4715-330 BRAGA
Portugal

Portugal

EU contribution: EUR 105 437,50

Activity type: Research Organisations

Participants

INNO TSD
PLACE JOSEPH BERMOND OPHIRA I
06560 SOPHIA ANTIPOLIS VALBONNE
France

France

EU contribution: EUR 95 250

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

COUNCIL OF EUROPEAN BIOREGIONS
SQUARE DE MEEUS 35
1050 BRUXELLES
Belgium

Belgium

EU contribution: EUR 101 781,25

Activity type: Other

SWEDNANOTECH AB
GREV TUREGATAN 12A
114 46 STOCKHOLM
Sweden

Sweden

EU contribution: EUR 48 750

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

SILICON SAXONY MANAGEMENT GMBH
MANFRED VON ARDENNE RING 20
01099 DRESDEN
Germany

Germany

EU contribution: EUR 52 200

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

DSP VALLEY VZW
GASTON GEENSLAAN 9
3001 LEUVEN
Belgium

Belgium

EU contribution: EUR 38 250

Activity type: Other

NANOTECHNOLOGY INDUSTRIES ASSOCIATION
THE WILTON CENTRE WILTON
TS10 4RF REDCAR
United Kingdom

United Kingdom

EU contribution: EUR 57 500

Activity type: Other

Last updated on 2016-07-07

Retrieved on 2017-08-29

Permalink: http://cordis.europa.eu/project/rcn/205532_en.html

© European Union, 2017

U_CODE

Project ID: 688873

Funded under:

H2020-EU.2.1.1. - INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies - Information and Communication Technologies (ICT)

Urban Collective Design Environment: A new tool for enabling expert planners to co-create and communicate with citizens in urban design

From 2016-02-01 to 2019-07-31, ongoing project

Project details

<p>Total cost:</p> <p>EUR 3 603 831,25</p> <p>EU contribution:</p> <p>EUR 3 603 831,25</p> <p>Coordinated in:</p> <p>Germany</p>	<p>Topic(s):</p> <p>ICT-19-2015 - Technologies for creative industries, social media and convergence</p> <p>Call for proposal:</p> <p>H2020-ICT-2015 See other projects for this call</p> <p>Funding scheme:</p> <p>RIA - Research and Innovation action</p>
---	--

Objective

Whereas many tools for e-participation have been developed to involve citizens and large stakeholder groups, there are no digital instruments which enable the creative participation of the citizenship on a massive scale. The new co-design environment U_CODE enables communication and collaboration between large numbers of citizen and professional experts. Key novelty is a Public Project Space for non-professional civic users: a highly accessible, low-threshold public interface. For citizens who want to engage actively in the design process, a "Project Play Ground" is provided which features highly experiential design tools. Second key novelty of U_CODE is a collaboration platform which connects the "Project Play Ground" to professional urban designers. This Co-design Workspace is a unidirectional exchange hub between public users and professionals. It supports the collection of project relevant information, the generation of initial impulses, and the discussion of propositions in the early phase of the design.

Key catalysers for co-design and communication are Moderated Models (MoM) that are exchanged and iterated between professionals and the public until mutual understanding is found. The Moderated Models are derivatives from a cloud-based Project Information Model (PIM) which integrates all project relevant information, including technical data as well as public input. Moderated models are published in the public Project Play Ground as to stimulate feedback e.g. via Social Media. U_CODE will assess the proposals on semantic and emotional level, in order to devise early detection of resistance against projects, and to prevent the build-up of negative public sentiment.

U_CODE will enable professional creatives to utilise the public's creativity, to follow public opinions and sentiments, and to derive design intelligence from them. The design and decision making process will be informed and transformed by impulses of "citizen experts" as a driving force.

Related information

<p>Report Summaries</p>	<p>Periodic Reporting for period 1 - U_CODE (Urban Collective Design Environment: A new tool for enabling expert planners to co-create and communicate with citizens in urban design)</p>
--------------------------------	---

Coordinator

TECHNISCHE UNIVERSITAET DRESDEN
HELMHOLTZSTRASSE 10
01069 DRESDEN
Germany

Germany

EU contribution: EUR 926 550

Activity type: Higher or Secondary Education Establishments

Participants

YNCREA MEDITERRANEE
MAISON DES TECHNOLOGIES PL GEORGE POMPIDOU
83000 TOULON
France

France

EU contribution: EUR 263 031,25

Activity type: Higher or Secondary Education Establishments

TECHNISCHE UNIVERSITEIT DELFT
STEVINWEG 1
2628 CN DELFT
Netherlands

Netherlands

EU contribution: EUR 262 250

Activity type: Higher or Secondary Education Establishments

CONJECT LIMITED
21-25 CHURCH STREET WEST
GU21 6DJ WOKING SURREY
United Kingdom

United Kingdom

EU contribution: EUR 1 381 625


Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

OPTIS
RUE PARMENTIER ZE DE LA FARLEDE
83078 TOULON
France

France

EU contribution: EUR 405 500

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

SIMPLYSIM  Participation ended
955 ROUTE DES LUCIOLES, ECOLUCIOLES BAT A2
06560 VALBONNE
France

France

EU contribution: EUR 0

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

GMP INTERNATIONAL GMBH
ELBCHAUSSE 139
22763 HAMBURG
Germany

Germany

EU contribution: EUR 255 000

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

SILICON SAXONY MANAGEMENT GMBH
MANFRED VON ARDENNE RING 20
01099 DRESDEN
Germany

Germany

EU contribution: EUR 109 875

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

Last updated on 2017-02-09

Retrieved on 2017-08-29

Permalink: http://cordis.europa.eu/project/rcn/199881_en.html

© European Union, 2017

ADMONT

Project ID: 661796

Funded under: [H2020-EU.2.1.1.7. - ECSEL](#)

Advanced Distributed Pilot Line for More-than-Moore Technologies

From 2015-05-01 **to** 2019-04-30, ongoing project

Project details

Total cost: EUR 38 905 159,61	Topic(s): ECSEL-02-2014 - ECSEL Key Applications and Essential Technologies (IA)
EU contribution: EUR 11 096 414,52	Call for proposal: ECSEL-2014-2 See other projects for this call
Coordinated in: Germany	Funding scheme: ECSEL-IA - ECSEL Innovation Action

Objective

The “Advanced Distributed Pilot Line for More-than-Moore Technologies” project (ADMONT) is focused on a powerful and versatile More-than-Moore (MtM) pilot line for Europe increasing the diversification of CMOS process technologies. The combination of existing expertise, technological capabilities and the manufacturing capacity of industrial and research partners creates a whole new ecosystem within Europe’s biggest silicon technology cluster “Silicon Saxony”. The distributed pilot line utilizes various MtM platform technologies for sensor and OLED processing in combination with baseline CMOS processes in a unique way and incorporates 2.5D as well as 3D integration of silicon systems into one single production flow. The technology modules, equipment and processes are not located in one single clean room, but are distributed between partners located in Dresden. This local concentration of micro- and nanotechnology facilities has various advantages for potential customer since it enables a short production cycle time and fast delivery. Such distributed MtM pilot line is unique in Europe as well as worldwide and will be implemented as “one-stop-shop” for partners and customer. It is supported by advanced design technologies to address the challenges of modelling and simulation of MtM relevant aspects like reliability, degradation effects, process variability, and IT solution aspects for MtM smart fabrication, fab automation and data processing to generate a smart infrastructure. The distributed pilot line is working as an open platform and is able to integrate future technologies for autonomous and smart system solutions. ADMONT is focused on four main key applications: smart energy, smart mobility, smart health, and smart production and essential capabilities like semiconductor process equipment and materials, design technology and smart system integration. The project consortium is organized and working along the value chain for ECS technologies in Europe.

Related information

Report Summaries	Periodic Reporting for period 1 - ADMONT (Advanced Distributed Pilot Line for More-than-Moore Technologies)
-------------------------	---

Coordinator

X-FAB Dresden GmbH & Co. KG
GRENZSTRASSE 28
01109 DRESDEN
Germany

Germany

EU contribution: EUR 1 952 934,07

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

Participants

HEIMANN SENSOR GMBH
MARIA REICHE STRASSE 1
01109 DRESDEN
Germany

Germany

EU contribution: EUR 831 740,65

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

OKMETIC OYJ
PIITIE 2
01510 VANTAA
Finland

Finland

EU contribution: EUR 100 070,75

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

SYSTEMA SYSTEMENTWICKLUNG DIPL INF.MANFRED AUSTEN GMBH
MANFRED VON ARDENNE RING 6
01099 DRESDEN
Germany

Germany

EU contribution: EUR 357 274,21

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

ROTH & RAU - ORTNER GMBH  Participation ended
MANFRED VON ARDENNE RING 7
01099 DRESDEN
Germany

Germany

EU contribution: EUR 0

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

FABMATICS GMBH
ZUR STEINHOEHE 1
01109 DRESDEN
Germany

Germany

EU contribution: EUR 160 140

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

SMARTRAC TECHNOLOGY GMBH
MANFRED VON ARDENNE RING 12
01099 DRESDEN
Germany

Germany

EU contribution: EUR 90 659,13

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

SENSEAIR AB
PO BOX 96
82060 DELSBO
Sweden

Sweden

EU contribution: EUR 408 633,20

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

Silicon Biosystems S.p.A.
VIA DEI LAPIDARI
I-40129 Bologna
Italy

Italy

EU contribution: EUR 784 630,95

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

MAZET GMBH
GOSCHWITZER STRASSE 32
07745 JENA
Germany

Germany

EU contribution: EUR 180 557

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

EDC ELECTRONIC DESIGN CHEMNITZ GMBH
TECHNOLOGIE CAMPUS 1
09126 CHEMNITZ
Germany

Germany

EU contribution: EUR 134 443,01

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

TECHNIKON FORSCHUNGS- UND PLANUNGSGESELLSCHAFT MBH
BURGPLATZ 3A
9500 VILLACH
Austria

Austria

EU contribution: EUR 90 194

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
HANSASTRASSE 27C
80686 MUNCHEN
Germany

Germany

EU contribution: EUR 5 310 500,55

Activity type: Research Organisations

IMMS INSTITUT FUER MIKROELEKTRONIK- UND MECHATRONIK-SYSTEME GMBH
EHRENBERGSTRASSE 27
98693 ILMENAU
Germany

Germany

EU contribution: EUR 620 382

Activity type: Research Organisations

ONCOMPASS MEDICINE HUNGARY KORLATOLT FELELOSSEGU TARSASAG
RETEK UTCA 34
1024 BUDAPEST
Hungary

Hungary

EU contribution: EUR 74 255

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

Last updated on 2017-04-25

Retrieved on 2017-08-29

Permalink: http://cordis.europa.eu/project/rcn/198078_en.html

© European Union, 2017

UNIFY-IoT

Project ID: 688369

Funded under:

H2020-EU.2.1.1. - INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies - Information and Communication Technologies (ICT)

Supporting Internet of Things Activities on Innovation Ecosystems

From 2016-01-01 **to** 2017-12-31, ongoing project

Project details

Total cost: EUR 1 013 185	Topic(s): ICT-30-2015 - Internet of Things and Platforms for Connected Smart Objects
EU contribution: EUR 1 000 000	Call for proposal: H2020-ICT-2015 See other projects for this call
Coordinated in: Norway	Funding scheme: CSA - Coordination and support action

Objective

Coordination and Support Action to stimulate the collaboration between IoT projects, between the potential IoT platforms and support these in sustaining the IoT ecosystems developed by focusing on complementary actions, e.g., fostering and stimulating acceptance of IoT technology as well as the means to understand and overcome obstacles for deployment and value creation.

Coordinator

STIFTELSEN SINTEF
STRINDVEIEN 4
7034 TRONDHEIM
Norway

Norway

EU contribution: EUR 266 916,25

Activity type: Research Organisations

Participants

DIGITAL CATAPULT
LEVEL 9 101 EUSTON ROAD
NW1 2RA LONDON
United Kingdom

United Kingdom

EU contribution: EUR 125 000

Activity type: Other

INSTITUT EUROPEEN DES NORMES DE TELECOMMUNICATION
ROUTE DES LUCIOLES 650
06921 SOPHIA ANTIPOLIS
France

France

EU contribution: EUR 52 740

Activity type: Research Organisations

INNO TSD
PLACE JOSEPH BERMOND OPHIRA I
06560 SOPHIA ANTIPOLIS VALBONNE
France

France

EU contribution: EUR 125 250

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

ISTITUTO SUPERIORE MARIO BOELLA SULLE TECNOLOGIE DELL'INFORMAZIONE E DELLE
TELECOMUNICAZIONI ASSOCIAZIONE
VIA PIER CARLO BOGGIO 61
10138 TORINO
Italy

Italy

EU contribution: EUR 124 968,75

Activity type: Research Organisations

SILICON SAXONY MANAGEMENT GMBH
MANFRED VON ARDENNE RING 20
01099 DRESDEN
Germany

Germany

EU contribution: EUR 124 687,50

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

HUB INNOVAZIONE TRENTO S.C.A.R.L.
PIAZZA GIANNANTONIO MANCI 17
38123 TRENTO
Italy

Italy

EU contribution: EUR 125 000

Activity type: Research Organisations

COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES
RUE LEBLANC 25
75015 PARIS 15
France

France

EU contribution: EUR 55 437,50

Activity type: Research Organisations

Last updated on 2017-07-24

Retrieved on 2017-08-29

Permalink: http://cordis.europa.eu/project/rcn/199180_en.html

© European Union, 2017