



## **DECISION OF THE PUBLIC AUTHORITIES BOARD OF THE ECSEL JOINT UNDERTAKING**

### **Approving the selection of project proposals retained for funding following ECSEL Call 2015-1 and the allocation of funding**

THE PUBLIC AUTHORITIES BOARD OF THE ECSEL JOINT UNDERTAKING,

Having regard to the Statutes annexed to Council Regulation (EU) No 561/2014 of 6 May 2014 on the establishment of the ECSEL Joint Undertaking, and in particular Articles 9§5(b) and 12(e);

Having regard to the Decision of the Public Authorities Board on the evaluation and selection procedures related to Calls for proposals<sup>1</sup>,

Having regard to the Governing Board decision approving the work plan for 2015 and describing the scope and budget of ECSEL Calls 2015-1<sup>2</sup>,

WHEREAS:

- (1) Pursuant to the work plan, the Joint Undertaking has published on 17 March 2015 the ECSEL Call H2020-ECSEL-2015-1-RIA-TWO STAGE with a deadline of 8 September 2015;
- (2) 51 Full Project Proposals for research and innovation actions were submitted in response to this Call, out of which 51 satisfied the eligibility criteria for proposals and 0 were not compliant;
- (3) The 51 proposals were evaluated by independent experts in accordance with the ECSEL evaluation and selection procedures related to Calls for proposals, under the coordination of the ECSEL JU.

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<sup>1</sup> ECSEL PAB 2015.08

<sup>2</sup> ECSEL GB 2015.28, amended by decision ECSEL GB 2015.42

- (4) Following the evaluation of the 51 full project proposals, the following results are reported in the Evaluation Report of the ECSEL Call 2015-1:
- Evaluation Summary Reports were produced for each proposal,
  - 11 proposals did not reach the evaluation thresholds and were included in the "below threshold" list,
  - The remaining 40 proposals reached the evaluation thresholds and were included in the "above threshold" list (ranked list with scores).
- (5) The PAB should decide on the final ranking of proposals.
- (6) The PAB should approve the list of selected proposals with the indications of maximum eligible costs and allocated maximum public funding.
- (7) The PAB should reject the proposals in the "below threshold" list as well as those that it deems not financially viable due to limitations in the available public funding.
- (8) The PAB may establish a reserve list of proposals.
- (9) The Executive Director should implement the decision of the PAB by entering into contact with the consortia of selected proposals and signing the relevant grant agreements.

HAS ADOPTED THIS DECISION:

*Article 1*

The ranking of the proposals in the "above threshold" list in Annex 1 is approved.

*Article 2*

8 proposals should be selected for possible financing within the maximum eligible costs and the maximum public funding allocated as annexed to this Decision (Annex 2).<sup>3</sup>

The Executive Director should take the necessary decisions to implement the decision of the PAB and should sign, where relevant, the grant agreement with selected consortia indicated in Annex 2. He should inform the PAB of the dates and conditions of the signature of the JU grant agreements.

*Article 3*

1 proposal should be put on the reserve list (Annex 3).

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<sup>3</sup> The EU contribution is based on the budget foreseen for JTI's in the general Union budget. The total EU estimated contribution for CALL ECSEL-2015-1 RIA and CALL ECSEL-2015-2 IA is 145 M€, of which 95 M€ represents revenues from the 2015 general Union budget and 50 M€ represents estimated revenues from 2016 estimated general Union budget.

The total amount of 50 M€ (of which 17 M€ for CALL ECSEL-2015-1 RIA) deriving from the 2016 estimated general Union budget is subject to its adoption by the budgetary authority and may be updated accordingly. Taking this into consideration, concerning EU contribution projects ranked 1-4 will be financed by the 2015's Union budget (up to 33 M€) and those ranked 5-8 will be financed by the 2016's Union budget (see Annex 1).

*Article 4*

11 proposals in the "below threshold" list should be rejected as its score is below threshold in one or more evaluation criteria or below the minimum total score required (Annex 4).

*Article 5*

30 proposals should not be selected for funding because the Public Authorities Board considers them as not financially viable due to limitations in the available public funding (Annex 4).

1 proposal should not be selected for funding because the Public Authorities Board considers it having a too strong overlap with projects that are already funded (Annex 4).

*Article 6*

The Executive Director shall inform the corresponding National Funding Authorities of the signature of the JU Grant agreement, in order to proceed with the establishment of the National Grant Agreements.

*Article 7*

This Decision shall enter into force on the date of its adoption.

Done at Brussels, on 18 November 2015,

For the Public Authorities Board

(signed)

Ben Ruck

Chairperson of the Public Authorities Board

Annexes:

- Annex 1: ranking of proposals
- Annex 2: list of selected proposals retained for funding
- Annex 3: reserve list
- Annex 4: list of non-retained proposals

**ANNEX 1 - RANKING OF PROPOSALS**

The PAB ranking takes into account the points resulting from the total scores of the evaluation by experts and the level of synergy of the proposed work with EU and national R&D&I policies.

<b>Ranking</b>	<b>Project Acronym</b>
<b>1</b>	<b>SafeCOP</b>
<b>2</b>	<b>3DAM</b>
<b>3</b>	<b>AMASS</b>
<b>4<sup>4</sup></b>	<b>REFERENCE</b>
<b>5</b>	<b>PRIME</b>
<b>6</b>	<b>DEPHI4LED</b>
<b>7</b>	<b>DENSE</b>
<b>8<sup>5</sup></b>	<b>ASTONISH</b>

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<sup>4</sup> Projects ranked 1-4 will be financed by the 2015's Union budget

<sup>5</sup> Projects ranked 5-8 will be financed by the 2016's Union budget after the adoption of the 2016 budget and the 2016 Work plan.

**ANNEX 2 - LIST OF SELECTED PROPOSALS RETAINED FOR FUNDING****Call: ECSEL 2015-1**

Proposal acronym	Legal Name of Coordinator	EPS	H2020 costs	EU funding
SafeCOP	ALTEN SVERIGE AKTIEBOLAG	SE	11,580,313.75	3,777,298.39
3DAM	FEI ELECTRON OPTICS BV	NL	22,396,421.25	6,582,943.94
AMASS	FUNDACION TECNALIA RESEARCH & INNOVATION	ES	20,481,701.00	6,211,766.72
REFERENCE	S.O.I.TEC SILICON ON INSULATOR TECHNOLOGIES SA	FR	33,144,876.25	10,068,823.82
PRIME	INTERUNIVERSITAIR MICRO-ELECTRONICACENTRUM VZW	BE	38,847,240.25	12,199,487.08
DELPHI4LED	PHILIPS LIGHTING B.V.	NL	9,594,705.50	2,834,446.33
DENSE	DAIMLER AG	DE	14,439,980.00	4,221,232.63
ASTONISH	PHILIPS MEDICAL SYSTEMS NEDERLAND BV	NL	18,334,603.75	5,895,046.38
	<b>TOTAL</b>		<b>168,819,841.75</b>	<b>51,791,045.29</b>

Proposal acronym	Legal Name of Participants
SafeCOP	ALTEN SVERIGE AKTIEBOLAG; DANMARKS TEKNISKE UNIVERSITET; TEKNOLOGISK INSTITUT; MOBILE INDUSTRIAL ROBOTS ApS; ODENSE UNIVERSITETSHOSPITAL; TECHNICON APS; ILMATIETEEEN LAITOS; MOBISOFT OY; ALTE Visetec Oy; UNIVERSITA DEGLI STUDI DELL'AQUILA; CONSIGLIO NAZIONALE DELLE RICERCHE; Intelligence Behind Things Solutions S.r.l.; Impara S.r.l.; POLITECNICO DI MILANO; Thales Italia spa; AITEK SOCIETA' PER AZIONI; RO TECHNOLOGY SRL; INTECS SPA; DNV GL AS; MARITIME ROBOTICS AS; STIFTELSEN SINTEF; INSTITUTO SUPERIOR DE ENGENHARIA DO PORTO; GMVIS SKYSOFT SA; TEKEVER II AUTONOMOUS SYSTEMS LDA; MAELARDALENS HOEGSKOLA; Qamcom Research and Technology AB; KUNGLIGA TEKNISKA HOEGSKOLAN; Safety Integrity AB; SICS Swedish ICT Västerås AB
3DAM	FEI ELECTRON OPTICS BV; APPLIED MATERIALS ISRAEL LTD; INTERUNIVERSITAIR MICRO-ELECTRONICACENTRUM IMEC VZW; NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK TNO; NOVA MEASURING INSTRUMENTS LTD; JORDAN VALLEY SEMICONDUCTORS LTD; COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES; Attolight Sàrl; SEMILAB FELVEZETO FIZIKAI LABORATORIUM RESZVENYTARSASAG; CAMECA; ADAMA INNOVATIONS LTD; FEI SAS; STMICROELECTRONICS CROLLES 2 SAS; TECHNISCHE UNIVERSITEIT EINDHOVEN; CAPRES A/S; DANMARKS TEKNISKE UNIVERSITET; APPLIED MATERIALS FRANCE
AMASS	FUNDACION TECNALIA RESEARCH & INNOVATION; HONEYWELL INTERNATIONAL SRO; SIEMENS AKTIENGESELLSCHAFT OESTERREICH; KPIT MEDINI TECHNOLOGIES AG; MAELARDALENS HOEGSKOLA; ECLIPSE FOUNDATION EUROPE GMBH; INFINEON TECHNOLOGIES AG; AIT Austrian Institute of Technology GmbH; FONDAZIONE BRUNO KESSLER; INTECS SPA; Berner&Mattner Systemtechnik GmbH; GMV AEROSPACE AND DEFENCE SA UNIPERSONAL; RINA SERVICES SPA; THALES ALENIA SPACE ESPANA, SA; UNIVERSIDAD CARLOS III DE MADRID; RAPITA SYSTEMS LIMITED; CENTRO DE INNOVACION Y SOLUCIONES EMPRESARIALES Y TECNOLOGICAS SL; Safety Integrity AB; Masarykova univerzita; AVL LIST GMBH; Kompetenzzentrum - Das Virtuelle Fahrzeug, Forschungsgesellschaft mbH; IMPRONOVA AB; COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES; CLEARSY SAS; ALTEN SVERIGE AKTIEBOLAG; LANGE RESEARCH AIRCRAFT GMBH; Thales Italia spa; SP SVERIGES TEKNISKA FORSKNINGSINSTITUT AB; Comentor AB; ALLIANCE POUR LES TECHNOLOGIES DE L'INFORMATIQUE
REFERENCE	S.O.I.TEC SILICON ON INSULATOR TECHNOLOGIES SA; AIRBUS DEFENCE AND SPACE GMBH; Ferfics Limited; GLOBALFOUNDRIES Dresden Module One LLC & Co. KG; NANIUM S.A.; sentronics metrology GmbH; SILTRONIC AG; STMICROELECTRONICS S.A.; TELIT AUTOMOTIVE SOLUTIONS SARL; AED Engineering GmbH; COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES; FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG EV; INTERUNIVERSITAIR MICRO-ELECTRONICACENTRUM IMEC VZW; TECHNISCHE UNIVERSITAET DRESDEN; UNIVERSITE LYON 1 CLAUDE BERNARD; UNIVERSITAET DER BUNDESWEHR MUENCHEN.

Proposal acronym	Legal Name of Coordinator
PRIME	INTERUNIVERSITAIR MICRO-ELECTRONICACENTRUM IMEC VZW; GLOBALFOUNDRIES Dresden Module One LLC & Co. KG; FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG EV; STMICROELECTRONICS S.A.; COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES; STICHTING IMEC NEDERLAND; TECHNISCHE UNIVERSITAET DRESDEN; ZENTRUM MIKROELEKTRONIK DRESDEN AG; CEZAMAT PW Sp. z o.o.; SURECORE LTD; TECHNOLUTION BV; INTRINSIC ID B.V.; S.O.I.TEC SILICON ON INSULATOR TECHNOLOGIES SA; Dream Chip Technologies GmbH; Singulus Technologies AG; Bubbles and Beyond GmbH; VL BV*VIRAGE LOGIC; STMICROELECTRONICS ROUSSET SAS
DELPHI4LED	PHILIPS LIGHTING B.V.; TECHNISCHE UNIVERSITEIT EINDHOVEN; BUDAPESTI MUSZAKI ES GAZDASAGTUDOMANYI EGYETEM; MENTOR GRAPHICS MAGYARORSZAG SZAMITASTECHNIKAI TANACSADO ES KERESKEDELMI KORLATOLT FELELOSSEGU TARSASAG; Mentor Graphics (Ireland) Limited UK Branch; Teknologian tutkimuskeskus VTT Oy; Lighting Design Collective Oy; Flexbright Oy; MAGILLEM DESIGN SERVICES SAS; INGELUX; Pi Lighting SARL; PISEO; PHILIPS FRANCE; ECCE'LECTRO; Havells Sylvania Lighting Belgium NV
DENSE	DAIMLER AG; AUTOLIV DEVELOPMENT AB; AUTOLIV ELECTRONICS AB; Autoliv Electronic SAS; CENTRE D ETUDES ET D EXPERTISE SUR LES RISQUES L ENVIRONNEMENT LA MOBILITE ET L AMENAGEMENT; EUROPEAN CENTER FOR INFORMATION AND COMMUNICATION TECHNOLOGIES GMBH; Hitachi Europe GmbH; IBEO AUTOMOTIVE SYSTEMS GMBH; Innoluce; MODULIGHT OY; OPLATEK GROUP OY; RENAULT SAS; TTY-SAATIO; UNIVERSITAET ULM; VAISALA OYJ; Teknologian tutkimuskeskus VTT Oy; Xenics nv
ASTONISH	PHILIPS MEDICAL SYSTEMS NEDERLAND BV; PHILIPS ELECTRONICS NEDERLAND B.V.; TECHNISCHE UNIVERSITEIT EINDHOVEN; Stichting Kempenhaeghe; QUEST PHOTONIC DEVICES BV; ANTERYON BV; STICHTING HET NEDERLANDS KANKER INSTITUUT-ANTONI VAN LEEUWENHOEK ZIEKENHUIS; ACADEMISCH ZIEKENHUIS LEIDEN; STMICROELECTRONICS SRL; CONSIGLIO NAZIONALE DELLE RICERCHE; UNIVERSITA DEGLI STUDI DI PALERMO; UNIVERSITA DEGLI STUDI GABRIELE D'ANNUNZIO DI CHIETI-PESCARA; Teknologian tutkimuskeskus VTT Oy; Icare Finland Oy; OKMETIC OYJ; VYSOKE UCENI TECHNICKE V BRNE; INSTITUT MIKROELEKTRONICKYCH APLIKACI S.R.O.; INTERUNIVERSITAIR MICRO-ELECTRONICACENTRUM IMEC VZW; g.tec medical engineering Spain SL; AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS; IBERMATICA SA; FUNDACION TECNALIA RESEARCH & INNOVATION; NORAY BIOINFORMATICS SL; UNIVERSIDAD DEL PAIS VASCO/ EUSKAL HERRIKO UNIBERTSITATEA

**ANNEX 3 - LIST OF PROPOSALS RETAINED FOR THE RESERVE LIST**

The following proposal is on the reserve list:

**Hyb-Man<sup>6</sup>**

**ANNEX 4 - LIST OF NON-RETAINED PROPOSALS**

The following proposals are below threshold:

<b>Project Acronym</b>	<b>Below threshold for criterion</b>
ARIES	Impact
Asips-For-CPS	Excellence and Impact
ChiPackBo	Excellence
CyberSafeWork	All
ECSIS	All
LearningHealth	All
P2NS	Excellence and Impact
RESCUE	Implementation
SafeIC	All
SWESYS	Impact and Implementation
We-Spear	Excellence and Implementation

<sup>6</sup> If funded this project will be financed by the 2016 Union budget after the adoption of the 2016 budget and the 2016 Work plan.

The following proposals are not viable due to exhaustion of public funding.

<b>Project Acronym</b>
AAA4CPS
AQUAS
ASSESSORS
COSMIC
CPSforIoT
CROWD-IT
DEBTclock
E-Harvest
EMCROSS
EvoBoard
FOODCHAIN
GALAXY
HASTINGS
I-MECH
INDICATE
InSiC
INTELLUM
MASH7
MegaMaRt
MEMPHIS
MoISson
RepDyn
RUNMESAFE



SHIVA
SIGMA
SMART RF
SmartERA
US4U
VisionNet
WeWair
AAA4CPS
AQUAS
ASSESSORS
COSMIC
CPSforIoT
CROWD-IT
DEBTclock
E-Harvest
EMCROSS

The following proposal should not be selected for funding because the Public Authorities Board considers it having a too strong overlap with projects that are already funded (Annex 4).

**SMILI**