



DECISION OF THE PUBLIC AUTHORITIES BOARD OF THE ECSEL JOINT UNDERTAKING

Approving the selection of project proposals retained for funding following ECSEL Call 2016-2 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 proposals¹,

Having regard to the Governing Board decision approving the Work plan for 2016 and describing the scope and budget of ECSEL Calls 2016-2²,

WHEREAS:

- (1) Pursuant to the work plan, the Joint Undertaking has published on 15 March 2016 the ECSEL Call H2020-ECSEL-2016-2-IA-TWO STAGE with a deadline of 20 September 2016;
- (2) 13 Full Project Proposals for research and innovation actions were submitted in response to this Call, which all satisfied the eligibility criteria for proposals;
- (3) The 13 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.

¹ ECSEL PAB 2015.08

² ECSEL GB 2015.54

- (4) Following the evaluation of the 13 full project proposals, the following results are reported in the Evaluation Report of the ECSEL Call 2016-2:
 - Evaluation Summary Reports were produced for each proposal,
 - All 13 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 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

6 proposals should be selected for possible financing within the maximum public funding allocated as annexed to this Decision (Annex 2).

The Executive Director should take the necessary measures to implement the decision of the PAB and should sign, where relevant, the grant agreements with the 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

2 proposals should be put on the reserve list (Annex 3).

Article 4

5 proposals should not be selected for funding due to limitations in the available public funding (Annex 4).

Article 5

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

Article 6

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

Done at Brussels, on 10 November 2016,

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.

| Ranking³ | Project Acronym |
|----------------------------|----------------------------|
| 1 | TAKEMI5⁴ |
| 2 | SCOTT |
| 3 | EuroPAT-MASIP |
| 4 | R3-PowerUP |
| 5 | MICROPRINCE |
| 6 | Productive4.0 |

³ 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 150 M€, of which 115 M€ represents revenues from the 2016 general Union budget and 35 M€ represents estimated revenues from 2017 estimated general Union budget.

The total amount of 35 M€ deriving from the 2017 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 1-3 will be financed by the 2016's Union budget (up to 66.5 M€) and those ranked 4-6 will be financed by the 2017's Union budget after the adoption of the 2017 budget and the 2017 Work plan.

⁴ The envisaged maximum EU funding budget for this action will be reduced to 28.34M€ as the PAB decided that the reasons presented under "compelling motivation" for the proposed action and the submitted action budget size were not sufficiently convincing.

ANNEX 2 - LIST OF SELECTED PROPOSALS RETAINED FOR FUNDING**Call: ECSEL 2016-2**

| Proposal acronym | Legal Name of Coordinator | EPS | H2020 costs | Maximum EU funding ⁵ |
|------------------|-----------------------------------------------------------------------|-----|----------------|---------------------------------|
| EuroPAT-MASIP | NANIUM S.A. | PT | 29,821,467.50 | 7,225,267.07 |
| MICROPRINCE | X-FAB MEMS FOUNDRY GmbH | DE | 14,385,182.50 | 3,354,555.37 |
| Productive4.0 | INFINEON TECHNOLOGIES AG | DE | 113,908,453.75 | 24,296,370.67 |
| R3-PowerUP | STMICROELECTRONICS SRL | IT | 181,554,561.25 | 28,046,206.50 |
| SCOTT | Kompetenzzentrum - Das Virtuelle Fahrzeug, Forschungsgesellschaft mbH | AT | 39,695,899.25 | 10,508,649.01 |
| TAKEMI5 | ASML NETHERLANDS B.V. | NL | 179,752,146.00 | 28,340,000.00 |
| | TOTAL | | 559,117,710.25 | 101,771,048.62 |

| Proposal acronym | Legal Name of Participants |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EuroPAT-MASIP | 3DiS Technologies, Advanced Vacuum Distribution Europe AB, Afore Oy, AMIC Angewandte Micro-Messtechnik GmbH, BERLINER NANOTEST UND DESIGN GMBH, BESI AUSTRIA GMBH, Besi Netherlands BV, COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, CONNAUGHT ELECTRONICS LIMITED, ELMOS Semiconductor AG, EV GROUP E. THALLNER GMBH, FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., INNOSENT GMBH, KETEK, micro analog systems oy, MURATA ELECTRONICS OY, NANIUM S.A., Nokian Tyres plc., NXP SEMICONDUCTORS FRANCE SAS, PAC TECH - PACKAGING TECHNOLOGIES GMBH, PACKAGING SIP, RoodMicrotec GmbH, SEMILAB FELVEZETO FIZIKAI LABORATORIUM RESZVENYTARSASAG, SENCIO BV, SILICON RADAR GMBH, SPINVERSE INNOVATION MANAGEMENT OY, Teknologian tutkimuskeskus VTT Oy, TexEDA Design GmbH |
| MICROPRINCE | CALIOPA, FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., INTERUNIVERSITAIR MICRO-ELECTRONICACENTRUM IMEC VZW, Melexis GmbH, Melexis NV, Melexis Technologies, Melexis Technologies SA, Optics Balzers Jena GmbH, TECHNIKON FORSCHUNGS- UND PLANUNGSGESELLSCHAFT MBH, TECHNISCHE UNIVERSITAET DRESDEN, UNIVERSITY COLLEGE CORK - NATIONAL UNIVERSITY OF IRELAND, CORK, X-CELEPRINT LTD, X-FAB MEMS FOUNDRY GmbH, X-FAB SEMICONDUCTOR FOUNDRIES AG |

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Subject to the adoption of the 2017 budget and the 2017 Work plan (see footnote 3)

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| <p>Productive4.0</p> | <p>AALBORG UNIVERSITET, ABB AG, Agileo Automation, AIRBUS DEFENCE AND SPACE GMBH, AIRBUS GROUP SAS, AIT AUSTRIAN INSTITUTE OF TECHNOLOGY GMBH, AITIA INTERNATIONAL INFORMATIKAI ZARTKORUEN MUKODO RT, APPLIED MATERIALS BELGIUM, ASOCIACION DE EMPRESAS TECNOLOGICAS INNOVALIA, AVL LIST GMBH, Bag-era, Baumüller Nürnberg GmbH, BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT, BetterSolutions S.A., BNEARIT AB, BUDAPESTI MUSZAKI ES GAZDASAGTUDOMANYI EGYETEM, CENTRO DI PROGETTAZIONE, DESIGN & TECNOLOGIE DEI MATERIALI, Combient AB, COMBITECH AB, COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, DANOBAT, ECOLE NATIONALE SUPERIEURE DES MINES DE SAINT-ETIENNE, ENGINE POWER COMPONENTS GROUP EUROPE SL, ERICSSON AB, EVOLARIS NEXT LEVEL GMBH, EVOPRO INNOVATION KFT, FACHHOCHSCHULE BURGENLAND GMBH, Fachhochschule Stralsund - Stralsund University of Applied Sciences, FACULDADE DE CIENCIAS E TECNOLOGIADA UNIVERSIDADE NOVA DE LISBOA, FORTISS GMBH, FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., FRIEDRICH-ALEXANDER-UNIVERSITAET ERLANGEN NUERNBERG, GUEP Software GmbH, HAROKOPIO UNIVERSITY, HOGSKOLEN I OSTFOLD, IDEKO S COOP, IEMTEC GmbH, INFINEON TECHNOLOGIES AG, INFINEON TECHNOLOGIES AUSTRIA AG, INFINEON TECHNOLOGIES DRESDEN GMBH, Infineon Technologies Ireland Ltd, INFORMATION TECHNOLOGY FOR MARKET LEADERSHIP, INSTITUT FUER AUTOMATION UND KOMMUNIKATION E.V. MAGDEBURG, INSTITUT MIKROELEKTRONICKYCH APLIKACI S.R.O., Institute of Engineering Design of Mechatronic Systems und PLM e.v., INSTITUTO SUPERIOR DE ENGENHARIA DO PORTO, INTRASOFT INTERNATIONAL SA, KARLSRUHER INSTITUT FUER TECHNOLOGIE, Kinexon Industries GmbH, KOC UNIVERSITY, Kompetenzzentrum - Das Virtuelle Fahrzeug, Forschungsgesellschaft mbH, LFOUNDRY SRL, Konecranes Global Oy, LULEA TEKNISKA UNIVERSITET, MAXIMATECC OY, METSO MINERALS OY, MIDROC AUTOMATION AB, MONDRAGON CORPORACION COOPERATIVA SCOOP, MONDRAGON GOI ESKOLA POLITEKNIKOA JOSE MARIA ARIZMENDIARRIETA S COOP, NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK TNO, New Nexus Mobile, NXP SEMICONDUCTORS GERMANY GMBH, NXTCONTROL GMBH, OFFIS EV, PANEPITIMIO THESSALIAS, PFEIFFER VACUUM, PHILIPS CONSUMER LIFESTYLE B.V., PHILIPS ELECTRONICS NEDERLAND B.V., PHILIPS LIGHTING B.V., pi4_robotics GmbH, POLITECHNIKA GDANSKA, POLITECNICO DI MILANO, PREDIKTOR AS, Robert Bosch Gesellschaft mit beschränkter Haftung, ROTH & RAU - ORTNER GMBH, SAP SE, Savvy Data Systems S.L., Saxony Media Solutions GmbH, SERVA TRANSPORT SYSTEMS GMBH, SILTRONIC AG, SIMPLAN AG, Skandinaviska Enskilda Banken AB, Statwolf Ltd., STIFTELSEN SINTEF, STMICROELECTRONICS CROLLES 2 SAS, STMICROELECTRONICS ROUSSET SAS, SYSGO SRO, SYSTEMA SYSTEMENTWICKLUNG DIPL INF.MANFRED AUSTEN GMBH, TECHNISCHE UNIVERSITAET DRESDEN, TECHNISCHE UNIVERSITAET WIEN, TECHNISCHE UNIVERSITAT BRAUNSCHWEIG, TECHNISCHE UNIVERSITEIT EINDHOVEN, Teknologian tutkimuskeskus VTT Oy, TELLU AS, THALES AUSTRIA GMBH, THALES NEDERLAND BV, TRIMEK SA, TTTECH COMPUTERTECHNIK AG, TTY-SAATIO, TWT GMBH SCIENCE & INNOVATION, ULMA EMBEDDED SOLUTIONS S COOP, UNGER FABRIKKER AS, UNIVERSITAET KLAGENFURT, UNIVERSITAET MANNHEIM, UNIVERSITAET ZU KOELN, UNIVERSITE D'AIX MARSEILLE, UNIVERSITY OF LIMERICK, USTAV TEORIE INFORMACE A AUTOMATIZACE AV CR VVI, VOLVO LASTVAGNAR AB, WAPICE OY, XENON AUTOMATISIERUNGSTECHNIK GMBH</p> |
| <p>R3-PowerUP</p> | <p>ADVANCED PACKAGING CENTER BV, ancosys GmbH, AP&S International GmbH, APPLIED MATERIALS FRANCE, Applied Materials Ireland Limited, APPLIED MATERIALS ISRAEL LTD, ASM EUROPE BV, ATOTECH DEUTSCHLAND GMBH, Automatrix Sp. z o. o., BESI AUSTRIA GMBH, CONSIGLIO NAZIONALE DELLE RICERCHE, CONSORZIO NAZIONALE INTERUNIVERSITARIO PER LA NANOELTTRONICA, DISCO HI-TEC EUROPE GmbH, EV GROUP E. THALLNER GMBH, FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., greenpower technologies, ICOS VISION SYSTEMS NV, INSTITUT MIKROELEKTRONICKYCH APLIKACI S.R.O., INSTYTUT TECHNOLOGII ELEKTRONOWEJ, KLA-Tencor MIE GmbH, LAM RESEARCH SAS, LASER SYSTEMS & SOLUTIONS OF EUROPE, NANO DESIGN SRO, NOVA MEASURING INSTRUMENTS LTD, PICOSUN OY, POLITECNICO DI TORINO, ROBERT BOSCH GMBH, S.O.I.TEC SILICON ON INSULATOR TECHNOLOGIES SA, SILTRONIC AG, SLOVENSKA TECHNICKA UNIVERZITA V BRATISLAVE, STMICROELECTRONICS SRL, UNIVERSIDAD DE SEVILLA, UNIVERSITA DEGLI STUDI DI PAVIA, UNIVERSITA DI PISA, UNIVERSITATEA POLITEHNICA DIN BUCURESTI, USTAV TEORIE INFORMACE A AUTOMATIZACE AV CR VVI, VYSOKE UCENI TECHNICKE V BRNE</p> |
| <p>SCOTT</p> | <p>ACCIONA INFRAESTRUCTURAS S.A., AIT AUSTRIAN INSTITUTE OF TECHNOLOGY GMBH, AVL LIST GMBH, CENTRIA AMMATTIKORKEAKOULU OY, CISC SEMICONDUCTOR GMBH, CORK INSTITUTE OF TECHNOLOGY, EMBRAER SA, ERICSSON AB, Eye Networks AS, FEV GMBH, FEV Polska Sp. z o.o., F-SECURE OYJ, FUNDACION TECNALIA RESEARCH & INNOVATION, FUNDACION TEKNIKER, GMVIS SKYSOFT SA, HOGSKOLAN I HALMSTAD, HOGSKOLEN I OSLO OG AKERSHUS, INDRA SISTEMAS SA, INSTITUTO SUPERIOR DE ENGENHARIA DO PORTO, INSTITUTO TECNOLOGICO DE INFORMATICA, INTEGRASYS SA, J.I.G. INTERNET CONSULTING SL, Klas Limited, Kompetenzzentrum - Das Virtuelle Fahrzeug, Forschungsgesellschaft mbH, KUNGLIGA TEKNISKA HOEGSKOLAN, LINUS AS, LINZ CENTER OF MECHATRONICS GMBH, MONDRAGON GOI ESKOLA POLITEKNIKOA JOSE MARIA ARIZMENDIARRIETA S COOP, MOVATION AS, NOKIA OYJ, NXP SEMICONDUCTORS AUSTRIA GMBH, NXP SEMICONDUCTORS NETHERLANDS BV, PHILIPS ELECTRONICS NEDERLAND B.V., PHILIPS LIGHTING B.V., POLITECHNIKA GDANSKA, qplox engineering bvba, RD VELHO OY, REALTIME EMBEDDED AB, ROBERT BOSCH GMBH, SBA RESEARCH GEMEINNUTZIGE GMBH, SICS Swedish ICT AB, SIEMENS AKTIENGESELLSCHAFT OESTERREICH, SMART INNOVATION OSTFOLD AS, STICHTING IMEC NEDERLAND, TECHNISCHE UNIVERSITAET GRAZ, TECHNISCHE UNIVERSITEIT DELFT, TECHNISCHE UNIVERSITEIT EINDHOVEN, Teknologian tutkimuskeskus VTT Oy, TELENOR ASA, TELLU AS, Tyco Ireland Limited, UiO, UNIVERSIDAD POLITECNICA DE MADRID, UNIVERSITAT LINZ, UNIVERSITY COLLEGE CORK - NATIONAL UNIVERSITY OF IRELAND, CORK, VEMCO SP ZOO, Xetal nv</p> |

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| TAKEMIS | ACTIVE TECHNOLOGIES SRL, AIS AUTOMATION DRESDEN GmbH, APPLIED MATERIALS BELGIUM, APPLIED MATERIALS ISRAEL LTD, ARKEMA FRANCE, ASM BELGIUM NV, ASML NETHERLANDS B.V., ASYS AUTOMATIC SYSTEMS GMBH & CO KG, BRUKER JV ISRAEL LTD, CARL ZEISS SMT GMBH, COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, COVENTOR SARL, CRYTUR SPOL.S.R.O., EMC Israel Advanced Information Technologies LTD, FEI ELECTRON OPTICS BV, FYZIKALNI USTAV AV CR V.V.I, ICOS VISION SYSTEMS NV, ICT Integrated Circuit Testing GmbH, INSTITUT FUER MIKROELEKTRONIK STUTTGART, INTERUNIVERSITAIR MICRO-ELECTRONICACENTRUM IMEC VZW, ION BEAM SERVICES, KLA-TENCOR CORPORATION (ISRAEL), LAM RESEARCH BELGIUM, NANOMOTION LTD, NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK TNO, NOVA MEASURING INSTRUMENTS LTD, PFEIFFER VACUUM, RECIF TECHNOLOGIES, SEMILAB FELVEZETO FIZIKAI LABORATORIUM RESZVENYTARSASAG |
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ANNEX 3 - LIST OF PROPOSALS RETAINED FOR THE RESERVE LIST

The following proposals are on the reserve list:

**DEMO3S
POSITION**

ANNEX 4 - LIST OF NON-RETAINED PROPOSALS

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

| |
|------------------------|
| Project Acronym |
| Power2ADV |
| PRISME |
| EFFICACY |
| DP4Health |
| GrloTe |