



DECISION OF THE PUBLIC AUTHORITIES BOARD OF THE ECSEL JOINT UNDERTAKING

Adopting the selection of project proposals retained for funding following ECSEL Call 2018-1 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 proposals¹,

Having regard to the Governing Board decision approving the Work plan for 2018 and describing the scope and budget of ECSEL Calls 2018-1²,

WHEREAS:

- (1) Pursuant to the work plan, the Joint Undertaking has published on 21 February 2018, the ECSEL Call H2020-ECSEL-2018-1-IA-TWO STAGE with a deadline of 20 September 2018;
- (2) 9 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 9 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.
- (4) Following the evaluation of the 9 full project proposals, the following results are reported in the Evaluation Report of the ECSEL Call 2018-1:
 - Evaluation Summary Reports were produced for each proposal,

¹ ECSEL PAB 2018.31

² ECSEL GB 2018.223

- The 9 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

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

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

Article 4

2 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 27 November 2018,

For the Public Authorities Board



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.

Ranking	Project
1	Power2Power
2	PIN3S
3	APPLAUSE
4	MADEin4
5	VIZTA
6	Ascertain-S3
7	Arrowhead Tools
8	CPS4EU
9	ELEMENT5

ANNEX 2 - LIST OF SELECTED PROPOSALS RETAINED FOR FUNDING**Call: ECSEL 2018-1**

Proposal Acronym	Coordinator legal name	EPS	H2020 Cost	Maximum EU Funding
APPLAUSE	Swissbit Germany AG	DE	37,301,517.25	9,042,052.81
Arrowhead Tools	LULEA TEKNISKA UNIVERSITET	SE	97,644,948.75	24,114,122.59
MADEin4	APPLIED MATERIALS ISRAEL LTD	IL	126,176,472.50	29,382,452.28
PIN3S	ASML NETHERLANDS B.V.	NL	141,561,013.75	29,999,999.57
Power2Power	INFINEON TECHNOLOGIES DRESDEN GMBH	DE	74,257,768.75	16,966,654.96
VIZTA	STMICROELECTRONICS GRENOBLE 2 SAS	FR	86,100,417.50	21,390,719.89
TOTAL			563,042,138.50	130,896,002.10

Proposal	Legal Name of Participant
APPLAUSE	<p>Swissbit Germany AG, ROODMICROTEC GMBH, NUROMEDIA GMBH, PAC TECH - PACKAGING TECHNOLOGIES GMBH, DISCO HI-TEC EUROPE GMBH, OSYPKA AG, FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., WUERTH ELEKTRONIK ROT AM SEE GMBH & CO. KG, Besi Netherlands BV, ADVANCED PACKAGING CENTER BV, STICHTING IMEC NEDERLAND, ICOS VISION SYSTEMS NV, JSR MICRO NV, INTERUNIVERSITAIR MICRO-ELECTRONICA CENTRUM, MURATA ELECTRONICS OY, VAISALA OYJ, GE HEALTHCARE FINLAND OY, AFORE OY, Oy Everon Ab, Precordior Oy, TURUN YLIOPISTO, AALTO KORKEAKOULUSAATIO SR, INTEGRATED DETECTOR ELECTRONICS AS, CARDIACCS AS, UNIVERSITETET I SOROST-NORGE, AMS AG, BESI AUSTRIA GMBH, EV GROUP E. THALLNER GMBH, ALBIS OPTOELECTRONICS AG, CSEM CENTRE SUISSE D'ELECTRONIQUE ET DE MICROTECHNIQUE SA - RECHERCHE ET DEVELOPPEMENT, Almae Technologies, SEMILAB FELVEZETO FIZIKAI LABORATORIUM RESZVENYTARSASAG, DUSTPHOTONICS LTD, ELEKTRONIKAS UN DATORZINATNU INSTITUTS</p>
Arrowhead Tools	<p>LULEA TEKNISKA UNIVERSITET, AEE - INSTITUT FUR NACHHALTIGE TECHNOLOGIEN, ACCIONA CONSTRUCCION SA, ARCELIK A.S., AVL LIST GMBH, BETTERSOLUTIONS SA, BNEARIT AB, BOLIDEN MINERAL AB, dotGIS corporation, ECLIPSE FOUNDATION EUROPE GMBH, EQUA SIMULATION AB, EUROTECH SPA, EVOLARIS NEXT LEVEL GMBH, FAGOR ARRASATE S COOP, FAGOR AUTOMATION S COOP LTDA, POLITECHNIKA GDANSKA, HONEYWELL INTERNATIONAL SRO, IKERLAN S COOP, INFINEON TECHNOLOGIES AUSTRIA AG, INFINEON TECHNOLOGIES DRESDEN GMBH& CO KG, INFINEON TECHNOLOGIES AG, USTAV TEORIE INFORMACE A AUTOMATIZACE AV CR VVI, INSTITUTO SUPERIOR DE ENGENHARIA DO PORTO, CONSORZIO NAZIONALE INTERUNIVERSITARIO PER LA NANOELETRONICA, JOTNE EPM TECHNOLOGY AS, KAI KOMPETENZZENTRUM AUTOMOBIL - UND INDUSTRIELEKTRONIK GMBH, LINDBACKS BYGG AB, Lundqvist Trävaru AB, MONDRAGON GOI ESKOLA POLITEKNIKOA JOSE MARIA ARIZMENDIARRIETA S COOP, MONDRAGON SISTEMAS DE INFORMACION SOCIEDAD COOPERATIVA, HOGSKOLEN I OSTFOLD, PHILIPS MEDICAL SYSTEMS NEDERLAND BV, PODCOMP AB, POLITECNICO DI TORINO, SANTER REPLY SPA, KNOWLEDGE CENTRIC SOLUTIONS SL, STMICROELECTRONICS SRL, SINTEF AS, TELLU IOT AS, TECHNISCHE UNIVERSITAET DRESDEN, TECHNISCHE UNIVERSITAET KAISERSLAUTERN, UNIVERSIDAD CARLOS III DE MADRID, ULMA EMBEDDED SOLUTIONS S COOP, Kompetenzzentrum - Das Virtuelle Fahrzeug, Forschungsgesellschaft mbH, SIRRIS HET COLLECTIEF CENTRUM VAN DE TECHNOLOGISCHE INDUSTRIE, 3E NV, VOLVO LASTVAGNAR AB, ELEKTRONIKAS UN DATORZINATNU INSTITUTS, FACHHOCHSCHULE BURGENLAND GMBH, Masarykova univerzita, VYSOKE UCENI TECHNICKE V BRNE, CESKE VYSOKE UCENI TECHNICKE V PRAZE, ROPARDO SRL, SAP Norway AS, , INSTITUTE FUR ENGINEERING DESING OF MECHATRONIC SYSTEMS UND MPLM EV, CISC SEMICONDUCTOR GMBH, INSTITUT FUER AUTOMATION UND KOMMUNIKATION E.V. MAGDEBURG, COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, MAGILLEM DESIGN SERVICES SAS, TECHNEXT, Imagerie Medicale de la Plaine de France, STMICROELECTRONICS GRENOBLE 2 SAS, AITIA INTERNATIONAL INFORMATIKAI ZARTKORUEN MUKODO RT, EVOPRO INFORMATIKAI ES AUTOMATIZALASI KFT, BUDAPESTI MUSZAKI ES GAZDASAGTUDOMANYI EGYETEM, INCQUERY LABS KUTATAS-FEJLESZTESI KFT, VIRTUAL POWER SOLUTIONS SA, UNIVERSIDADE NOVA DE LISBOA, TECHNISCHE UNIVERSITAET GRAZ, UNIVERSITAT ZU LUBECK, BEIA CONSULT INTERNATIONAL SRL, TECHNISCHE UNIVERSITEIT EINDHOVEN, AIT AUSTRIAN INSTITUTE OF TECHNOLOGY GMBH, SYSTEMA</p>

	<p>SYSTEMENTWICKLUNG DIPL INF.MANFRED AUSTEN GMBH, Semantis Information Builders GmbH, ROBERT BOSCH GMBH, ASML NETHERLANDS B.V., ICT AUTOMATISERING NEDERLAND BV, EQUA Solutions AG, Hochschule fuer Technik und Wirtschaft Dresden, BOSCH SOFTWARE INNOVATIONS GMBH, ASSYSTEM GERMANY GMBH, MONDRAGON CORPORACION COOPERATIVA SCOOP, WAPICE OY, ABB OY, Teknologian tutkimuskeskus VTT Oy, TECHNOLUTION BV</p>
MADEin4	<p>APPLIED MATERIALS ISRAEL LTD, ARKEMA FRANCE, AVL DITEST GMBH, AVL LIST GMBH, Brillianetor Ltd., BRUKER JV ISRAEL LTD, CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS, COMAU SPA, COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, CONSIGLIO NAZIONALE DELLE RICERCHE, ENTEGRIS CLEANING PROCESS (ECP) SAS, EXCILLUM AB, FEI ELECTRON OPTICS BV, FIAT CHRYSLER AUTOMOBILES ITALY SPA, FLEXIBLE OPTICAL BV, GLOBALFOUNDRIES Dresden Module One LLC & Co. KG, ICOS VISION SYSTEMS NV, INSTITUT MINES-TELECOM, ICT Integrated Circuit Testing GmbH, INTERUNIVERSITAIR MICRO-ELECTRONICA CENTRUM, Ippon Innovation, KLA-TENCOR CORPORATION (ISRAEL), Kompetenzzentrum - Das Virtuelle Fahrzeug, Forschungsgesellschaft mbH, MELLANOX TECHNOLOGIES LTD - MLNX, MENTOR GRAPHICS DEVELOPMENT CROLLES SARL, NANOMOTION LTD, Nearfield Instruments B.V., NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK TNO, NOVA MEASURING INSTRUMENTS LTD, OCTO Technology, PFEIFFER VACUUM, PHYSIKALISCH-TECHNISCHE BUNDESANSTALT, POLITECNICO DI TORINO, PRODRIVE TECHNOLOGIES BV, PVA TEPLA ANALYTICAL SYSTEMS GMBH, SEMI Europe GmbH, SEMILAB FELVEZETO FIZIKAI LABORATORIUM RESZVENYTARSASAG, STMICROELECTRONICS CROLLES 2 SAS, STMICROELECTRONICS ROUSSET SAS, STMICROELECTRONICS SRL, TECHNISCHE UNIVERSITEIT DELFT, TECHNISCHE UNIVERSITEIT EINDHOVEN, THERMO FISHER SCIENTIFIC (BREMEN) GMBH, TOWER SEMICONDUCTOR LTD, UNIVERSITE D'AIX MARSEILLE, UNITY SEMICONDUCTOR, UNIVERSITATEA POLITEHNICA DIN BUCURESTI</p>
PIN3S	<p>ASML NETHERLANDS B.V., APPLIED MATERIALS BELGIUM, APPLIED MATERIALS ISRAEL LTD, Berliner Glas KGaA Herbert Kubatz GmbH & Co., SIOUX CCM BV, COVENTOR SARL, FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., ION BEAM SERVICES, INTERUNIVERSITAIR MICRO-ELECTRONICA CENTRUM, KLA-Tencor MIE GmbH, KLA-TENCOR CORPORATION (ISRAEL), NOVA MEASURING INSTRUMENTS LTD, PFEIFFER VACUUM, PRODRIVE TECHNOLOGIES BV, RECIF TECHNOLOGIES, REDEN B.V., SCIA SYSTEMS GMBH, SOLMATES BV, FEI ELECTRON OPTICS BV, TECHNISCHE UNIVERSITEIT DELFT, UNIVERSITEIT TWENTE, UNIVERSITATEA POLITEHNICA DIN BUCURESTI, VDL ETG TECHNOLOGY & DEVELOPMENT BV, CARL ZEISS MICROSCOPY GMBH, CARL ZEISS SMT GMBH</p>

Power2Power	<p>INFINEON TECHNOLOGIES DRESDEN GMBH& CO KG, AVL SOFTWARE AND FUNCTIONS GMBH, ELEKTRISCHE AUTOMATISIERUNGS- UND ANTRIEBSTECHNIK EAAT GMBH CHEMNITZ, FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., HESSE GMBH, HOCHSCHULE ZITTAU-GORLITZ, INFINEON TECHNOLOGIES AG, mi2-factory GmbH, SGS Institut Fresenius GmbH, SILTRONIC AG, TECHNISCHE UNIVERSITAET CHEMNITZ, TECHNISCHE UNIVERSITAET DRESDEN, TECHNISCHE UNIVERSITAET ILMENAU, UNIVERSITAET BREMEN, UNIVERSITAET PADERBORN, UNIVERSITAET ROSTOCK, X-FAB Dresden GmbH & Co. KG, X-FAB SEMICONDUCTOR FOUNDRIES AG, CTR CARINTHIAN TECH RESEARCH AG, INFINEON TECHNOLOGIES AUSTRIA AG, Kompetenzzentrum - Das Virtuelle Fahrzeug, Forschungsgesellschaft mbH, MATERIALS CENTER LOEBEN FORSCHUNG GMBH, BRUSA ELEKTRONIK AG, EIDGENOESSISCHE TECHNISCHE HOCHSCHULE ZUERICH, AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, FAGOR AUTOMATION S COOP LTDA, INGETEAM POWER TECHNOLOGY SA, TECNOLOGIAS SERVICIOS TELEMATICOS Y SISTEMAS S.A., UNIVERSIDAD DE OVIEDO, UNIVERSIDAD POLITECNICA DE MADRID, AALTO KORKEAKOULUSAATIO SR, ABB OY, Kemppi Oy, Powernet Oy, INFINEON TECHNOLOGIES CEGLED TELJESITMENYFELVEZETOKET GYARTO KORLATOLT FELELOSSEGU TARSASAG, POWERTEC SRO, SLOVENSKA TECHNICKA UNIVERZITA V BRATISLAVE, ADVANCED PACKAGING CENTER BV, alfen bv, BOSCHMAN TECHNOLOGIES BV, IWO Project b.v., JIACO Instruments BV, TECHNISCHE UNIVERSITEIT DELFT</p>
VIZTA	<p>STMICROELECTRONICS GRENOBLE 2 SAS, STMICROELECTRONICS CROLLES 2 SAS, COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, III-V LAB, VEONEER SWEDEN AB, INTEGRATED SYSTEMS DEVELOPMENT S.A., Beamagine S.L, IDEMIA IDENTITY & SECURITY FRANCE, STMICROELECTRONICS SA, STMICROELECTRONICS (RESEARCH & DEVELOPMENT) LTD, IBEO AUTOMOTIVE SYSTEMS GMBH, IEE INTERNATIONAL ELECTRONICS & ENGINEERING SA, LUMIBIRD, MENAPIC SAS, ELEKTRONIKAS UN DATORZINATNU INSTITUTS, DEUTSCHES FORSCHUNGSZENTRUM FUR KUNSTLICHE INTELLIGENZ GMBH, SEMILAB FELVEZETO FIZIKAI LABORATORIUM RESZVENYTARSASAG, APPLIED MATERIALS FRANCE, Philips Photonics GmbH, UNIVERSITAT POLITECNICA DE CATALUNYA, FUNDACIO EURECAT, FICOMIRRORS SA, ALTER TECHNOLOGY TUV NORD SA, BCB Informatica y Control S.L.</p>

ANNEX 3 - LIST OF PROPOSALS RETAINED FOR THE RESERVE LIST

The following proposals are put on the reserve list: CPS4EU.

ANNEX 4 - LIST OF NON-RETAINED PROPOSALS

The following proposals are not viable due to exhaustion of public funding: AscertainS3, ELEMENT5.