



DECISION OF THE PUBLIC AUTHORITIES BOARD OF THE ECSEL JOINT UNDERTAKING

Adopting the selection of project proposals retained for funding following ECSEL Call 2019-1 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 2019 and describing the scope and budget of ECSEL Calls 2019-1²,

WHEREAS:

- (1) Pursuant to the work plan, the Joint Undertaking has published on 6 February 2019, the ECSEL Call H2020-ECSEL-2019-1-IA-TWO STAGE with a deadline of 18 September 2019;
- (2) 10 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 10 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 10 full project proposals, the following results are reported in the Evaluation Report of the ECSEL Call 2019-1:
 - Evaluation Summary Reports were produced for each proposal,

¹ ECSEL PAB 2018.31

² ECSEL GB 2019.118

- The 10 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

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

Article 4

3 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 2019,

For the Public Authorities Board

A handwritten signature in black ink, appearing to read 'Ben Ruck', with a horizontal line underneath.

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	iRel40
2	InSecTT
3	Moore4Medical
4	IT2
5	CHARM
6	BEYOND5
7	TRANSACT
8	STEFFI
9	HiFIVE
10	ALMAe

ANNEX 2 - LIST OF SELECTED PROPOSALS RETAINED FOR FUNDING**Call: ECSEL 2019-1**

Proposal Acronym	Coordinator legal name	EPS	H2020 Cost	Maximum EU Funding
iRel40	INFINEON TECHNOLOGIES AUSTRIA AG	AT	103,616,298.75	24,917,550.33
InSecTT	Kompetenzzentrum - Das Virtuelle Fahrzeug, Forschungsgesellschaft mbH	AT	44,815,061.25	11,489,516.65
Moore4Medical	PHILIPS ELECTRONICS NEDERLAND B.V.	NL	66,723,772.50	17,542,109.29
IT2	ASML NETHERLANDS B.V.	NL	114,327,061.25	24,887,333.08
CHARM	VALMET TECHNOLOGIES OY	FI	29,129,723.75	7,584,708.95
BEYOND5	SOITEC SA	FR	96,396,949.50	24,982,337.55
TOTAL			455,008,867.00	111,403,555.85

Proposal	Legal Name of Participant
BEYOND5	<p>SOITEC SA, STMICROELECTRONICS GRENOBLE 2 SAS, COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., GLOBALFOUNDRIES Dresden Module One LLC & Co. KG, ERICSSON AB, TURKCELL TEKNOLOJI ARASTIRMA VE GELISTIRME ANONIM SIRKETI, FORD OTOMOTIV SANAYI ANONIM SIRKETI, MIKROELEKTRONIK ARASTIRMA GELISTIRME TASARIM VE TICARET LIMITED SIRKETI, SONY DEUTSCHLAND GMBH, INTERUNIVERSITAIR MICRO-ELECTRONICA CENTRUM, MARMARA UNIVERSITY, POLITECHNIKA GDANSKA, TECHNISCHE UNIVERSITAET DRESDEN, AED ENGINEERING GMBH, FLAVIA IT-Management GmbH, NATIONAL INSTRUMENTS DRESDEN GMBH, UNIVERSITAET DER BUNDESWEHR MUENCHEN, UNIVERSITE CATHOLIQUE DE LOUVAIN, ASYGN, KUNGLIGA TEKNISKA HOEGSKOLAN, SILICON RADAR GMBH, ADC AUTOMOTIVE DISTANCE CONTROL SYSTEMS GMBH, SEQUANS COMMUNICATIONS SA, STMICROELECTRONICS CROLLES 2 SAS, Arbe Robotics Ltd., LUNDS UNIVERSITET, TECHNISCHE UNIVERSITEIT DELFT, ANTEVERTA-MW BV, RFbeam Microwave GmbH, ROGERS BVBA, INSTITUT POLYTECHNIQUE DE BORDEAUX, TRAXENS, TURKIYE BILIMSEL VE TEKNOLOJIK ARASTIRMA KURUMU, HOCHSCHULE FUR ANGEWANDTE WISSENSCHAFTEN HAMBURG, MUNEDA GMBH, UNIVERSITATEA POLITEHNICA DIN BUCURESTI, SILTRONIC AG, CADENCE DESIGN SYSTEMS GMBH, SMART IS MAKINALARI SANAYI VE TICARET A.S</p>
CHARM	<p>VALMET TECHNOLOGIES OY, NOME OY, SSH COMMUNICATIONS SECURITY OYJ, BENEQ OY, SANDVIK MINING AND CONSTRUCTION OY, LAPIN AMMATTIKORKEAKOULU OY, TAMPEREEN KORKEAKOULUSAATIO SR, AT & S AUSTRIA TECHNOLOGIE & SYSTEMTECHNIK AKTIENGESELLSCHAFT, BESI AUSTRIA GMBH, E + E Elektronik, MATERIALS CENTER LOBEN FORSCHUNG GMBH, QPLOX ENGINEERING, Sylvac SA, TORNOS SA, CSEM CENTRE SUISSE D'ELECTRONIQUE ET DE MICROTECHNIQUE SA - RECHERCHE ET DEVELOPPEMENT, SMARTMOTION S.R.O., UJV REZ, a. s., ZAPADOCESKA UNIVERZITA V PLZNI, aixACCT Systems GmbH, CREA VAC-CREATIVE VAKUUMBESCHICHTUNG GMBH, INNOSENT GMBH, Pac Tech - Packaging Technologies GmbH, WUERTH ELEKTRONIK ROT AM SEE GMBH & CO. KG, FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., TECHNISCHE UNIVERSITAET CHEMNITZ, Luna Geber Engineering S.R.L., QUANTAVIS SRL, APPLIED MATERIALS ITALIA SRL, CONSORZIO NAZIONALE INTERUNIVERSITARIO PER LA NANOELETTRONICA, SAF Tehnika, RIGAS TEHNISKA UNIVERSITATE, REDEN B.V., TIPb Technisch Industriële Procesbeheersing, Besi Netherlands BV, OCE TECHNOLOGIES B.V., STICHTING IMEC NEDERLAND, TECHNISCHE UNIVERSITEIT DELFT, SIEC BADAWCZA LUKASIEWICZ - INSTYTUT TECHNOLOGII ELEKTRONOWEJ</p>

InSecTT	<p>Kompetenzzentrum - Das Virtuelle Fahrzeug, Forschungsgesellschaft mbH, ABB AB, ACCIONA CONSTRUCCION SA, AEROPORTI DI PUGLIA SOCIETA PER AZIONI, AKEO PLUS, ALTRANPORTUGAL, SA, ARCELIK A.S., AVL LIST GMBH, CISC SEMICONDUCTOR GMBH, CMLKK Bilisim Teknolojileri Hizmetleri A.S., COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, CONSORZIO INTERUNIVERSITARIO NAZIONALE PER L'INFORMATICA, CORK INSTITUTE OF TECHNOLOGY, EUROTTECH SPA, FEV POLSKA SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA, F-SECURE OYJ, IDEMIA IDENTITY & SECURITY FRANCE, Indra Factoría Tecnológica, S.L.U., INSTITUT JOZEF STEFAN, INSTITUTO SUPERIOR DE ENGENHARIA DO PORTO, J.I.G. INTERNET CONSULTING SL, UNIVERSITAT LINZ, Kaitotek Oy, KLAS LIMITED, KUNGLIGA TEKNISKA HOEGSKOLAN, LEONARDO - SOCIETA PER AZIONI, LINZ CENTER OF MECHATRONICS GMBH, MAELARDALENS HOEGSKOLA, MARMARA UNIVERSITY, MONDRAGON GOI ESKOLA POLITEKNIKOIA JOSE MARIA ARIZMENDIARRIETA S COOP, NuRD Yazilim A.S., NXP SEMICONDUCTORS AUSTRIA GMBH, NXP SEMICONDUCTORS NETHERLANDS BV, O2 QUANT, PHILIPS ELECTRONICS NEDERLAND B.V., POLITECHNIKA GDANSKA, REALTIME EMBEDDED AB, RISE RESEARCH INSTITUTES OF SWEDEN AB, SCANIA CV AB, SILICON AUSTRIA LABS GMBH, SETA, STMICROELECTRONICS ROUSSET SAS, TECHNISCHE UNIVERSITEIT DELFT, Teknologian tutkimuskeskus VTT Oy, Tieto Finland Oy, TR Arastirma Gelistirme Uretim Yazilim San. ve Tic. Ltd. Sti., TYCO IRELAND LIMITED, UNIVERSIDAD POLITECNICA DE MADRID, UNIVERSITEIT TWENTE, UNIVERSITY COLLEGE CORK - NATIONAL UNIVERSITY OF IRELAND, CORK, VEMCO SP ZOO, Vortex - Associação para o Laboratório Colaborativo em Sistemas Cíber-Físicos e Cíber-Segurança, WAPICE OY, WESTERMO TELEINDUSTRI AB</p>
iRel40	<p>INFINEON TECHNOLOGIES AUSTRIA AG, AMS AG, AT & S AUSTRIA TECHNOLOGIE & SYSTEMTECHNIK AKTIENGESELLSCHAFT, AVL LIST GMBH, INFINEON TECHNOLOGIES IT-SERVICES GMBH, KAI KOMPETENZZENTRUM AUTOMOBIL - UND INDUSTRIE ELEKTRONIK GMBH, MATERIALS CENTER LEOBEN FORSCHUNG GMBH, TECHNISCHE UNIVERSITAET GRAZ, TECHNISCHE UNIVERSITAET WIEN, Kompetenzzentrum - Das Virtuelle Fahrzeug, Forschungsgesellschaft mbH, Robert Bosch Semiconductor Manufacturing Dresden GmbH, ELMOS Semiconductor AG, FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., Forschungs- und Transferzentrum e.V. an der Westsächsischen Hochschule Zwickau, GOEPEL ELECTRONIC GMBH, HAHN-SCHICKARD-GESELLSCHAFT FUER ANGEWANDTE FORSCHUNG E.v., INFINEON TECHNOLOGIES AG, INFINEON TECHNOLOGIES DRESDEN GMBH & CO KG, LEC GmbH, PUMACY TECHNOLOGIES AG, Schweizer Electronic AG, SENSITEC GMBH, TECHNISCHE UNIVERSITAET CHEMNITZ, TECHNISCHE UNIVERSITAET DRESDEN, UNIVERSITAET BREMEN, WESTSACHSISCHE HOCHSCHULE ZWICKAU, X-FAB Dresden GmbH & Co. KG, X-FAB SEMICONDUCTOR FOUNDRIES GMBH, Laser Imaging Systems GmbH, NANO DESIGN SRO, SLOVENSKA TECHNICKA UNIVERZITA V BRATISLAVE, EDR & MEDESO AB, Inmotion Technologies AB, QRTECH AKTIEBOLAG, RISE IVF AB, SCANIA CV AB, AALTO KORKEAKOULUSAATIO SR, Forciot Oy, OKMETIC OY, Teknologian tutkimuskeskus VTT Oy, SCREENTEC OY, INTERUNIVERSITAIR MICRO-ELECTRONICA CENTRUM, MinDCet NV, NiniX Technologies NV, ON SEMICONDUCTOR BELGIUM BVBA, INERGY AUTOMOTIVE SYSTEMS RESEARCH SA, SIRRI HET COLLECTIEF CENTRUM VAN DE TECHNOLOGISCHE INDUSTRIE, INFINEON TECHNOLOGIES ITALIA SRL, CONSORZIO NAZIONALE INTERUNIVERSITARIO PER LA NANO ELETTRONICA, LFOUNDRY SRL, TEKNE SRL, UNIVERSITA DEGLI STUDI DELL'AQUILA, BATZ SOCIEDAD COOPERATIVA, BSH ELECTRODOMESTICOS ESPANA SA, Construcciones y Auxiliar de Ferrocarriles, S.A., AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, IKERLAN S. COOP, KNOWLEDGE CENTRIC SOLUTIONS SL, UNIVERSIDAD DE CASTILLA - LA MANCHA, UNIVERSIDAD CARLOS III DE MADRID, ULMA EMBEDDED SOLUTIONS S COOP, ALTER TECHNOLOGY TUV NORD SA,</p>

	IWO PROJECT BV, JIACO INSTRUMENTS BV, TECHNISCHE UNIVERSITEIT DELFT, NEXPERIA BV, SIGNIFY NETHERLANDS BV, ARCELIK A.S., Enforma Bilisim Anonim Sirketi, MARMARA UNIVERSITY, Pavo Tasarim Uretim Elektronik Tic. A.S., ELAPHE POGONSKE TEHNOLOGIJE DOO, INSTITUT JOZEF STEFAN, ATEP - AMKOR TECHNOLOGY PORTUGAL SA, IDRYMA TECHNOLOGIAS KAI EREVNAS, THALES SA, UNITED MONOLITHIC SEMICONDUCTORS SAS, UNIVERSITE LYON 1 CLAUDE BERNARD, III-V LAB
IT2	ASML NETHERLANDS B.V., APPLIED MATERIALS BELGIUM, APPLIED MATERIALS ISRAEL LTD, AMPHOS GMBH, STICHTING NEDERLANDSE WETENSCHAPPELIJK ONDERZOEK INSTITUTEN, BRUKER JV ISRAEL LTD, Cadence Design Systems S.A.S, CAMECA, COVENTOR SARL, EV GROUP E. THALLNER GMBH, ION BEAM SERVICES, INTERUNIVERSITAIR MICRO-ELECTRONICA CENTRUM, LEIBNIZ-INSTITUT FUR OBERFLACHENMODIFIZIERUNG, KLA-Tencor MIE GmbH, KLA-TENCOR CORPORATION (ISRAEL), LASER SYSTEMS & SOLUTIONS OF EUROPE, NOVA MEASURING INSTRUMENTS LTD, PFEIFFER VACUUM, PRODRIVE TECHNOLOGIES BV, PHYSIKALISCH-TECHNISCHE BUNDESANSTALT, RECIF TECHNOLOGIES, REDEN B.V., SEMILAB FELVEZETO FIZIKAI LABORATORIUM RESZVENYTARSASAG, SILTRONIC AG, SmartTip BV, SOITEC SA, SPTS TECHNOLOGIES LIMITED, FEI ELECTRON OPTICS BV, NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK TNO, TECHNISCHE UNIVERSITEIT EINDHOVEN, UNITY SEMICONDUCTOR, UNIVERSITATEA POLITEHNICA DIN BUCURESTI, VDL ETG TECHNOLOGY & DEVELOPMENT BV, CARL ZEISS SMT GMBH
Moore4Medical	PHILIPS ELECTRONICS NEDERLAND B.V., PHILIPS MEDICAL SYSTEMS NEDERLAND BV, NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK TNO, STICHTING IMEC NEDERLAND, UNIVERSITEIT MAASTRICHT, SALVIA BIOELECTRONICS BV, TECHNISCHE UNIVERSITEIT EINDHOVEN, TECHNISCHE UNIVERSITEIT DELFT, BIOND Solutions BV, Besi Netherlands BV, MICRONIT MICROTECHNOLOGIES BV, STMICROELECTRONICS SRL, UNIVERSITA DEGLI STUDI DI FIRENZE, UNIVERSITA DEGLI STUDI DI PAVIA, MENARINI SILICON BIOSYSTEMS SPA, UNIVERSITA DEGLI STUDI ROMA TRE, UNIVERSITY COLLEGE CORK - NATIONAL UNIVERSITY OF IRELAND, CORK, BOSTON SCIENTIFIC LIMITED, AbbVie Ireland NL B.V., BRIVANT LIMITED, HI IBERIA INGENIERIA Y PROYECTOS SL, UNIVERSIDAD DEL PAIS VASCO/ EUSKAL HERRIKO UNIBERTSITATEA, BEONCHIP SL, microLIQUID sl, UNIVERSIDAD DE ZARAGOZA, Fundación Instituto de Investigación Sanitaria Aragón, IHS weigling, INSTITUT DE RECERCA BIOMEDICA DE LLEIDA FUNDACIO PRIVADA DOCTOR PIFARRE, INTERUNIVERSITAIR MICRO-ELECTRONICA CENTRUM, ansem, ICSENSE NV, Teknologian tutkimuskeskus VTT Oy, OKMETIC OY, PICOSUN OY, TURUN YLIOPISTO, Gemalto Oy, OY EVERON AB, VitalSignum Oy, REMOTEA OY, PRECORDIOR OY, EMFIT OY, FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., ALBERT-LUDWIGS-UNIVERSITAET FREIBURG, MULTI CHANNEL SYSTEMS MCS GMBH, MICROFLUIDIC CHIPSHOP GMBH, MICRONIT GMBH, AESCULAP AG, KARLSRUHER INSTITUT FUER TECHNOLOGIE, OSYPKA AG, CORTEC GMBH, GAUDLITZ GmbH, TECHNISCHE UNIVERSITAET WIEN, EV GROUP E. THALLNER GMBH, BESI AUSTRIA GMBH, CSEM CENTRE SUISSE D'ELECTRONIQUE ET DE MICROTECHNIQUE SA - RECHERCHE ET DEVELOPPEMENT, INSPHERO AG, Inpher SARL, 3db Access AG, DYCONEX AG, LABORATORIO IBERICO INTERNACIONAL DE NANOTECNOLOGIA, INSTITUTO DE TELECOMUNICACOES, INESC ID - INSTITUTO DE ENGENHARIADE SISTEMAS E COMPUTADORES, INVESTIGACAO E DESENVOLVIMENTO EM LISBOA, INESC MICROSISTEMAS E NANOTECNOLOGIAS-INSTITUTO DE ENGENHARIA DE SISTEMAS DE COMPUTADORES PARA OS MICROSISTEMAS E AS NANOTECNOLOGIAS, SILICONGATE LDA, PDM E FC PROJECTO DESENVOLVIMENTO MANUTENCAO

FORMACAO E CONSULTADORIALDA, MAGYAR TUDOMANYOS AKADEMIA
ENERGIATUDOMANYI KUTATOKOZPONT, Aedus Space Kft., INSTITUTUL
NATIONAL DE CERCETAREDEZVOLTARE PENTRU MICROTEHNOLOGIE

ANNEX 3 - LIST OF PROPOSALS RETAINED FOR THE RESERVE LIST

The following proposals are put on the reserve list: not applicable

ANNEX 4 - LIST OF NON-RETAINED PROPOSALS

The following proposals are not viable due to exhaustion of public funding: TRANSACT, STEFFI , HiFIVE, ALMAe.