



DECISION OF THE PUBLIC AUTHORITIES BOARD OF THE ECSEL JOINT UNDERTAKING

Adopting the selection of project proposals retained for funding following ECSEL Call 2019-2 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 2019 and describing the scope and budget of ECSEL Calls 2019-2²,

WHEREAS:

- (1) Pursuant to the work plan, the Joint Undertaking has published on 6 February 2019, the ECSEL Call H2020-ECSEL-2019-2-IA-TWO STAGE with a deadline of 18 September 2019;
- (2) 21 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 21 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 21 full project proposals, the following results are reported in the Evaluation Report of the ECSEL Call 2019-2:
 - Evaluation Summary Reports were produced for each proposal,

¹ ECSEL PAB 2018.31

² ECSEL GB 2019.118

- 1 proposal did not reach the evaluation thresholds and was included in the "below threshold" list,
 - 20 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

7 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

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

Article 5

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

Article 6

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 7

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

Done at Brussels, on 25 November 2019,

For the Public Authorities Board

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

Rank	Project
1	Progressus
2	ADACORSA
3	NextPerception
4	VALU3S
5	ANDANTE
6	DENSE365
7	SANSEI
8	MOCAA
9	RE-MAGUS
10	Trust2All
11	BRAIN
12	Swiftcare
13	HERMES-SRS
14	EVISION
15	3IoTech
16	DELFOSS
17	TwinLED

Special topic 1:

Rank	Project
1	ArchitectECA2030

Special topic 2:

Rank	Project
1	FRACTAL
2	BRAINE

ANNEX 2 - LIST OF SELECTED PROPOSALS RETAINED FOR FUNDING**Call: ECSEL 2019-2 including special topics**

Call	Proposal Acronym	Coordinator legal name	EPS	H2020 Cost	Max. EU Funding
RIA-ST1	ArchitectECA2030	INFINEON TECHNOLOGIES AG	DE	14,417,822.50	4,101,451.04
RIA-ST2	FRACTAL	IKERLAN S. COOP	ES	16,312,778.75	4,933,928.19
RIA-ST2	BRAINE	CONSORZIO NAZIONALE INTERUNIVERSITARIO PER LE TELECOMUNICAZIONI	IT	17,137,493.75	4,994,119.76
RIA	Progressus	INFINEON TECHNOLOGIES AG	DE	20,186,981.25	5,997,358.32
RIA	ADACORSA	INFINEON TECHNOLOGIES AG	DE	42,140,641.25	11,999,837.95
RIA	NextPerception	Teknologian tutkimuskeskus VTT Oy	FI	28,707,925.75	8,728,877.56
RIA	VALU3S	RISE RESEARCH INSTITUTES OF SWEDEN AB	SE	26,100,506.50	7,749,844.55
TOTAL				165,004,149.75	48,505,417.37

Proposal	Legal Name of Participant
ADACORSA	<p>INFINEON TECHNOLOGIES AG, RUHR-UNIVERSITAET BOCHUM, FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., GIESECKE+DEVRIENT MOBILE SECURITY GMBH, esc Aerospace GmbH, OSTBAYERISCHE TECHNISCHE HOCHSCHULEAMBERG-WEIDEN, UNIVERSITAET DER BUNDESWEHR MUENCHEN, Syrphus GmbH, BAUHAUS LUFTFAHRT EV, SYSGO AG, AVIONTEK GMBH, HFC HUMAN-FACTORS-CONSULT GMBH, NXP SEMICONDUCTORS NETHERLANDS BV, ALMENDE BV, ANYWI TECHNOLOGY BV, Innatera Nanosystems B.V., TECHNISCHE UNIVERSITEIT DELFT, TECHNOLUTION BV, Celestia Technologies Group B.V., STICHTING NATIONAAL LUCHT- EN RUIMTEVAARTLABORATORIUM, AVULAR BV, INFINEON TECHNOLOGIES AUSTRIA AG, TTTECH COMPUTERTECHNIK AG, FREQUENTIS AG, TECHNISCHE UNIVERSITAET GRAZ, Kompetenzzentrum - Das Virtuelle Fahrzeug, Forschungsgesellschaft mbH, UNIVERSITAET KLAGENFURT, CISC SEMICONDUCTOR GMBH, COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, LUNDS UNIVERSITET, ERICSSON AB, Katam Technologies AB, IOTAM INTERNET OF THINGS APPLICATIONS AND MULTI LAYER DEVELOPMENT LTD, ALTUS LSA COMMERCIAL AND MANUFACTURING SA, HAROKOPIO UNIVERSITY, UAB METIS BALTIC, INSTITUTO SUPERIOR DE ENGENHARIA DO PORTO, AIRHOLDING S.A., FORD OTOMOTIV SANAYI ANONIM SIRKETI, TUSAS-TURK HAVACILIK VE UZAY SANAYII AS, TURKCELL TEKNOLOJI ARASTIRMA VE GELISTIRME ANONIM SIRKETI, TURKIYE BILIMSEL VE TEKNOLOJIK ARASTIRMA KURUMU, SMART IS MAKINALARI SANAYI VE TICARET A.S, Robonik Mekatronik Teknolojileri Danismanlik Sanayi ve Ticaret Limited Sirketi, INFINEON TECHNOLOGIES ITALIA SRL, CONSORZIO NAZIONALE INTERUNIVERSITARIO PER LA NANOELETTRONICA, UNIVERSITA DEGLI STUDI DI PARMA, NOKIA TECHNOLOGIES OY, TAMPEREEN KORKEAKOULUSAATIO SR, CROSSCONTROL OY</p>
NextPerception	<p>Teknologian tutkimuskeskus VTT Oy, ACORDE TECHNOLOGIES SA, AITEK SPA, BENETE OY, ROBERT BOSCH GMBH, VYSOKE UCENI TECHNICKE V BRNE, CAMEA, spol. s r.o., consider it GmbH, COMmeto, AGENCIA ESTATAL CONSEJO SUPERIOR DEINVESTIGACIONES CIENTIFICAS, ELIVE ECOSYSTEM OY, EMOJ, EVALAN BV, EVOTEL INFORMATICA SL, FLIR Systems Trading Belgium FSTB BVBA, HI IBERIA INGENIERIA Y PROYECTOS SL, INSTITUT MIKROELEKTRONICKYCH APLIKACI S.R.O., STICHTING IMEC NEDERLAND, INTERUNIVERSITAIR MICRO-ELECTRONICA CENTRUM, INSTITUT DE RECERCA BIOMEDICA DE LLEIDA FUNDACIO PRIVADA DOCTOR PIFARRE, STICHTING KEMPENHAEGHE, KATHOLIEKE UNIVERSITEIT LEUVEN, MACQ SA, MODULIGHT OY, NXP SEMICONDUCTORS GERMANY GMBH, NXP SEMICONDUCTORS NETHERLANDS BV, POZYX LABS, RE:LAB S.R.L., RULEX INNOVATION LABS SRL, SEVEN SOLUTIONS SL, S.M.S, SMART MICROWAVE SENSORS GMBH, SMART ROBOTICS BV, TELEVIC HEALTHCARE NV, NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK TNO, TTS KEHITYS OY, TECHNISCHE UNIVERSITAET DRESDEN, TECHNISCHE UNIVERSITEIT EINDHOVEN, ALMA MATER STUDIORUM - UNIVERSITA DI BOLOGNA, UNIVERSITAET BREMEN, UNIVERSITA DEGLI STUDI DI PARMA, UNIVERSITA DEGLI STUDI SUOR ORSOLA BENINCASA, UNIVERSITA DEGLI STUDI DI TORINO, UNIVERSIDAD DE VIGO</p>
Progressus	<p>INFINEON TECHNOLOGIES AG, DEVOLO AG, MIXED MODE GMBH, Ceus UG, FRIEDRICH-ALEXANDER-UNIVERSITAET ERLANGEN NUERNBERG, TECHNISCHE HOCHSCHULE KOLN, STICHTING ELAADNL, HELIOX BV, GREENFLUX ASSETS BV, TECHNISCHE UNIVERSITEIT EINDHOVEN, TECHNISCHE UNIVERSITEIT DELFT, IQUADRAT INFORMATICA SL, HYBRID ENERGY STORAGE SOLUTIONS SOCIEDAD LIMITADA, CENTRE TECNOLOGIC DE TELECOMUNICACIONS DE CATALUNYA, ACONDICIONAMIENTO TARRASENSE ASSOCIACION, STMICROELECTRONICS SRL, ENEL X SRL, POLITECNICO DI BARI, CONSORZIO NAZIONALE INTERUNIVERSITARIO PER LA NANOELETTRONICA, UNIVERSITA DEGLI STUDI DI MESSINA, SLOVENSKA TECHNICKA UNIVERZITA V BRATISLAVE, R-DAS, s.r.o.</p>

VALU3S	<p>RISE RESEARCH INSTITUTES OF SWEDEN AB, STAM SRL, FONDAZIONE BRUNO KESSLER, KNOWLEDGE CENTRIC SOLUTIONS SL, UNIVERSITA DEGLI STUDI DELL'AQUILA, INSTITUTO SUPERIOR DE ENGENHARIA DO PORTO, UNIVERSITA DEGLI STUDI DI GENOVA, CAMEA, spol. s r.o., IKERLAN S. COOP, R G B MEDICAL DEVICES SA, UNIVERSIDADE DE COIMBRA, VYSOKE UCENI TECHNICKE V BRNE, ROBOAUTO S.R.O., ESKISEHIR OSMANGAZI UNIVERSITESI, KUNGLIGA TEKNISKA HOEGSKOLAN, STATENS VAG- OCH TRANSPORTFORSKNINGSINSTITUT, UNIVERSIDAD DE CASTILLA - LA MANCHA, FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., SIEMENS AKTIENGESELLSCHAFT OESTERREICH, RULEX INNOVATION LABS SRL, NXP SEMICONDUCTORS GERMANY GMBH, PUMACY TECHNOLOGIES AG, UNITED TECHNOLOGIES RESEARCH CENTRE IRELAND, LIMITED, NATIONAL UNIVERSITY OF IRELAND MAYNOOTH, Inovasyon Muhendislik Teknoloji Gelistirme Danismanlik San. Tic. Ltd. Sti, ERGUNLER INSAAT PETROL URUNLERI OTOMOTIV TEKSTIL MADENCILIK SU URUNLER SANAYI VE TICARET LIMITED STI., OTOKAR Otomotiv ve Savunma Sanayi A.S., TECHY BILISIM TEKNOLOJILERI DANISMANLIK SANAYI VE TICARET LIMITED SIRKETI, Electrotecnica Alavesa S.I., INTECS SOLUTIONS SPA, LieberLieber Software GmbH, AIT AUSTRIAN INSTITUTE OF TECHNOLOGY GMBH, E.S.T.E. SRL, NXP SEMICONDUCTORS FRANCE SAS, BOMBARDIER TRANSPORTATION SWEDEN AB, QRTECH AKTIEBOLAG, CAF SIGNALLING S.L, PERCEIVE3D SA, ALTEN SVERIGE AKTIEBOLAG, MONDRAGON GOI ESKOLA POLITEKNIKOA JOSE MARIA ARIZMENDIARRIETA S COOP, Infotiv AB, Berge Consulting AB</p>
ArchitectECA2030	<p>INFINEON TECHNOLOGIES AG, AVL LIST GMBH, VYSOKE UCENI TECHNICKE V BRNE, INFINEON TECHNOLOGIES AUSTRIA AG, INSTITUT MIKROELEKTRONICKYCH APLIKACI S.R.O., NXTECH AS, NXP SEMICONDUCTORS NETHERLANDS BV, TracSense AS, SafeTRANS e.V., SBA RESEARCH GEMEINNUTZIGE GMBH, SINTEF AS, UAB TERAGLOBUS, TECHNISCHE UNIVERSITAET GRAZ, Board of Regents, NSHE, obo, University of Nevada, Reno, Kompetenzzentrum - Das Virtuelle Fahrzeug, Forschungsgesellschaft mbH, TECHNISCHE UNIVERSITAET DRESDEN, DATASOFT Embedded GmbH, INSTITUT NATIONAL DE RECHERCHE ENINFORMATIQUE ET AUTOMATIQUE, KUNGLIGA TEKNISKA HOEGSKOLAN, HAROKOPIO UNIVERSITY, TECHNISCHE UNIVERSITEIT DELFT, VOLKSWAGEN AG, AVL MTC MOTORTTESTCENTER AB</p>
BRAINE	<p>CONSORZIO NAZIONALE INTERUNIVERSITARIO PER LE TELECOMUNICAZIONI, PIETRZYK SLAWOMIR, COMCORES APS, HIRO-MicroDataCenters BV, MELLANOX TECHNOLOGIES LTD - MLNX, EMC INFORMATION SYSTEMS INTERNATIONAL, PCB Design Kutató és Fejlesztő Kft, NEC LABORATORIES EUROPE GMBH, GOTTFRIED WILHELM LEIBNIZ UNIVERSITAET HANNOVER, SECURE-IC SAS, SIXSQ SARL, ECCENCA GMBH, WIND TRE SPA, IMC-Industrial Management Consulting Slovakia, s.r.o., SCUOLA SUPERIORE DI STUDI UNIVERSITARI E DI PERFEZIONAMENTO S ANNA, ITALTEL SPA, VMWARE BULGARIA EOOD, JJ COOLING INNOVATION SARL, BUDAPESTI MUSZAKI ES GAZDASAGTUDOMANYI EGYETEM, TECHNISCHE UNIVERSITEIT EINDHOVEN, INFINEON TECHNOLOGIES AG, Helder Innovation + Development, Kradiant Intelligence Oy, UNIVERSITY COLLEGE CORK - NATIONAL UNIVERSITY OF IRELAND, CORK, CESKE VYSOKE UCENI TECHNICKE V PRAZE, Factorio Solutions, s.r.o., Synano, SMARTY SAS</p>
FRACTAL	<p>IKERLAN S. COOP, BARCELONA SUPERCOMPUTING CENTER - CENTRO NACIONAL DE SUPERCOMPUTACION, UNIVERSITAT POLITECNICA DE VALENCIA, PROINTEC SA, CAF SIGNALLING S.L, Solver Machine Learning, S.L., zylk.net S.L., LKS S COOP, RULEX INNOVATION LABS SRL, AITEK SPA, UNIVERSITA DEGLI STUDI DELL'AQUILA, MODIS CONSULTING SRL, UNIVERSITA DEGLI STUDI DI MODENA E REGGIO EMILIA, UNIVERSITA DEGLI STUDI DI GENOVA, RO TECHNOLOGY SRL, AVL LIST GMBH, SIEMENS AKTIENGESELLSCHAFT OESTERREICH, Kompetenzzentrum - Das Virtuelle Fahrzeug, Forschungsgesellschaft mbH, UNIVERSITAET SIEGEN, QUALIGON GmbH, Beewen GmbH & Co. KG, Xilinx GmbH, IRT ANTOINE DE SAINT EXUPERY, EIDGENOESSISCHE TECHNISCHE HOCHSCHULE ZUERICH, ACP Advanced Circuit Pursuit AG, OULUN YLIOPISTO, Tieto Finland Oy, OFFCODE OY</p>

ANNEX 3 - LIST OF PROPOSALS RETAINED FOR THE RESERVE LIST

The following proposals are put on the reserve list: ANDANTE

ANNEX 4 - LIST OF NON-RETAINED PROPOSALS

The following proposals are not viable due to exhaustion of public funding: DENSE365, SANSEI, MOCAA, RE-MAGUS, Trust2All, BRAIN, Swiftcare, HERMES-SRS, EVISION, 3IoTech, DELFOS, TwinLED.

The following proposals are below threshold: VINDICATE