



Projects to be funded under Phase 1 of the Horizon 2020 Teaming call

30 January 2015

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*Research and
Innovation*

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Member State / Associated Country	Area	Acronym	Proposal Title	Coordinator in country	Partners
Bulgaria	Medicine, Life Sciences	PlantaSYST	Establishment of a Centre of Plant Systems Biology and Biotechnology for the translation of fundamental research into sustainable bio-based technologies in Bulgaria	Institute of Molecular Biology and Biotechnology	BG - MARITSA VEGETABLE CROPS RESEARCH INSTITUTE BG - ANGELOFF INSTITUTE OF MICROBIOLOGY, BULGARIAN ACADEMY OF SCIENCES DE - UNIVERSITAET POTSDAM DE - MAX PLANCK
Bulgaria	ICT	MMAC	Centre of Excellence for Mathematical Modelling and Advanced Computing	Institute of Information and Communication	BG - INSTITUTE OF MATHEMATICS AND INFORMATICS AT THE BULGARIAN ACADEMY OF SCIENCE AT - TECHNISCHE UNIVERSITAET WIEN
Cyprus	ICT	KIOS	KIOS Research Centre of Excellence for Intelligent Systems and Networks	University of Cyprus	UK - IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY AND MEDICINE
Cyprus	Social Science, Economics and institutional development	RISE	Research Centre in Interactive Media, Smart Systems and Emerging Technologies	Nicosia Municipality	DE - MAX PLANCK UK - UNIVERSITY COLLEGE LONDON CY -UNIVERSITY OF CYPRUS CY -CYPRUS UNIVERSITY OF TECHNOLOGY OPEN UNIVERSITY OF CYPRUS

**Projects to be funded under Phase 1 of the Horizon 2020
Teaming call**

Cyprus	Medicine, Life Sciences	CY-Biobank	Biobanking and the Cyprus Human Genome Project	University Cyprus	of AT - MEDIZINISCHE UNIVERSITAT GRAZ AT - Biobanking and BioMolecular Resources Research Infrastructure - ERIC CY - RTD TALOS LTD
Czech Republic	Physics & Chemistry	NANOMATC ON	Multifunctional Nanoparticles and Materials Controlled by Structure	TUL	DE - FRAUNHOFER CZ - Cesko- nemecka obchodni a prumyslova komora
Czech Republic	ICT	ADWICE	Advanced Wireless Technologies for Clever Engineering	VYSOKE UCENI TECHNICKE V BRNE	AT - TECHNISCHE UNIVERSITAET WIEN
Czech Republic	Physics & Chemistry	HiLASE CoE	HiLASE Centre of Excellence	FYZIKALNI USTAV AV CR V.V.I	UK - SCIENCE AND TECHNOLOGY FACILITIES COUNCIL
Estonia	ICT	EE-IT	EE-IT - Centre of Excellence on Connected Digital Economy	SIHTASUTUS EESTI TEADUSAGENTUU R	UK - THE UNIVERSITY OF EDINBURGH EE - TARTU ULIKOOL EE - TALLINNA TEHNIKAULIKOOL
Estonia	Social Science, Economics and institutional developmen t	FINEST TWINS	FINEST TWINS	TALLINNA TEHNIKAULIKOOL	FI - FORUM VIRIUM HELSINKI OY FI - AALTO- KORKEAKOULUSA ATIO EE - MAJANDUS JA KOMMUNIKATSIO ONIMINISTEERIU M
Hungary	Social Science, Economics and	smartpolis	Budapest Smart City Centre of Excellence	Hungarian Intellectual Property Office	DE - URBAN SOFTWARE INSTITUTE DE -

**Projects to be funded under Phase 1 of the Horizon 2020
Teaming call**

	institutional development				FRAUNHOFER HU -BUDAPESTI MUSZAKI
Hungary	ICT	EPIC	Centre of Excellence in Production Informatics and Control	NEMZETI INNOVACIOS HIVATAL	HU - MAGYAR TUDOMANYOS AKADEMIA SZAMITASTECHNIKAI ES AUTOMATIZALASI KUTATOINTEZET HU - BUDAPESTI MUSZAKI ES GAZDASAGTUDOMANYI EGYETEM DE - FRAUNHOFER AT - Fraunhofer Austria Research GmbH
Hungary	Medicine, Life Sciences	HU-MOLMEDEX	Creating the Hungarian Centre of Excellence for Molecular Medicine	NEMZETI INNOVACIOS HIVATAL	HU - MAGYAR TUDOMANYOS AKADEMIA SZEGEDIBIOLOGIAI KUTATOKOZPONT HU - DEBRECENI EGYETEM HU - SEMMELWEIS EGYETEM HU - SZEGEDI TUDOMANYEGYETEM DE - EUROPEAN MOLECULAR BIOLOGY LAB
Lithuania	Medicine, Life Sciences	HEALTH-TECH	Centre of Excellence in Science and Technology for Healthy Ageing	KAUNO TECHNOLOGIJOS UNIVERSITETAS	LT - LIETUVOS SVEIKATOS MOKSLU UNIVERSITETAS LT- VILNIAUS UNIVERSITETAS SE - LUNDS UNIVERSITET FI - VTT
Latvia	Physics & Chemistry	CAMART2	CAMART2	LATVIJAS UNIVERSITATES CIETVIELU FIZIKAS INSTITUTS	HU - BUDAPESTI MUSZAKI SE- KUNGLIGA TEKNISKA HOEGSKOLAN

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Malta	Industrial Technologies, Transport, Space & Security	TEMARA	Teaming to Extend Maltese Ambitions in the Aerospace Sector	Ministry of Tourism	NL - STICHTING NATIONAAL LUCHT MT - MINISTRY FOR EDUCATION AND EMPLOYMENT
Poland	Environment & Earth, Energy	CEZAMAT-Environment	CEZAMAT-Environment - Self-Organizing Networks for Real-Time, Wireless Monitoring of Natural Environment	NARODOWE CENTRUM BADAN I ROZWOJU	PL - CEZAMAT PW Sp. z o.o. FR - CEA DE - FRAUNHOFER
Poland	Physics & Chemistry	WCE	Wroclaw Centre of Excellence	NARODOWE CENTRUM BADAN I ROZWOJU	PL - POLITECHNIKA WROCLAWSKA DE - FRAUNHOFER-DE - JULIUS-MAXIMILIANS UNIVERSITAET WUERZBURG
Poland	Physics & Chemistry	ICRI-BioM	International Centre for Research on Innovative Bio-based Materials	NARODOWE CENTRUM BADAN I ROZWOJU	DE - MAX PLANCK PL - POLITECHNIKA LODZKA
Portugal	Agriculture & Food	SMARTAgri For	Collaboration to develop a business plan for the Centre of Agriculture and Forestry	FUNDACAO PARA A CIENCIA E A TECNOLOGIA	NL - WAGENINGEN UNIVERSITY NL - STICHTING DIENST LANDBOUWKUNDIG ONDERZOEK
Portugal	Medicine, Life Sciences	THE DISCOVERIES CTR	Development of a Business Plan for establishment of The Discoveries Centre for Regenerative and Precision Medicine, a new Centre of Excellence in Portugal	FUNDACAO PARA A CIENCIA E A TECNOLOGIA	PT - UNIVERSIDADE DO MINHO UK - UNIVERSITY COLLEGE LONDON PT - UNIVERSIDADE DO PORTO PT - UNIVERSIDADE DE AVEIRO PT - UNIVERSIDADE DE COIMBRA

**Projects to be funded under Phase 1 of the Horizon 2020
Teaming call**

					PT - UNIVERSIDADE NOVA DE LISBOA PT - UNIVERSIDADE DE LISBOA
Portugal	Medicine, Life Sciences	MIA	Multidisciplinary Institute for Ageing	Comissão de Coordenação e Desenvolvimento Regional do Centro	PT - UNIVERSIDADE DE COIMBRA UK - UNIVERSITY OF NEWCASTLE UPON TYNE PT - INSTITUTO PEDRO NUNES, ASSOCIACAO PARA A INOVACAO E DESENVOLVIMENTO EM CIENCIA NL - ACADEMISCH ZIEKENHUIS GRONINGEN
Portugal	Medicine, Life Sciences	NORTEXCE L2020	Creating a Centre of Excellence on Medical Devices in the Norte Region to boost RDI excellence	Comissão de Coordenação e Desenvolvimento Regional do Norte	PT - INSTITUTO POLITECNICO DO PORTO PT - INOVAMAI S - SERVICOS DE CONSULTADORIA EM INOVACAO TECNOLOGICA S.A. AT - JOANNEUM RESEARCH FORSCHUNGSGESELLSCHAFT MBH
Romania	Social Science, Economics and institutional development	CENTRIC	Centre for Excellence in TerRitorial management and Cadastre	Agentia Nationala de Cadastru si Publicitate Imobiliara	IT - PROVINCIA AUTONOMA DI TRENTO RO - INSTITUTUL NATIONAL DE CERCETARE IT - FONDAZIONE BRUNO KESSLER IT - TRILOGIS SRL DE - INI-Novation GmbH LU - TECHNOPORT SA BE - KATHOLIEKE UNIVERSITEIT

**Projects to be funded under Phase 1 of the Horizon 2020
Teaming call**

					LEUVEN
Serbia	Agriculture & Food	ANTARES	Centre of Excellence for Advanced Technologies in Sustainable Agriculture and Food Security	UNIVERZITET U NOVOM SADU	NL - STICHTING DIENST LANDBOUWKUNDIG ONDERZOEKRS - MINISTARSTVO PROSVETE, NAUKE I TEHNOLOSKOG RAZVOJA
Slovenia	Medicine, Life Sciences	ARTEMIDA	Advanced Regional Translation of Excellence into Medical Innovations for Delayed Aging	UNIVERZA LJUBLJANI	SE - KAROLINSKA INSTITUTET DE - EUROPEAN MOLECULAR BIOLOGY LAB
Slovenia	Physics & Chemistry	InnoRenew CoE	Renewable materials and healthy environments research and innovation centre of excellence (InnoRenew CoE)	UNIVERZA NA PRIMORSKEM UNIVERSITA DEL LITORALE	DE - FRAUNHOFER-SI - UNIVERZA V MARIBORU SI - JAVNI ZAVOD REPUBLIKE SLOVENIJE ZA VARSTVO KULTURNE DEDISCINE SI - ZAVOD ZA GRADBENISTVO SLOVENIJE SI - Pulp and Paper Institute SI - Zavod e-Oblak SI - NACIONALNI INSTITUT ZA JAVNO ZDRAVJE SI - REGIONALNA RAZVOJNA AGENCIJA - LJUBLJANSKE URBANE REGIJE ZAVOD
Slovakia	Physics & Chemistry	CEMEA	Building-up Centre of Excellence for advanced materials application	SLOVENSKA AKADEMIA VIED	FI - VTT FI - HELSINGIN YLIOPISTO

**Projects to be funded under Phase 1 of the Horizon 2020
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Slovakia	Physics & Chemistry	SlovakION	Slovak Centre of Excellence in Ion Beam and Plasma Technologies for Materials Engineering and Nanotechnology	SLOVENSKA TECHNICKA UNIVERZITA BRATISLAVE	DE - HELMHOLTZ-ZENTRUM DRESDEN-ROSSENDORF DE - ENGAGE KEY TECHNOLOGY VENTURES DE - TECHNISCHE UNIVERSITAET DRESDEN SK - MATADOR Industries DE - FRAUNHOFER
Slovakia	Physics & Chemistry	FunGLASS	Centre for functional and surface-functionalized glasses	TRENCIANSKA UNIVERZITA ALEXANDRA DUBCEKA TRENCINE	DE - FRIEDRICH-ALEXANDER-UNIVERSITAT ERLANGEN NURNBERG DE - FRIEDRICH-SCHILLER-UNIVERSITAT JENA ES - AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS IT - UNIVERSITA DEGLI STUDI DI PADOVA
Slovakia	Agriculture & Food	LignoSilva	Centre of Excellence of Forest-based Industry	NARODNE LESNICKE CENTRUM	SK - Výskumný ústav papiera a celulózy, a.s. FI - EUROPEAN FOREST INSTITUTE

Eligibility: The applicant organisation where the Centre of Excellence is/will be established should be based in a Member State or Associated Country that is ranked below 70% of the EU27 average of the composite indicator on Research Excellence.

This indicator measures research excellence in Europe, meaning the effects of European and national policies on the modernization of research institutions, the

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vitality of the research environment and the quality of research outputs in both basic and applied research.

It is composed of four variables:

- The share of highly cited publications in all publications where at least one of the authors has an affiliation in a given country;
- Number of top scientific universities and public research organizations in a country divided by million population;
- Patent applications per million population;
- Total value of ERC grants received divided by public R&D performed by the higher education and government sectors;

For more details, please see the [Horizon 2020 Work Programme 2014-15: Spreading Excellence and Widening Participation \(pdf\)](#).