



Announcement on India-EU Co-Funding
List of Selected Calls by DBT for Co-Funding in updated Horizon 2020
Work Programmes 2019-2020
Health, Bioeconomy, Clean Energy and Biotechnology

On 2 July 2019, the EC published the 'Horizon 2020' updated [Work programmes for 2019-2020](#) in which the Department of Biotechnology (DBT) has agreed to participate in 30 calls topics in the areas of its mandate.

See hereunder the full list of topics per thematic area earmarked by DBT for co-funding.

The list indicates the exact Call IDs, the opening and closing date of the call; the type of action provided and the link to the full call text as published in the [Horizon 2020 Funding & Tenders Portal](#).

Detailed information on the co-funding modalities for Indian researchers can be found on DBT website see <http://www.dbtindia.nic.in/wp-content/uploads/Call-doc-Horizon-2020-converted.pdf>

FOCUS AREA: HEALTH, DEMOGRAPHIC CHANGE AND WELLBEING
(SOCIETAL CHALLENGES 1)

Title	Topic Identifier	Type of Action	Opening Date	Deadline model	Closing Deadline	2 nd Stage Deadline
Better Health and care, economic growth and sustainable health systems						
Digital diagnostics – developing tools for supporting clinical decisions by integrating various diagnostic data	SC1-BHC-06-2020	RIA	4 July 2019	single-stage	7 April 2020	NA
Global Alliance for Chronic Diseases (GACD) - Prevention and/or early diagnosis of cancer	SC1-BHC-17-2020	RIA	4 July 2019	single-stage	7 April 2020	NA
New approaches for clinical management and prevention of resistant bacterial infections in high prevalence settings	SC1-BHC-34-2020	RIA	4 July 2019	single-stage	7 April 2020	NA
Micro- and nano-plastics in our environment: Understanding exposures and impacts on human health	SC1-BHC-36-2020	RIA	4 July 2019	single-stage	7 April 2020	NA
Towards the new generation of clinical trials – trials methodology research	SC1-BHC-37-2020	RIA	4 July 2019	single-stage	7 April 2020	NA
Coordinating and supporting research on the human microbiome in Europe	SC1-HCO-17-	CSA	4 July 2019	single-stage	7 April 2020	NA

and beyond	2020					
Reliable and accessible information on cell and gene-based therapies	SC1-HCO-19-2020	CSA	4 July 2019	single-stage	7 April 2020	NA
Trusted digital and Cybersecurity in Health and Care						
AI for Genomics and Personalised Medicine	DT-TDS-04-2020	RIA	9 July 2019	single-stage	13 November 2019	NA
AI for Health Imaging	DT-TDS-05-2020	RIA	9 July 2019	single-stage	13 November 2019	NA

FOCUS AREA: FOOD SECURITY, SUSTAINABLE AGRICULTURE AND FORESTRY, MARINE, MARITIME AND INLAND WATER RESEARCH AND THE BIO ECONOMY (SOCIETAL CHALLENGE 2)

Title	Topic Identifier	Type of Action	Opening Date	Deadline model	Closing Deadline	2 nd Stage Deadline
Sustainable Food Security						
Healthy terrestrial livestock microbial ecosystems for sustainable production	SFS-02-2020	RIA	15 October 2019	two-stage	22 January 2020	8 September 2020
Stepping up integrated pest management	SFS-06-2018-2020	CSA	15 October 2019	single-stage	22 January 2020	NA
Genome and epigenome enabled breeding in terrestrial livestock	SFS-13-2020	RIA	15 October 2019	two-stage	22 January 2020	8 September 2020
Rural Renaissance						
Reducing food losses and waste along the agri-food value chain	RUR-07-2020	IA	15 October 2019	single-stage	22 January 2020	NA
Closing nutrient cycles: C.[2020] Bio-based fertilisers from by-products of the agri-food, fisheries, aquaculture or forestry sectors (IA)	CE-RUR-08-2018-2019-2020	IA	15 October 2019	single-stage	22 January 2020	NA
Closing nutrient cycles: D.[2020] Bio-based fertilisers from waste water and sewage sludge (RIA)	CE-RUR-08-2018-2019-2020	RIA	15 October 2019	two-stage	22 January 2020	8 September 2020
Food and Natural Resources						
Industrial microbiomes – learning from nature	FNR-12-2020	RIA	15 October 2019	two-stage	22 January 2020	8 September 2020
Pilot action for the removal of marine plastics and litter	CE-FNR-09-2020	IA	15 October 2019	single-stage	22 January 2020	NA

Innovative textiles – reinventing fashion	CE-FNR-14-2020	IA	15 October 2019	single-stage	22 January 2020	NA
Pilot circular bio-based cities – sustainable production of bio-based products from urban biowaste and wastewater	CE-FNR-17-2020	IA	15 October 2019	single-stage	22 January 2020	NA

FOCUS AREA: SECURE, CLEAN & EFFICIENT ENERGY
(SOCIETAL CHALLENGE 3)

Title	Topic Identifier	Type of Action	Opening Date	Deadline model	Closing Deadline	2 nd Stage Deadline
Global leadership in renewables						
Demonstration of advanced biofuels production from aquatic biomass	LC-SC3-RES-27-2020	IA	3 September 2019	single-stage	11 December 2019	NA
Combined clean biofuel production and phytoremediation solutions from contaminated lands worldwide	LC-SC3-RES-37-2020	RIA	3 December 2019	single-stage	21 April 2020	NA
International cooperation with Japan for Research and Innovation on advanced biofuels and alternative renewable fuels	LC-SC3-RES-25-2020	RIA	5 May 2020	single-stage	1 September 2020	NA
International cooperation with Canada on advanced biofuels and bioenergy	LC-SC3-RES-36-2020	RIA	5 May 2020	single-stage	1 September 2020	NA

FOCUS AREA: NANOTECHNOLOGIES, ADVANCED MATERIALS, BIOTECHNOLOGIES AND ADVANCED MANUFACTURING AND PROCESSING
(NMBP)

Title	Topic Identifier	Type of Action	Opening Date	Deadline model	Closing Deadline	2 nd Stage Deadline
Biotechnology						
Reprogrammed microorganisms for biological sensors	BIOTEC-06-2020	IA	3 July 2019	two stage	12 December 2019	14 May 2020
Multi-omics for genotype-phenotype associations	BIOTEC-07-2020	RIA	3 July 2019	two stage	12 December 2019	14 May 2020
New biotechnologies to remediate harmful contaminants	CE-BIOTEC-08-2020	RIA	3 July 2019	two stage	12 December 2019	14 May 2020
Upcycling Bio Plastics of food and drinks packaging	CE-BIOTEC-09-2020	RIA	3 July 2019	two stage	12 December 2019	14 May 2020
Medical Technology Innovations						
Biological scaffolds for tissue	NMBP-21-	RIA	3 July	two	12 December	14 May

regeneration and repair (RIA) NMBP-21-2020	2020		2019	stage	2019	2020
Next generation organ-on-chip	DT-NMBP-23-2020	RIA	3 July 2019	two stage	12 December 2019	14 May 2020
Open Innovation Test Beds						
Open Innovation Test Beds for nano-enabled bio-based materials	DT-NMBP-04-2020	IA	3 July 2019	two stage	12 December 2019	14 May 2020