Apeluri portal Comisia Europeana

(cu deschidere in perioada iulie-septembrie 2019)

Work Programme	Call Name	Topic	Start date	Deadline	About	Link
Nanotechnologies, Advanced Materials, Biotechnology and Advanced Manufacturing and Processing	Industrial Sustainability + follow the link for more topics	Artificial Intelligence and Big Data Technologies for Process Industries	03 July 2019	05 February 2020	Scope: The Coordination and Support Action should identify, based on a mapping of digital technologies in process industries and their level of penetration, which specific AI- and big data technologies are most relevant, and what are, or could	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCod
Nanotechnologies, Advanced Materials, Biotechnology and Advanced Manufacturing and Processing	Industrial Sustainability + follow the link for more topics	Materials for off shore energy	03 July 2019	12 December 2019	Scope: Develop new and/or improved material solutions or improvements by a combination of materials, technologies and design of structural and functional components. This should result in one or more of the followine proaerties:	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCod
Cross-cutting activities	Competitive, Low Carbon and Circular Industries + follow the link for more topics	ERA-NET on materials, supporting the circular economy and Sustainable Development Goals	03 July 2019	05 February 2020	Scope: The proposed ERA-NET aims at coordinating the research efforts of the participating Member States, Associated States and Regions in the field of materials. continuing the activities started by M-ERA.NET, for materials	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;freeTextSearchKeyword=H2020-LOW-CARBON-CIRCULAR-INDUSTRIES-
Cross-cutting activities	Competitive, Low Carbon and Circular Industries + follow the link for more topics	Develop, implement and assess a circular economy oriented product information management system for complex products from cradle to cradle	03 July 2019	05 February 2020	Scope: Proposals are expected to bring together all relevant actors along product related value chains – product designers, producers, consumers, businesses providing repair or refurbishment, data provider and manager, sorters and	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;freeTextSearchKeyword=H2020-LOW-CARBON-CIRCULAR-INDUSTRIES-
Nanotechnologies, Advanced Materials, Biotechnology and Advanced Manufacturing and Processing	Transforming European Industry + follow the link for more topics	Upcycling Bio Plastics of food and drinks packaging	03 July 2019	12 December 2019	Scope: Proposals will address as many as possible of the following aspects: Expand the potential of current technologies and materials for the	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;freeTextSearchKeyword=H2020-NMBP-TR-IND-2018-2020;typeCodes=1;statusCodes=31094501,31094502;progra
Nanotechnologies, Advanced Materials, Biotechnology and Advanced Manufacturing and Processing	Transforming European Industry + follow the link for more topics	New biotechnologies to remediate harmful contaminants	03 July 2019	15 April 2020	Scope: Proposals should cover the following activities: Research and innovation for efficient and low cost remediation strategies using microorganisms by means of emerging biotechnologies that require minimum	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;freeTextSearchKeyword=H2020-NMBP-TR-IND-2018-2020;typeCodes=1;statusCodes=31094501,31094502;progra
Health, demographic change and wellbeing	Better Health and care, economic growth and sustainable health systems + follow the link for more topics	Towards a Health research and innovation Cloud: Capitalising on data sharing initiatives in health research	04 July 2019	07 April 2020	The successful project should bring together data-intensive EU health research initiatives to design an implementation roadmap /strategic agenda for a one-stop shop, a HRIC FAIR data portal respecting legal and ethics requirements. It should also define and promote, among research projects, procedures to make	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCod
Health, demographic change and wellbeing	Better Health and care, economic growth and sustainable health systems + follow the link for more topics	Implementation research for scaling up and transfer of innovative solutions involving digital tools for people-centred care	04 July 2019	24 September 2019	Scope: Proposals should study the scaling-up or transferability of an innovative solution involving digital tools, i.e. the conditions under which it can be implemented in other health systems and whether it can have the same	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCod
Health, demographic change and wellbeing	Better Health and care, economic growth and sustainable health systems + follow the link for more topics	Innovative actions for improving urban health and wellbeing - addressing environment, climate and socioeconomic factors	04 July 2019	24 September 2019	Scope: European research should engage to build the evidence base of effective policies, developing and testing new initiatives to improve urban health and environment in Europe. Given the variety of national experiences across	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCod
Information and Communication Technologies	Information and Communication Technologies + follow the link for more topics	Next Generation Media	09 July 2019	16 January 2020	Scope: Innovative solutions 1) to facilitate the integration of emerging technologies such as 5G, Cloud, the Internet of Things, Virtual/Augmented Reality, smart objects, wearables. data analytics. artificial intelligence. etc. in next generation	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCod
Information and Communication Technologies	Information and Communication Technologies + follow the link for more topics	Towards a vibrant European network of AI excellence centres	09 July 2019	13 November 2019	Specific Challenge: To ensure European strategic autonomy in such critical technology as AI, underpinning most of our future professional and private activities, with huge potential socio-economic impact. it is essential to reinforce and build on	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;freeTextSearchKeyword=;typeCodes=1;statusCodes=32,31094501,31094502;programCode=H2020;programDivisionCod
Future and Emerging Technologies	FET FLAGSHIPS – Tackling grand interdisciplinary science and technology challenges + follow the link for more topics	Training and Education on Quantum Technologies	09 July 2019	13 November 2019	Scope: The action should propose a pilot programme that aims to develop a quality-controlled educational master programme for quantum engineering and industrial applications of pan-European reach. It should be developed and	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCod
Future and Emerging Technologies	FET FLAGSHIPS – Tackling grand interdisciplinary science and technology challenges + follow the link for more topics	Complementary call on Quantum Computing	09 July 2019	13 November 2019	Scope: Proposals are expected to address a mix of quantum technology challenges integrating different aspects like physics, engineering, computer science, theory, algorithms, software, manufacturing, control, infrastructures,	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCod
Information and Communication Technologies	Digitising and transforming European industry and services: digital innovation hubs and platforms + follow the link for more topics	Big Data Innovation Hubs	09 July 2019	13 November 2019	Scope: This topic calls for Digital Innovation Hubs that strengthen European SMEs and empower European citizens by supporting them to use and combine data sources from different sectors and communities (e.g. retail, tourism,	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCod
Health, demographic change and wellbeing	Trusted digital solutions and Cybersecurity in Health and Care + follow the link for more topics	AI for Health Imaging	09 July 2019	13 November 2019	Scope: This action should contribute to testing and developing AI tools and analytics focused on the prevention, prediction and treatment of the most common forms of cancer while providing solutions to securely share health images	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCod
Information and Communication Technologies	Information and Communication Technologies + follow the link for more topics	Next Generation Internet of Things	09 July 2019	16 January 2020	Specific Challenge: Internet of Things (IoT) technologies and applications are bringing fundamental changes to all sectors of society and economy and constitute an essential element of the Next Generation Internet (NGI). The challenge is to leverage EU	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCod
European research infrastructures (including e-Infrastructures)	European Data Infrastructure + follow the link for more topics	Centres of Excellence in exascale computing	09 July 2019	13 November 2019	Scope: Proposals should clearly identify the target area/domain that will be the focus of their work, which must have great potential to achieve exascale performance in Europe. (e.g. Materials Science. Engineering. Artificial Intelligence	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCod
Cross-cutting activities	Building a Low-Carbon, Climate Resilient Future: Next-Generation Batteries + follow the link for more topics	Sensing functionalities for smart battery cell chemistries	09 July 2019	16 January 2020	Scope: The target is to develop a proof of concept for the establishment of successful sensing technologies capable of monitoring changes within a battery cell under various operation conditions. including their use under extreme weather	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCod
Cross-cutting activities	Building a Low-Carbon, Climate Resilient Future: Next-Generation Batteries + follow the link for more topics	Coordinate and support the large scale research initiative on Future Battery Technologies	09 July 2019	16 January 2020	Scope: Proposals are expected to coordinate the research activities and the stakeholders participating in the initiative; to facilitate communication, dialogue and cooperation on cross-cutting topics; to monitor the initiative's	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCod
Secure, clean and efficient energy	Building a Low-Carbon, Climate Resilient Future: Secure, clean and efficient energy + follow the link for more topics	Big data for buildings	16 July 2019	15 January 2020	Specific Challenge: European buildings are producing an increasing number of data on energy generation and consumption from various sources (e.g. smart meters, building management systems). Collecting and making available reliable data on	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCod
Spreading Excellence and Widening Participation	WIDESPREAD + follow the link for more topics	Twinning	24 July 2019	14 November 2019	Scope: Twinning aims at significantly strengthening a defined field of research in a university or research organisation from a Widening country by linking it with at least two internationally-leading research institutions from two different	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCod
Information and Communication Technologies	Cybersecurity	Building blocks for resilience in evolving ICT systems	25 July 2019	19 November 2019	Specific Challenge: Algorithms, software and hardware systems must be designed having security, privacy, data protection and accountability in mind from their design phase in a measurable manner. Relevant challenges include: (a) to develop mechanisms	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCod
European research infrastructures (including e-Infrastructures)	Development and long-term sustainability of new pan-European research infrastructures	Design Studies	25 July 2019	12 November 2019	Scope: Design studies should tackle all the key questions concerning the technical and conceptual feasibility of new or upgraded fully fledged user facilities (proposals considering just a component for research infrastructures are not targeted by	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/infradev-01-2019-2020;freeTextSearchKeyword=;typeCodes=1;statusCodes=310
Secure, clean and efficient energy	Building a Low-Carbon, Climate Resilient Future: Secure, clean and efficient energy + follow the link for more topics	Integrated local energy systems (Energy islands)	03 September 2019	29 January 2020	Scope: Proposals will develop and demonstrate solutions which analyse and combine, in a well delimited system, all the energy vectors that are present and interconnect them. where appropriate. to optimise their joint operation that is	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCod
Secure, clean and efficient energy	Building a Low-Carbon, Climate Resilient Future: Secure, clean and efficient energy + follow the link for more topics	Demonstration of advanced biofuels production from aquatic biomass	03 September 2019	11 December 2019	Scope: Proposals will demonstrate aquatic advanced biofuel pathways which improve the economic viability of the subsequent energy production, including the upgrading technologies and valorisation of co-products. Proposals will address	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCod
Secure, clean and efficient energy	Building a Low-Carbon, Climate Resilient Future: Secure, clean and efficient energy + follow the link for more topics	Next generation of thin-film photovoltaic technologies	03 September 2019	11 December 2019	Specific Challenge: The rapid expansion of photovoltaic solar energy conversion based on thin films of semiconductors could become subject to constraints arising from materials availability and security. For this reason. the development of alternative thin-	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCod

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