

Forschungsportal-Mailliste EU-Foerderinfo: Querschnitt europäische Forschungsförderung Horizon Europe, Water4All, Informationsveranstaltungen erstellt am 09.09.2022, gültig bis 31.12.2023, Autor: Niko Isermann

Inhaltsverzeichnis

١.	thermal installations, deadline: 10. January 2023 17:00 Brussels time	1
2.	/HORIZON EUROPE/ Best international practice for scaling up sustainable biofuels, deadline: 10. January 2023 17:00 Brussels time	1
3.	/HORIZON EUROPE/ Efficient and circular artificial photosynthesis, deadline: 10. January 2023 17:00 Brussels time	2
4.	/HORIZON EUROPE/ Integrated wind farm control, deadline: 10. January 2023 17:00 Brussels time	3
5.	/HORIZON EUROPE/ Novel Thin Film (TF) technologies targeting high efficiencies, deadline: 10. January 2023 17:00 Brussels time	3
6.	/HORIZON EUROPE/ Efficient and low-emission technologies for industrial use of combustion and gasification systems from low-value biogenic residues and wastes, deadline: 10. January 2023 17:00 Brussels time	4
7.	/HORIZON EUROPE/ Development of algal and renewable fuels of non-biological origin, deadline: 10. January 2023 17:00 Brussels time	5
8.	/HORIZON EUROPE/ Development of digital solutions for existing hydropower operation and maintenance, deadline: 10. January 2023 17:00 Brussels time	5
9.	/HORIZON EUROPE/ Recycling end of life PV modules, deadline: 10. January 2023 17:00 Brussels time	6
10.	/HORIZON EUROPE/ Solutions for the sustainable, resilient, inclusive and accessible regeneration of neighbourhoods enabling low carbon footprint lifestyles and businesses (Built4People), deadline: 24. January 2023 17:00 Brussels time	7
11.	/HORIZON EUROPE/ Sustainable and resource-efficient solutions for an open, accessible, inclusive, resilient and low-emission cultural heritage: prevention, monitoring, management, maintenance, and renovation (Built4People), deadline: 24. January 2023 17:00 Brussels time	8
12.	/HORIZON EUROPE/ Smart-grid ready and smart-network ready buildings, acting as active utility nodes (Built4People), deadline: 24. January 2023 17:00 Brussels time	9
13.	/HORIZON EUROPE/ More sustainable buildings with reduced embodied energy / carbon, high life-cycle performance and reduced life-cycle costs (Built4People), deadline: 24. January 2023 17:00 Brussels time	10
14.	/HORIZON EUROPE/ Support to the activities of technology areas of the SET Plan: Action dedicated to energy efficiency in industry, deadline: 24. January 2023 17:00 Brussels time	11
15.	/HORIZON EUROPE/ Designs, materials and solutions to improve resilience, preparedness & responsiveness of the built environment for climate adaptation (Built4People), deadline: 24. January 2023 17:00 Brussels time	13
16.	/Water4All/ Water4All 2022 Joint Transnational Call Pre-Announcement, deadline: 31. October 2022, 1. Step	14
17.	/KoWi/ Europäische Kommission: Informationsveranstaltung zur Lump sum-Förderung, Termin: 20. Oktober 2022 um 10 Uhr.	15
18.	/KoWi/ Europäische Kommission: EU Bioeconomy Conference 2022, Termin: 06. und 07. Oktober 2022	15
19.	/Sonstige/ Das ABC der EU-Forschungsförderung - Teil C wie Coaching für Anträge in Horizon Europe, Termin: 20. September 2022 um 10 Uhr	16
20.	/Sonstige/ Contact Research Funding Advice of the Otto von Guericke University Magdeburg	16



Inhalte

1. /HORIZON EUROPE/ Innovative components and/or sub-systems for CSP plants and/or concentrating solar thermal installations, deadline: 10. January 2023 17:00 Brussels time

Support will be given to the demonstration of innovative, cost effective and more reliable components and/or sub-systems for CSP plants and/or concentrating solar thermal installations. The components and/or sub-systems will allow better efficiency in terms of solar energy conversion.

The demonstration should span a continuous interval of at least six months covering all possible incidence angles of the direct solar radiation.

Projects are expected to assess the sustainability of the proposed components and/or sub-systems in environmental, social and economic terms.

All demonstrators should be fully and transparently documented, to ensure replicability, up-scaling and to assist future planning decisions.

Concentrating solar thermal technologies supply renewable, dispatchable energy and can therefore be an important element of the evolving energy system. Project results are expected to contribute to some of the following expected outcomes:

- Higher shares of variable output renewables in the energy system.
- Higher efficiency of concentrated solar power (CSP) plants and/or concentrating solar thermal installations.
- Reduced operation and maintenance costs of CSP plants and/or concentrating solar thermal installations.
- Achievement of the targets of the SET Plan Initiative for Global Leadership in CSP. Further Information:

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details /horizon-cl5-2022-d3-03-01;callCode=null;freeTextSearchKeyword=;matchWholeText=true;typeCodes=1,2,8;statusCogno,8;statusCodes=31094502;programmePeriod=2021%20-%202027;programCcm2ld=43108390;programDivisionCode e=null;focusAreaCode=null;destination=null;mission=null;geographicalZonesCode=null;programmeDivisionProspectionProspect=null;startDateLte=null;startDateGte=null;crossCuttingPriorityCode=null;cpvCode=null;performanceOfDerformanceOfDelivery=null;sortQuery=startDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePagerchTablePageState

2. /HORIZON EUROPE/ Best international practice for scaling up sustainable biofuels, deadline: 10. January 2022 17:00 Brussels time

The need of including sustainable biofuels in a transformed integrated energy system is recognized worldwide. Enhancing the European global role in this area will increase the potential to export European renewable fuel technologies into global developing markets, and improve sustainability of biofuel value chains worldwide while supporting the EU goals for climate change mitigation in 2030 and 2050. Project results are expected to contribute to some of the following expected outcomes:

- Build global knowledge for the scaling-up and the sustainability assessment of sustainable biofuels value chains
- Contribute to cost-effective and more sustainable large-scale production of sustainable biofuels.
- Contribute to Mission Innovation Challenge n°4 Sustainable Biofuels.
- Contribute to the SET Plan Action 8 Bioenergy and Renewable Fuels for Sustainable Transport.
- Accelerate capacity building for sustainable biofuels in the world.
- Develop networks for skill development and knowledge sharing in sustainable biofuels value chains worldwide.

Proposals will aim at fostering international cooperation to develop best practices and concepts along the entire value chain for accelerating the scale-up of sustainable biofuels worldwide. Scaling up sustainable biofuels is a global challenge in terms of environmental, social, and economic sustainability, which can benefit from international collaboration and knowledge exchange. Proposals should address systemic constraints and opportunities for scaling up complete value chains of sustainable biofuels and propose solutions. Any sustainable non-food/feed biomass feedstock and any innovative technology or combinations of them should be considered. Proposals should enhance overall cost-effectiveness and sustainability of large scale production of sustainable biofuels based on Life Cycle Analysis addressing social, economic and environmental aspects. International cooperation with Mission Innovation countries is expected.

Further Information:

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details /horizon-cl5-2022-d3-03-02;callCode=null;freeTextSearchKeyword=;matchWholeText=true;typeCodes=1,2,8;statusCogno,8;statusCodes=31094502;programmePeriod=2021%20-%202027;programCcm2ld=43108390;programDivisionCode e=null;focusAreaCode=null;destination=null;mission=null;geographicalZonesCode=null;programmeDivisionProspectionProspect=null;startDateLte=null;startDateGte=null;crossCuttingPriorityCode=null;cpvCode=null;performanceOfDerformanceOfDelivery=null;sortQuery=startDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePagrachTablePageState

3. /HORIZON EUROPE/ Efficient and circular artificial photosynthesis, deadline: 10. January 2023 17:00 Brussels time

Development of novel artificial photosynthesis technologies, which allow for improved efficiency of light harvesting, conversion to electrochemical potential and energy fixation to carriers with strictly implementing circularity by design and efficient use of carrier and (photo)catalyst materials through novel photoelectrochemical or bio-based (bio-hybrid) or biological pathways for solar fuel production with increased efficiency in comparison to light and dark reactions of natural photosynthesis. Production of hydrogen as a final product is not envisaged.

Synergies are possible with topic HORIZON-CL4-2021-RESILIENCE-01-16 Creation of an innovation community for solar fuels and chemicals (CSA) and respective cooperation activities are encouraged. Eligible costs will take the form of a lump sum.

Project results are expected to contribute to some of the following expected outcomes:

- Advance the European scientific basis, leadership and global role in the area of renewable and solar fuels, while creating evidence for policy making;
- Provide solar fuel breakthrough solutions towards a fossil-free economy and ecosystem by bridging solar energy and fuel needs with the potential of high penetration in the energy system, ensuring stability and security of energy supply;
- Increase European technology competitiveness in solar fuel technologies, thus supporting the EU goals for climate protection, energy independence and economic growth.
- Develop artificial photosynthesis solutions, which will minimize further downstream processing and increase their scalability and integration within the industrial value chain in respect of circularity.

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details /horizon-cl5-2022-d3-03-03;callCode=null;freeTextSearchKeyword=;matchWholeText=true;typeCodes=1,2,8;statusCogno,8;statusCodes=31094502;programmePeriod=2021%20-%202027;programCcm2ld=43108390;programDivisionCode e=null;focusAreaCode=null;destination=null;mission=null;geographicalZonesCode=null;programmeDivisionProspectionProspect=null;startDateLte=null;startDateGte=null;crossCuttingPriorityCode=null;cpvCode=null;performanceOfDerformanceOfDelivery=null;sortQuery=startDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePagerchTablePageState



4. /HORIZON EUROPE/ Integrated wind farm control, deadline: 10. January 2023 17:00 Brussels time

The EU aims to be climate neutral in 2050, and to achieve this goal wind energy technologies will need to unlock its full potential on low-cost reliable clean energy generation. Thus, the next generation of wind farms will need to be supported by an even more innovative set of physical and digital tools as well as operational controls, collectively called wind farm control. Generally, wind farm control refers to the coordination of different wind turbines within a wind farm to better the overall farm power production, and to reduce the structural loading among wind turbines.

In this context, project results are expected to contribute to all of the following expected outcomes:

- Development of open source data-driven tools to decrease energy costs on operation, while increasing total wind farm output, and a parallel evaluation of operational risks arising from the chosen solution, including e.g., limitations from machine learning (AI) and resilience against third-party fraud, i.e. operational security.
- Development of digital and physical tools, as well as interoperable frameworks and controls, for enhanced data collection, analysis, and operation aimed at an improved performance at farm level.
- Allow operators to make better informed decisions on farm-wide system optimisation, lifetime extension, decommissioning and/or recycling of components.
- Contribute to LCOE reduction in line with the SET Plan targets (actions should clearly justify the estimated LCOE at project start and end).

The proposal is expected to address all the following aspects:

- Address and validate how digital innovation on wind farm control are able to provide more stable, resilient, secure, reliable and affordable energy, while retaining high levels of cybersecurity. Focus on farm output maximization is expected. Additionally, focus on reduced component load is strongly encouraged.
- Address how these data-driven innovations reduce operational and maintenance costs, increase energy output, and their impact on (component, turbine, farm) lifetime;
- Address the role of such innovations as a prognostic tool, regarding failures and damages:
- Develop and release an open source digital/Al solution for sector uptake. This tool is expected to be built from concrete experiments and data measurements. Further, it should account for the advent of large wind turbines (up to 20 MW) and include those in the development of this tool. Further Information:

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details /horizon-cl5-2022-d3-03-04;callCode=null;freeTextSearchKeyword=;matchWholeText=true;typeCodes=1,2,8;statusCognonia;statusCognonia;statusCognonia;statusCognonia;statusCodes=31094502;programmePeriod=2021%20-%202027;programCcm2ld=43108390;programDivisionCode e=null;focusAreaCode=null;destination=null;mission=null;geographicalZonesCode=null;programmeDivisionProspectionProspect=null;startDateLte=null;startDateGte=null;crossCuttingPriorityCode=null;cpvCode=null;performanceOfDerformanceOfDelivery=null;sortQuery=startDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePagerchTablePageState

5. /HORIZON EUROPE/ Novel Thin Film (TF) technologies targeting high efficiencies, deadline: 10. January 2023 17:00 Brussels time

An alternative to c-Silicon PV is thin-film solar cells, which can be fabricated on various and flexible substrates (including glass, metal foils and polymers). A benefit of thin-film PV is the lower direct semiconductor materials cost. Realising lower costs in production requires high input material utilisation and low raw materials conversion costs. Largescale thin-film module production can be more cost efficient when utilising rapid processing technologies. With further advances in scientific understanding, 25% efficiency devices are within reach as are even higher efficiencies in tandem architectures. Translating those device and process advances to manufacturing technology will dramatically reduce LCOE once sufficiently scaled in both module size and production volume. This will require adapting deposition

processes for higher rates and to larger-scale equipment while developing suitable robust techniques for inline process and quality control.

The proposal should address all of the following:

- Develop novel environmentally benign thin-film technology concepts that optimise PV cell and module architecture, increase durability, decrease losses (minimising also the cell-to-module efficiency gap) and target very high efficiencies (>25%) with flexibility for specific applications.
- Employ simple, scalable and low cost/low energy consumption and higher rate deposition processes.
- Ensure compliance with all relevant standards, including those related to the specific applications targeted.
- Perform device/module real-life (under actual outdoor operating conditions) characterisation for reliability and energy yield assessment.
- Perform a life cycle analysis to bring evidence of the lower environmental impact, better resource efficiency than current commercial PV technologies, and circularity potential.
- Photovoltaic power generation is pivotal in the transition towards a clean energy system and the achievement of the zero-emissions target. To that end, it is important to enhance affordability, security of supply and sustainability of PV technologies along with further efficiency improvements. Consequently, project results are expected to contribute to all of the following outcomes:
- Increase the potential of thin-film technologies for mass production, low cost and/or specialised applications.
- Reinforce the European PV value chain, support local companies to develop and sell differentiated PV products.
- Allow for an efficient use of available areas for renewable energy generation/ reducing competition between different kinds of land use by further increasing PV energy yield/m2.
- Enable and facilitate large-scale deployment of PV and generation of renewable electricity. Further Information:

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details /horizon-cl5-2022-d3-03-05;callCode=null;freeTextSearchKeyword=;matchWholeText=true;typeCodes=1,2,8;statusCogno,8;statusCodes=31094502;programmePeriod=2021%20-%202027;programCcm2ld=43108390;programDivisionCode e=null;focusAreaCode=null;destination=null;mission=null;geographicalZonesCode=null;programmeDivisionProspectionProspect=null;startDateLte=null;startDateGte=null;crossCuttingPriorityCode=null;cpvCode=null;performanceOfDerformanceOfDelivery=null;sortQuery=startDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePagerchTablePageState

6. /HORIZON EUROPE/ Efficient and low-emission technologies for industrial use of combustion and gasification systems from low-value biogenic residues and wastes, deadline: 10. January 2023 17:00 Brussels time

Development of technologies for optimization of advanced biofuel flexible systems regarding upstream multi-feedstock, logistics, feeding, ash management, combustion or gasification processes and effluent emissions and their effective integration into industrial process energy environment through efficient and low-emission technologies for industrial use of combustion and gasification systems from low-economic value, but fully sustainable biogenic residues and wastes.

Project results are expected to contribute to some of the following expected outcomes:

- Advance the European scientific basis, technology base, leadership and global role in the area of bioenergy integration into industrial settings while creating evidence for policy making;
- Increased feedstock diversification and better technological performance leading to cost-reduction of bioenergy with positive effects on renewables' penetration, circularity and security of supply;
- Reduced emissions and increased environmental and socio-economic sustainability of biomass combustion and gasification and bioenergy value chains. Further Information:



https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details /horizon-cl5-2022-d3-03-06;callCode=null;freeTextSearchKeyword=;matchWholeText=true;typeCodes=1,2,8;statusCogno,8;statusCodes=31094502;programmePeriod=2021%20-%202027;programCcm2ld=43108390;programDivisionCode e=null;focusAreaCode=null;destination=null;mission=null;geographicalZonesCode=null;programmeDivisionProspectionProspect=null;startDateLte=null;startDateGte=null;crossCuttingPriorityCode=null;cpvCode=null;performanceOfDerformanceOfDelivery=null;sortQuery=startDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePagerchTablePageState

7. /HORIZON EUROPE/ Development of algal and renewable fuels of non-biological origin, deadline: 10. January 2023 17:00 Brussels time

Renewable fuels of the future will be also based on algae and non-biological feedstock for sectors that depend on and operate with dense fuels. Improving these technologies will contribute to advance the European scientific basis and global technological leadership in the area of renewable fuels, increase their technology competitiveness and role in transforming the energy system on a fossil-free basis by 2050, in particular for hard to electrify sectors like aviation, while supporting the EU goals for energy independence.

Project results are expected to contribute to some of the following expected outcomes:

- Increase feedstock and technology basis for renewable fuels.
- Facilitate development of advanced and high-quality biofuels from algae vegetable lipids.
- Foster development of technological pathways for algal and non-biological renewable fuel production.
- Increase robustness of conversion and process sustainability for algal and non-biological renewable fuels.
- Contribute to the priorities of the SET Plan Action 8.
- Deliver technology for longer-term needs for renewable fuels in energy and transport. Proposals will develop and improve algal and/or non-biological renewable fuel technologies (other than for hydrogen as a final product), through developing synthetic pathways including biological, biochemical, thermochemical, electrochemical processes or combinations of them. Improving the performance of the conversion process by increasing the efficiency, reducing the cost and decreasing the GHG emissions from the production should be addressed beyond the current state of the art. Implementing and improving circularity for energy and material use should be considered, also as means to enhance sustainability and economic feasibility of the proposed concepts. Proposals should also address systemic constraints and opportunities for scaling-up algal and non-biological renewable fuel technologies. Eligible costs will take the form of a lump sum.

Further Information:

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details /horizon-cl5-2022-d3-03-07;callCode=null;freeTextSearchKeyword=;matchWholeText=true;typeCodes=1,2,8;statusCoges=31094502;programmePeriod=2021%20-%202027;programCcm2Id=43108390;programDivisionCode e=null;focusAreaCode=null;destination=null;mission=null;geographicalZonesCode=null;programmeDivisionProspectionProspect=null;startDateLte=null;startDateGte=null;crossCuttingPriorityCode=null;cpvCode=null;performanceOfDerformanceOfDelivery=null;sortQuery=startDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePagrachTablePageState

8. /HORIZON EUROPE/ Development of digital solutions for existing hydropower operation and maintenance, deadline: 10. January 2023 17:00 Brussels time

Development of novel sensor technologies and digital solutions for digitization of existing hydropower plants and improving their sustainable operation by addressing one or more of the following: weather and flow forecast, biodiversity monitoring, predictive modelling and artificial intelligence for the analysis of sensor data for decision-making in operation and maintenance. Acknowledging eventual confidentiality of

operational data, to ensure wide uptake and reliability, actions should promote the highest standards of transparency and openness of the digital solutions, extending to aspects such as assumptions, architecture, code and data.

Project results are expected to contribute to some of the following expected outcomes:

- Advance the European scientific basis, technology base, technology leadership in the area of hydropower in the context of digital transition and energy markets while creating evidence for policy making;
- Increase the technology competitiveness of the existing hydropower fleet in changing European power markets by increasing hydropower flexibility and decision-making in modern power markets;
- Facilitate market penetration of renewables and getting closer to the European Green Deal and climate and energy targets for 2030 by increasing the flexibility, sustainability and predictability of existing hydropower;
- Improve environmental and socio-economic sustainability of the existing hydropower fleet. Eligible costs will take the form of a lump sum.

Further Information:

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details /horizon-cl5-2022-d3-03-08;callCode=null;freeTextSearchKeyword=;matchWholeText=true;typeCodes=1,2,8;statusCogno,8;statusCodes=31094502;programmePeriod=2021%20-%202027;programCcm2ld=43108390;programDivisionCode e=null;focusAreaCode=null;destination=null;mission=null;geographicalZonesCode=null;programmeDivisionProspectionProspect=null;startDateLte=null;startDateGte=null;crossCuttingPriorityCode=null;cpvCode=null;performanceOfDerformanceOfDelivery=null;sortQuery=startDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePagrachTablePageState

9. /HORIZON EUROPE/ Recycling end of life PV modules, deadline: 10. January 2023 17:00 Brussels time

PV technology is undergoing a transition to a new generation of efficient, low-cost products based on various photoactive materials. PV technology has definite environmental advantages over competing electricity generation technologies, and the PV industry follows a pro-active life-cycle approach to prevent future environmental impact and to sustain these advantages. However, long-term sustainability of photovoltaics will be largely dependent on the effectiveness of the process solutions that will be adopted to recycle the unprecedented volume of end-of-life panels/products expected to be generated in the near future. Recycling is indispensable to avoid the loss of the valuable materials employed to produce photovoltaics and, at the same time, prevent harmful elements, including, for example, heavy metals, to be dispersed into the environment through improper disposal practices.

The proposal should address all of the following:

- Forecast the PV waste streams and estimate the market potentials.
- Develop and demonstrate flexible, high efficiency and throughput recycling technologies adapted to the large volumes of PV modules/products that will be disposed in the future, depending on the typologies of cells/modules/products and reverse logistics.
- Demonstrate re-use potential of high-value recycled material (maintaining its purity and/or integrity) in the PV sector.
- Demonstrate a business case for the concept and a market introduction strategy.
- Address the following related aspects: low environmental impact, resource efficiency and circularity potential.

Photovoltaic power generation is pivotal in the transition to a clean energy system and the achievement of the zero-emissions target. To that end, it is important to enhance its sustainability while creating wealth and additional employment opportunities in Europe. Consequently, project results are expected to contribute to all of the following outcomes:

- Demonstrate efficient, low-cost, emerging recycling technologies for PV modules/products.
- Increase recyclability and minimise the environmental impact of PV technology.
- Introduce new business models and open new markets in PV recycling.



- Reduce dependency on primary raw materials through the circular use of resources, sustainable products and innovation.
- Strengthen domestic sourcing of raw materials in the EU.

The proposal should involve multidisciplinary consortia including industrial partners. Eligible costs will take the form of a lump sum.

Further Information:

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details /horizon-cl5-2022-d3-03-09;callCode=null;freeTextSearchKeyword=;matchWholeText=true;typeCodes=1,2,8;statusCogno,8;statusCodes=31094502;programmePeriod=2021%20-%202027;programCcm2ld=43108390;programDivisionCode e=null;focusAreaCode=null;destination=null;mission=null;geographicalZonesCode=null;programmeDivisionProspectionProspect=null;startDateLte=null;startDateGte=null;crossCuttingPriorityCode=null;cpvCode=null;performanceOfDerformanceOfDelivery=null;sortQuery=startDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePagerchTablePageState

10. /HORIZON EUROPE/ Solutions for the sustainable, resilient, inclusive and accessible regeneration of neighbourhoods enabling low carbon footprint lifestyles and businesses (Built4People), deadline: 24. January 2023 17:00 Brussels time

The proposal should:

- Deliver innovative methods and solutions for the regeneration of neighbourhoods, with due consideration of, inter alia, energy efficiency, sustainability, resilience, health, inclusiveness and accessibility, based on participatory planning processes and innovative decision-making procedures and digital applications.
- Ensure the proposed solutions allow to identify and integrate local sources of raw materials for building renovation in built environment planning scenarios.
- Ensure the proposed solutions include new evidence-based approaches (e.g., strategies and digital tools) to help quantify the benefits of integrated built environment transformation aimed at climate neutrality.
- Ensure the proposed solutions allow for involving all stakeholder groups, including inter alia elderly people, those with reduced mobility and persons with disabilities, and households affected by energy poverty, also seeking to address gentrification issues in neighbourhoods affected by energy poverty.
- Ensure the proposed solutions include concepts for local renewable energy generation and consumption integrated at building and district level in combination with multi-modal mobility concepts targeted to both urban and rural neighbourhoods.
- Ensure the proposed solutions contribute to optimising energy balancing at local level (e.g., thanks to energy sharing platforms and services connected to local micro-grids and / or virtual energy markets, including demand response and decision-support systems and block chain applications).
- Ensure the proposed solutions comply with the principles of circular economy, favouring urban mining, efficient use of resources, durability, reuse and recyclability.
- Ensure the proposed solutions are developed taking into account local environmental, social, and economic conditions and are relevant for the different geographical locations targeted.
- Where relevant, include concepts for energy circularity such as waste heat recovery from local industries (or other sources) and use in nearby buildings or in low-temperature district networks and, valorisation of by-products and residues (e.g., from local agro-food industry) for energy or other uses.
- Where relevant, investigate whether and how the proposed approaches could apply to cultural heritage buildings.
- Lead at least 3 large-scale demonstrations of the solutions in diverse geographical areas, with various local environmental, social, and economic conditions.
- Consider social innovation where relevant and in the case where the proposed solutions are at the socio-technical interface and require social change, new social practices, social ownership or market uptake.



- Facilitate awareness raising and capacity building of citizens and relevant stakeholders (e.g. citizen associations, local authorities, businesses from the relevant sectors) on the principles and multi-benefits of sustainable, inclusive and accessible built environment.

Project results are expected to contribute to all of the following expected outcomes:

- Lasting behavioural change of people and economic actors towards lower carbon footprint lifestyles and businesses.
- Mainstreamed participatory planning processes and interaction with all relevant stakeholder groups in city planning.
- More sustainable, low emission, inclusive and affordable neighbourhoods and built environment.
- Improved accessibility of neighbourhoods through building-integrated, sustainable mobility solutions.
- Extended application of digital applications and tools to ease decision-making processes in complex stakeholder structures.
- Raised awareness and increased capacity of citizens on participatory processes for enhanced sustainability and environmental performance.
- Increased well-being and economic prosperity of citizens in a low carbon, sustainable built environment by ensuring high indoor and outdoor quality, and affordability of renovation solutions.
- Increased attractiveness of deep renovation through new regeneration and smart growth models for sustainable living.

Clustering and cooperation with other relevant projects is strongly encouraged; e.g. with the European Partnership on 'Driving urban transitions'.

This topic requires the effective contribution of SSH disciplines and the involvement of SSH experts, institutions as well as the inclusion of relevant SSH expertise, in order to produce meaningful and significant effects enhancing the societal impact of the related research activities.

This topic implements the co-programmed European Partnership on 'People-centric, Sustainable Built Environment' (Built4People).

Further Information:

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details /horizon-cl5-2022-d4-02-02;callCode=null;freeTextSearchKeyword=;matchWholeText=true;typeCodes=1,2,8;statusCogno,8;statusCodes=31094502;programmePeriod=2021%20-%202027;programCcm2Id=43108390;programDivisionCode e=null;focusAreaCode=null;destination=null;mission=null;geographicalZonesCode=null;programmeDivisionProspectionProspect=null;startDateLte=null;startDateGte=null;crossCuttingPriorityCode=null;cpvCode=null;performanceOfDerformanceOfDelivery=null;sortQuery=startDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePagrachTablePageState

11. /HORIZON EUROPE/ Sustainable and resource-efficient solutions for an open, accessible, inclusive, resilient and low-emission cultural heritage: prevention, monitoring, management, maintenance, and renovation (Built4People), deadline: 24. January 2023 17:00 Brussels time

The proposal should:

- Deliver technically and socially innovative, sustainable, energy and resource-efficient solutions for the cost-effective improvement and preservation of cultural heritage-built environment along all relevant aspects: inclusiveness, accessibility, resilience, environmental and energy performance.
- Ensure the proposed solutions cover all relevant aspects of the heritage-built environment's life cycle: design, renovation works, operation, monitoring and management, and maintenance.
- Ensure the proposed solutions allow to maintain the heritage value (e.g., artistic, historic, archaeological, social and scientific) of targeted sites, while improving access and comfort of users and visitors, and reducing maintenance and operational costs.
- Ensure, where relevant, that the proposed solutions rely on (adapted) historical or traditional construction techniques and materials for sustainable restoration.



- Ensure the proposed solutions include natural low maintenance as well as advanced renovation techniques for high quality design and construction, including new digital technologies, while preserving the cultural value of the targeted sites.
- Ensure the proposed solutions contribute to facilitate the integration renewable energy sources while respecting the aesthetic and cultural identity of the targeted buildings.
- Ensure the proposed solutions contribute to the cost-effective improvement of the energy performance, also reducing the cost of the interventions compared to traditional methods.
- Ensure the involvement of relevant stakeholder groups (e.g., civil society organisations, associations, cultural heritage stakeholders such as cultural heritage protection bodies) and citizens' acceptance thanks to co-creation processes and socially innovative ideas.
- Deliver and demonstrate decision-support tools for low-disruptive, optimal renovation of heritage-built environment to enhance sustainability.
- Clustering and cooperation with other relevant projects is strongly encouraged; e.g. with the Horizon Europe Partnership on 'Driving urban transitions'.
- This topic requires the effective contribution of SSH disciplines and the involvement of SSH experts, institutions as well as the inclusion of relevant SSH expertise, in order to produce meaningful and significant effects enhancing the societal impact of the related research activities.
- This topic should consider social innovation as driver of social change, new social practices, social ownership and/or market uptake.

Project results are expected to contribute to all of the following expected outcomes:

- Increased availability and enhanced overall performance, including with regard to cost-effectiveness, of solutions applicable to the reliable and respectful historical renovation of heritage buildings, preserving their architectural and cultural identity.
- Demonstrated potential of sustainable, energy and resource-efficient historical renovation of heritage buildings.
- Better protection of the value and long-term inclusiveness, accessibility and usability of cultural heritage sites.
- More cost-effective and less disruptive modernisation and preservation of the heritage-built environment.
- Enhanced prevention and monitoring of the heritage-built environment.
- More important role of the cultural heritage in deployment, showcasing and replication of solutions for a sustainable built environment.

This topic implements the co-programmed European Partnership on 'People-centric, Sustainable Built Environment' (Built4People).

Further Information:

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details /horizon-cl5-2022-d4-02-03;callCode=null;freeTextSearchKeyword=;matchWholeText=true;typeCodes=1,2,8;statusCogno,8;statusCodes=31094502;programmePeriod=2021%20-%202027;programCcm2ld=43108390;programDivisionCode e=null;focusAreaCode=null;destination=null;mission=null;geographicalZonesCode=null;programmeDivisionProspectionProspect=null;startDateLte=null;startDateGte=null;crossCuttingPriorityCode=null;cpvCode=null;performanceOfDerformanceOfDelivery=null;sortQuery=startDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePagerchTablePageState

12. /HORIZON EUROPE/ Smart-grid ready and smart-network ready buildings, acting as active utility nodes (Built4People), deadline: 24. January 2023 17:00 Brussels time

The proposals should:

- Deliver building-to-grid integration solutions that are cost-effective, simple to use and easy to install and maintain, and are applicable to both new and existing buildings.
- Enhance interoperability and synergies between buildings and grids, electricity and other energy carriers (e.g., district heating networks, hydrogen, etc.) and where relevant, other relevant sectors (e.g. e-mobility).



- Enhance synergies between on-site energy storage and on-site renewable energy sources.
- Contribute to enhance interoperability in the modelling of energy grids and buildings.
- Ensure the proposed solutions include 'big data' applications for real-time management and predictive maintenance of technical building systems.
- Ensure the proposed solutions minimise potential negative impacts neither on the satisfaction of building users (e.g. in relation to comfort or accessibility) nor on the potential of circular material flows during the building's life cycle, and maximise potential benefits (e.g. energy costs savings and health).
- Ensure the proposed solutions give access to accessible, inclusive, reliable and user-friendly tools with limited maintenance needs and, to relevant building (and grid / network) data for interested stakeholders (e.g., facility managers).
- Assess the contribution of proposed solutions to the enhancement of smart readiness of buildings as rated by the smart readiness indicator under Directive 2010/31/EU.
- Where relevant, rely on advanced monitoring and management solutions such as those that integrate digital models / BIM with energy modelling and simulation at building level and district level.
- Implement and demonstrate innovative and competitive balancing, storage and generation services in buildings, while maximising building users' and occupants' health, comfort and satisfaction.
- Demonstrate cost-effectiveness and economic viability of the proposed solutions and underlying business models for both consumers / end-users and the economic actors involved.
- Demonstrate the use of large-scale interoperable platforms that bring together different actors and sectors (ESCOs, aggregators, DSOs, etc.) to exchange data and develop services.
- Seek to involve major European innovators, including social innovators, in relevant fields (demand response, communications, smart appliances, building services, facility management, energy services, etc.) with limited experience of Horizon 2020.

Project results are expected to contribute to all of the following expected outcomes from the grid and to adapt their behaviour accordingly;

- Improved interoperability and synergies between electricity and other energy carriers, and with other relevant non-energy sectors (e.g., mobility), supported by buildings, contribution to energy system integration at building's level.
- Improved competitiveness of buildings as flexibility assets for grid and network management. Clustering and cooperation with relevant projects are strongly encouraged; e.g., with the European Partnership on 'Driving urban transitions.

The selected projects are expected to contribute to relevant BRIDGE activities, in particular with respect to data exchange and interoperability.

This topic implements the co-programmed European Partnership on 'People-centric, Sustainable Built Environment' (Built4People).

Further Information:

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details /horizon-cl5-2022-d4-02-04;callCode=null;freeTextSearchKeyword=;matchWholeText=true;typeCodes=1,2,8;statusCogno,8;statusCodes=31094502;programmePeriod=2021%20-%202027;programCcm2Id=43108390;programDivisionCode e=null;focusAreaCode=null;destination=null;mission=null;geographicalZonesCode=null;programmeDivisionProspectionProspect=null;startDateLte=null;startDateGte=null;crossCuttingPriorityCode=null;cpvCode=null;performanceOfDerformanceOfDelivery=null;sortQuery=startDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePagrachTablePageState

13. /HORIZON EUROPE/ More sustainable buildings with reduced embodied energy / carbon, high life-cycle performance and reduced life-cycle costs (Built4People), deadline: 24. January 2023 17:00 Brussels time

The proposal should:

- Demonstrate innovative design, construction and renovation methods, design and technology solutions that minimise the overall life-cycle environmental impact, reducing energy consumption and carbon

footprint of the built environment across the life cycle, from construction to end of life thanks to, inter alia, applying circularity principles throughout the design and construction process, flexible use and lifecycle extension by design, design for deconstruction, disassembly and reassembly, integration of waste, reused, recycled, upcycled and bio-based materials and components, optimisation of design, construction and operation by means of digital tools.

- Deliver scalable full building demonstrations (both new and renovation) with validated performance measurements based on appropriate Level(s) indicators, demonstrating that the proposed methods and technology solutions optimise the use of energy and resources, and minimise the emissions of CO2 and other air pollutants across all phases of the life cycle, including construction and renovation works, and operation.
- Integrate the use of low embodied carbon products and solutions, including those that are locally sourced and bio-based with low carbon impact and capturing / storing CO2, selected based on modelling of their performance in terms of (inter alia) insulating, cooling, acoustic and hygrometric performance, ageing patterns, potential for deconstruction and/or reuse at end of life, and potential for automated / mechanised deployment.
- Identify and integrate local sources of reused or recycled construction products and secondary raw materials for building renovation in urban and rural planning scenarios.
- Where relevant, investigate whether and how the proposed approaches could apply to cultural heritage buildings.
- Seek to ensure from the design phase that the project is developed with a view to integrate its results/deliverables under a digital building logbook.
- Deploy advanced, market-ready prefabs and multifunctional materials and components with optimal recycling and re-using potential (e.g., through new designs enabling the re-use) and optimal performance across relevant areas (energy, durability, safety and protection against fire).
- Demonstrate innovative solutions for optimal design, construction, operation and maintenance of sustainable buildings, including efficient technical building systems, automation and control, digital building logbooks, digital twins and other tools.
- Demonstrate the solutions in diverse geographical areas, with various local environmental, social, and economic conditions.
- Clustering and cooperation with other relevant projects are strongly encouraged; e.g., with the Horizon Europe Partnership on 'Driving urban transitions'.

Project results are expected to contribute to all of the following expected outcomes:

- Increased and more traceable reduction of the GHG emissions of buildings in design, construction, renovation, operation and end of life.
- Faster market uptake of design solutions, materials, products, techniques and business models that are demonstrated to reduce significantly building related life-cycle costs and impacts, including whole life emissions, compared to current building completions.
- Mainstreamed affordable high life-cycle performance, and improved circularity of buildings in construction and renovation.

This topic implements the co-programmed European Partnership on 'People-centric, Sustainable Built Environment' (Built4People).

Further Information:

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details /horizon-cl5-2022-d4-02-05;callCode=null;freeTextSearchKeyword=;matchWholeText=true;typeCodes=1,2,8;statusCogno,8;statusCodes=31094502;programmePeriod=2021%20-%202027;programCcm2ld=43108390;programDivisionCode e=null;focusAreaCode=null;destination=null;mission=null;geographicalZonesCode=null;programmeDivisionProspectionProspect=null;startDateLte=null;startDateGte=null;crossCuttingPriorityCode=null;cpvCode=null;performanceOfDerformanceOfDelivery=null;sortQuery=startDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePagerchTablePageState

14. /HORIZON EUROPE/ Support to the activities of technology areas of the SET Plan: Action dedicated to energy efficiency in industry, deadline: 24. January 2023 17:00 Brussels

In 2015, the launch of the Energy Union saw the SET Plan incorporated as the Energy Union's fifth pillar on 'Research, Innovation and Competitiveness'. Through the Communication "Towards an Integrated Strategic Energy Technology (SET) Plan", the Integrated SET Plan set ambitious R&I targets which remain relevant and essential in the new context of the European Green Deal and the Recovery Plan for Europe. Depending on the sector, European Technology and Innovation Platforms (ETIPs), and/or SET Plan Implementation Working Groups (IWG) and/or similar stakeholders for support the development and implementation of the SET Plan R&I priorities by bringing together relevant stakeholders in key areas from industry, research organisations and, where applicable, SET Plan Countries' government representatives. They develop research and innovation agendas and roadmaps, industrial strategies, analysis of market opportunities and funding needs, understanding of innovation barriers and exploitation of research results, which are in line with the Recovery Plan for Europe and latest EU climate and energy related policies. They also provide consensus-based strategic advice to the SET Plan initiative covering technical and non-technological aspects.

Considering the overarching aim of the clean energy transition, ETIPs, IWGs and/or similar fora are encouraged to align and coordinate their activities, defining cross-cutting aspects for accelerating the clean energy transition and contribute to the development of a European Research Area in the field of Energy. Proposals should support the relevant IWG and/or stakeholders fora of the above-listed sector, taking into consideration the specific needs of the sector they address and the emerging policy priorities for their implementation as well as the coordination with other initiatives/projects, in order to avoid overlaps.

ETIPs, IWGs and stakeholders for a should ensure the participation of companies (industry and SMEs), research and civil society organisations, universities and European associations representing relevant sectors (as applicable) from a representative number of SET Plan countries establishing links with national authorities. To maximise their impact and widen participation, they are encouraged to develop and implement robust outreach approaches and societal engagement actions to span across the EU and associated countries.

Special attention should be given to the key challenges of the European Green Deal, including, but not limited to, technological pushback, industrial production, societal transformation, and just transition. Likewise, contributions to the goals of the European Research ERA in the field of energy, in particular regarding how to incentivise investing in research and innovation should be addressed. Furthermore, proposals should develop a dissemination and exploitation strategy and implement dissemination and networking activities with other existing ETIPs and IWGs (e.g., joint workshops, thematic conferences, webinar series, regular exchanges, etc.). Relevant outputs of this CSA will feed into the SET Plan information system (SETIS).

This topic requires the effective contribution of SSH disciplines and the involvement of SSH experts, institutions as well as the inclusion of relevant SSH expertise, in order to produce meaningful and significant effects enhancing the societal impact of the related research activities.

Proposals should address the following sector: energy efficiency in industry

Proposals submitted under this topic are encouraged to include actions designed to facilitate cooperation, across Europe, with other projects and to ensure the accessibility and reusability of data produced in the course of the project. Proposals should include a finance and sustainability plan for future continuation beyond the lifetime of the proposal.

The indicative project duration is 3 years.

Engagement of stakeholders is pivotal in the transition to a clean energy system and the achievement of the zero-emissions target.

Project results are expected to contribute to both of the following outcomes:

- Consolidation of strong and sustainable networks in the different technology areas covered through the Strategic Energy Technology (SET) Plan and its integrated roadmap.
- Cooperation among ETIPs or similar stakeholders' fora, support to existing SET Plan Implementation Plan and advancement towards more interconnected activities, both in terms of contents and implementation mechanisms.

Further Information:



https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details /horizon-cl5-2022-d4-02-06;callCode=null;freeTextSearchKeyword=;matchWholeText=true;typeCodes=1,2,8;statusCoges=31094502;programmePeriod=2021%20-%202027;programCcm2Id=43108390;programDivisionCodes=null;focusAreaCode=null;destination=null;mission=null;geographicalZonesCode=null;programmeDivisionProspectionProspect=null;startDateLte=null;startDateGte=null;crossCuttingPriorityCode=null;cpvCode=null;performanceOfDerformanceOfDelivery=null;sortQuery=startDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePagrachTablePageState

15. /HORIZON EUROPE/ Designs, materials and solutions to improve resilience, preparedness & responsiveness of the built environment for climate adaptation (Built4People), deadline: 24. January 2023 17:00 Brussels time

The proposal should:

- Deliver innovative designs, materials and solutions to improve resilience and climate proofing of the built environment (in particular new and existing buildings) in a cost-effective and reliable manner.
- Ensure the proposed solutions cover a broad spectrum of natural risks and disasters, for instance natural disruptive events such as earthquakes, floods, heat waves, with a particular focus on extreme climatic events.
- Ensure the proposed solutions make use of natural, easy to manage, as well as advanced, evolutive materials and technologies that help combat the effects of global warming (increased cooling demand, heat island effects, etc.) and result in increased durability, resilience and adaptability of buildings and infrastructures, including their foundations.
- Consider social innovation where relevant, notably as new tools, ideas and methods leading to active citizen engagement and resilience, and as drivers of social change, social ownership, and new social practices.
- Develop and deploy digital and interoperable tools for monitoring, detection of, and response to critical situations (e.g. evacuation of people and first responders).
- Rely, where relevant, on self-sensing and adaptable materials, and materials with embedded sensors and actuators.
- Include, as part of the proposed solutions, built environment concepts that are self-sustained for a certain period of time including off-grid electricity supply, green infrastructure and water purification and / or rain water provision in buildings.
- Where relevant, investigate whether and how the proposed approaches could apply to cultural heritage buildings across different typologies and geographic conditions, also including innovations in business models and ensuring holistic integration of disciplines across the value chain.
- Validate the proposed solutions for a set of locations that is coherent with the risks and disasters considered in the proposal, ensuring a high degree of awareness and involvement of supply chains.
- Demonstrate that the proposed solutions improve the protection of people when experiencing disruptive events and contribute to enhance resilience and climate proofing at a larger scale (e.g., district, city, energy system).
- Demonstrate that the proposed solutions contribute to improving the overall quality of living and working in the buildings (e.g., in terms of accessibility, comfort and well-being).
- Demonstrate cost-effective improvement of the energy performance, reducing the cost of the interventions compared to traditional methods, as well as the energy related operational costs after the renovation.
- Demonstrate that the proposed solutions improve the use of relevant data such as weather forecasts or catastrophe warnings by monitoring and management systems in the built environment (e.g., to launch automatic emergency protocols to warn and protect buildings users).
- Lead at least 3 large-scale demonstrations of the solutions in diverse geographical areas, with various local environmental, social, and economic conditions.

Project results are expected to contribute to all of the following expected outcomes:

- Increased awareness of the built environment's protective role for people and climate adaptation in case of disruptive events.
- Mainstreamed resilience as a key feature of the built environment across its life cycle.
- Improved ability of the built environment to support the preparedness and responsiveness to disruptive events at larger scales.
- Improved ability of the built environment to contribute to the overall quality of living and working.
- Strengthened supply chains for materials and solutions for a resilient and climate proof-built environment, adapted to local risks.

Clustering and cooperation with other relevant projects is strongly encouraged; e.g. with the Horizon Europe Partnership on 'Driving urban transitions'.

This topic requires the effective contribution of SSH disciplines and the involvement of SSH experts, institutions as well as the inclusion of relevant SSH expertise, in order to produce meaningful and significant effects enhancing the societal impact of the related research activities.

For this topic, projects are encouraged to define and implement ambitious international outreach and cooperation strategies.

This topic implements the co-programmed European Partnership on 'People-centric, Sustainable Built Environment' (Built4People).

Eligible costs will take the form of a lump sum.

Further Information:

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details /horizon-cl5-2022-d4-02-01;callCode=null;freeTextSearchKeyword=;matchWholeText=true;typeCodes=1,2,8;statusCogno,8;statusCodes=31094502;programmePeriod=2021%20-%202027;programCcm2ld=43108390;programDivisionCode e=null;focusAreaCode=null;destination=null;mission=null;geographicalZonesCode=null;programmeDivisionProspectionProspect=null;startDateLte=null;startDateGte=null;crossCuttingPriorityCode=null;cpvCode=null;performanceOfDerformanceOfDelivery=null;sortQuery=startDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePagerchTablePageState

16. /Water4All/ Water4All 2022 Joint Transnational Call Pre-Announcement, deadline: 31. October 2022, 1. Step

The call will focus on solutions for hydroclimatic extreme events, as described in the Water4All Strategic Research and Innovation Agenda Theme III "Water for the future: sustainable water management", as well as address the cross-cutting Theme VII "Governance" and Theme V "Water Infrastructures". Research & innovation proposals submitted under the Water4All 2022 Joint Transnational Call are required to address at least one of the following topics:

Topic 1. Resilience, adaptation and mitigation to hydroclimatic extreme events

- Addressing knowledge gaps in our understanding of the causes of water scarcity, drought events, seasonal variability in climate impacts to develop adaptation and mitigation measures, taking climate change into account.
- Developing and demonstrating innovative (or improved) societally acceptable adaptation and mitigation strategies to cope with hydro-climatic extreme events and their increase in length and duration. This includes floods and droughts, although is not limited to them, adopting a regional or a basin scale wide approach.
- Improving resilience and adaptation capacity of water infrastructure (e.g., industrial water facilities, urban networks, wastewater treatment facilities, stormwater management systems and rural systems) to hydroclimatic extreme events.

Topic 2. Tools for water management - in the context of hydroclimatic extreme events

- Developing tools (e.g., multi-risk approach, decision support tools, monetary/non- monetary costs valuation) to support the design and implementation of strategies for adaptation and mitigation to hydro-climatic extreme events, especially floods (including "flash-floods"), heat waves and droughts in a catchment to sea perspective.



- Generating new methodologies, tools and models for water resources assessment/modelling for water bodies in scarcely monitored /data scarce areas. A combination of physical and digital solutions is expected, and opportunities provided by citizen science should be seized.
- "Smartening the water system" and use of innovative digitalization, including improved/new sensors, models, communications and computing technologies.

Topic 3. Improved water governance in the context hydroclimatic extreme events and international contexts

- Undertaking an analysis and developing robust Governance models for the management of water resources in the context of extreme events, is critical increasing the decision-making capacity of institutions and involvement of citizens. This should include ways of improving coordination between water managers to increase our capacity to reduce vulnerability to extreme events, as well as effectively respond to them.
- Addressing and encouraging international cooperation in the field of water, including management of transboundary water resources and contribution to Water Diplomacy.

The international RD&I projects duration should be 36 months.

Over 30 M^{mathematic}

Further Information:

http://www.waterjpi.eu/joint-calls/joint-call-2022-water4all

17. /KoWi/ Europäische Kommission: Informationsveranstaltung zur Lump sum-Förderung, Termin: 20. Oktober 2022 um 10 Uhr

Die Europäische Kommission organsiert am 20. Oktober 2022 von 10:00 Uhr bis 12:00 Uhr eine Online-Informationsveranstaltung zur Lump sum-Förderung in Horizon Europe. Unter dem Titel "Lump Sum Funding in Horizon Europe: How does it work? How to write a proposal?" werden Expert/innen der Kommission die Grundsätze der Projektförderung durch Pauschalen erläutern, Tipps für die Antragstellung geben sowie praktische Erfahrungen aus der bisherigen Implementierung entsprechender Projekte gemeinsam mit weiteren Stakeholder/innen vermitteln.

Schon bei der Konzeption des Arbeitsprogramms 2021-22 wurden über 20 Topics als Lump sum-Projekte ausgeschrieben. Auch für den weiteren Verlauf von Horizon Europe plant die Kommission eine zunehmende Anwendung dieser Form von Förderung.

Die Online-Veranstaltung wird über Webstream übertragen und eine Anmeldung im Vorfeld ist nicht erforderlich. Weitere Informationen zum Event finden Sie auf der unten genannten Veranstaltungswebseite der Europäischen Kommission.

Weitere Informationen:

https://294962.seu2.cleverreach.com/c/74983531/eb3483f124b8-rhtyf5

18. /KoWi/ Europäische Kommission: EU Bioeconomy Conference 2022, Termin: 06. und 07. Oktober 2022

Am 6. und 7. Oktober 2022 organisiert die Europäische Kommission eine hochrangige Konferenz mit dem Thema "The Bioeconomy - Enabling the European Green Deal in Challenging Times".

Bei der Veranstaltung sollen die Ergebnisse des im Juni 2022 angenommenen Fortschrittsberichts zur EU-Bioökonomie-Strategie vorgestellt werden (s. KoWi-Newsletter vom 17.06.2022). Ergänzend dazu sollen Erfolgsgeschichten der EU-Forschung und -Innovation im Bereich Bioökonomie und weitere Belege für die erfolgreiche Umsetzung der EU-Bioökonomie-Strategie vorgestellt werden. Zudem soll die Konferenz Gelegenheit geben, zu erörtern, wie die Bioökonomie dazu beitragen kann, bestimmte Zielkonflikte besser zu bewältigen, z.B. mit Blick auf die Frage, wie die steigende Nachfrage nach Biomasse für den Energie-und Industriebedarf mit den zunehmenden Klima- und Biodiversitätszielen in Einklang gebracht werden



kann.

Die Konferenz wird im Charlemagne-Gebäude der EU-Kommission in Brüssel stattfinden und zudem per Live-Stream im Internet übertragen.

Die Anmeldung zur Konferenz ist bereits geöffnet und bis zum 1. Oktober 2022 möglich.

Weitere Informationen:

https://294962.seu2.cleverreach.com/c/75004341/eb3483f124b8-rhtyi3

19. /Sonstige/ Das ABC der EU-Forschungsförderung - Teil C wie Coaching für Anträge in Horizon Europe, Termin: 20. September 2022 um 10 Uhr

Der dritte Teil der ABC-Veranstaltungsreihe ist das "C".

Das Coaching für Anträge in Horizon Europe.

Hier werden Inhalte vermittelt, die für einen erfolgreichen Antrag wichtig sind. Sie werden auf den neuesten Stand zum Erstellen der einzelnen Antragsteile gebracht, sowie für die Kostenkalkulation und Verträge.

Bitte melden Sie sich unter https://eveeno.com/177588982 an.

Weitere Informationen:

https://www.euhochschulnetz-sachsen-anhalt.de/Veranstaltungen/Das+ABC+der+EU_Forschungsf%C 3%B6rderung+_+Teil+C+wie+Coaching+f%C3%BCr+Antr%C3%A4ge+in+Horizon+Europe-p-6108.html

20. /Sonstige/ Contact Research Funding Advice of the Otto von Guericke University Magdeburg

For questions about funding opportunities, specific calls for proposals, help with submitting applications and project support, please contact the department for Research Funding Advice/EU-University Network of Otto von Guericke University Magdeburg.

Information on current events, funding structures and contact online at:

https://www.ovgu.de/en/ContactResearchFundingAdvice

https://www.euhochschulnetz-sachsen-anhalt.de/en/