

In the coming months, many topics will be open for submission under Horizon 2020, the European framework programme for research and innovation. This **NMBP** calendar is addressed to UVEG researchers. Check below if your topic is included. If so, please contact [OPER UV](#) to assist you in the preparation of your proposal.

CALL FOR NANOTECHNOLOGIES, ADVANCED MATERIALS, BIOTECHNOLOGY AND PRODUCTION

Call identifier: [H2020-NMBP-2016-2017](#)



Two-Stage Open 11 May 2016 – Deadline 27 October 2016
1st Stage

- BIOTEC-05-2017: Microbial platforms for CO2-reuse processes in the low-carbon economy RIA
- BIOTEC-06-2017: Optimisation of biocatalysis and downstream processing for the sustainable production of high value-added platform chemicals IA
- BIOTEC-07-2017: New Plant Breeding Techniques (NPBT) in molecular farming: Multipurpose crops for industrial bioproducts RIA
- NMBP-04-2017: Architected /Advanced material concepts for intelligent bulk material structures RIA
- NMBP-05-2017: Advanced materials and innovative design for improved functionality and aesthetics in high added value consumer goods IA
- NMBP-06-2017: Improved material durability in buildings and infrastructures, including offshore RIA
- NMBP-07-2017: Systems of materials characterisation for model, product and process optimisation RIA
- NMBP-12-2017: Development of a reliable methodology for better risk management of engineered biomaterials in Advanced Therapy Medicinal Products and/or Medical Devices RIA
- NMBP-14-2017: Regulatory Science Framework for assessment of risk benefit ratio of Nanomedicines and Biomaterials RIA
- NMBP-15-2017: Nanotechnologies for imaging cellular transplants and regenerative processes in vivo RIA
- NMBP-19-2017: Cost-effective materials for “power-to-chemical” technologies RIA
- NMBP-20-2017: High-performance materials for optimizing carbon dioxide capture IA
- NMBP-22-2017: Business models and industrial strategies supporting novel supply chains for innovative product-services RIA
- NMBP-25-2017: Next generation system integrating tangible and intangible materials model components to support innovation in industry IA
- NMBP-28-2017: Framework and strategies for nanomaterial characterisation, classification, grouping and read-across for risk analysis RIA
- NMBP-29-2017: Advanced and realistic models and assays for nanomaterial hazard assessment RIA
- NMBP-35-2017: Innovative solutions for the conservation of 20th century cultural heritage RIA

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Call identifier: [H2020-NMBP-2016-2017](#)



Open 20 September 2016 – Deadline 19 January 2017

- BIOTEC-08-2017: Support for enhancing and demonstrating the impact of KET Biotechnology projects CSA
- NMBP-13-2017: Cross-cutting KETs for diagnostics at the point-of-care RIA
- NMBP-16-2017: Mobilising the European nano-biomedical ecosystem CSA
- NMBP-31-2017: Presidency events CSA
- NMBP-34-2017: Governing innovation of nanotechnology through enhanced societal engagement CSA
- NMBP-37-2017: Mapping a path to future supply chains CSA
- NMBP-38-2017: Support for the enhancement of the impact of PILOT projects CSA

CALL FOR ENERGY-EFFICIENT BUILDINGS

Call identifier: [H2020-EEB-2016-2017](#)



Open 20 September 2016 – Deadline 19 January 2017

- EEB-05-2017: Development of near zero energy building renovation IA
- EEB-06-2017: Highly efficient hybrid storage solutions for power and heat in residential buildings and district areas, balancing the supply and demand conditions RIA
- EEB-07-2017: Integration of energy harvesting at building and district level IA
- EEB-08-2017: New business models for energy-efficient buildings through adaptable refurbishment solutions CSA

CALL: INDUSTRY 2020 IN THE CIRCULAR ECONOMY

Call identifier: [H2020-IND-CE-2016-17](#)

Two-Stage Open 11 May 2016 – Deadline 27 October 2016 1st Stage



- PILOTS-03-2017: Pilot Lines for Manufacturing of Nanotextured surfaces with mechanically enhanced properties IA
- PILOTS-04-2017: Pilot Lines for 3D printed and/or injection moulded polymeric or ceramic microfluidic MEMS IA
- PILOTS-05-2017: Paper-based electronics RIA

CALL: INDUSTRY 2020 IN THE CIRCULAR ECONOMY

Call identifier: [H2020-IND-CE-2016-17](#)



Open 20 September 2016 – Deadline 19 January 2017

- FOF-06-2017: New product functionalities through advanced surface manufacturing processes for mass production RIA
- FOF-07-2017: Integration of unconventional technologies for multi-material processing into manufacturing systems RIA
- FOF-08-2017: In-line measurement and control for micro-/nano-enabled high-volume manufacturing for enhanced reliability IA
- FOF-09-2017: Novel design and predictive maintenance technologies for increased operating life of production systems IA
- FOF-10-2017: New technologies and life cycle management for reconfigurable and reusable customised products IA
- FOF-12-2017: ICT Innovation for Manufacturing SMEs (I4MS) CSA, IA
- SPIRE-07-2017: Integrated approach to process optimisation for raw material resources efficiency, excluding recovery technologies of waste streams IA
- SPIRE-08-2017: Carbon dioxide utilisation to produce added value chemicals RIA
- SPIRE-09-2017: Pilot lines based on more flexible and down-scaled high performance processing IA
- SPIRE-10-2017: New electrochemical solutions for industrial processing, which contribute to a reduction of carbon dioxide emissions RIA
- SPIRE-11-2017: Support for the enhancement of the impact of SPIRE PPP projects CSA
- SPIRE-12-2017: Assessment of standardisation needs and ways to overcome regulatory bottlenecks in the process industry CSA
- SPIRE-13-2017: Potential of Industrial Symbiosis in Europe CSA



Two-Stage Open 8 November 2016 – Deadline 7 March 2017

- CIRC-01-2016-2017: Systemic, eco-innovative approaches for the circular economy: large-scale demonstration projects IA
- CIRC-02-2016-2017: Water in the context of the circular economy IA