

MATERIALS R&I Research Interests:

EU-Calls (1/2)

H2020: Materials, their Technology, and related topics

Calls early in 2019

NMBP Calls

OPEN INNOVATION TEST BEDS (22 January 2019)

DT-NMBP-03-2019: Open Innovation Test Beds for nano-enabled surfaces and membranes (IA)

MATERIALS CHARACTERISATION and COMPUTATIONAL MODELLING

DT-NMBP-08-2019: Real-time nano-characterisation technologies (RIA) (22 January 2019)

DT-NMBP-10-2019: Adopting materials modelling to challenges in manufacturing processes (RIA) (22 January 2019)

DT-NMBP-12-2019: Sustainable Nano-Fabrication (CSA) (3 September 2019)

GOVERNANCE, SCIENCE-BASED RISK ASSESSMENT AND REGULATORY ASPECTS

NMBP-15-2019: Safe by design, from science to regulation: metrics and main sectors (RIA)

FACTORIES OF THE FUTURE (FOF) Deadline 21 February 2019:

DT-FOF-05-2019: Open Innovation for collaborative production engineering (IA)

DT-FOF-06-2019: Refurbishment and re-manufacturing of large industrial equipment (IA)

DT-FOF-08-2019: Pilot lines for modular factories (IA 50%)

DT-FOF-12-2019: Handling systems for flexible materials (RIA)

Deadline 22 January 2019:

DT-NMBP-18-2019: Materials, manufacturing processes and devices for organic and large area electronics (IA)

DT-NMBP-19-2019: Advanced materials for additive manufacturing (IA)

BIOTECHNOLOGY (Deadline 24 April 2019)

CE-BIOTEC-05-2019: Microorganism communities for plastics bio-degradation (RIA)

MATERIALS R&I Research Interests

EU-Calls (2/2)

CLEAN ENERGY THROUGH INNOVATIVE MATERIALS

LC-NMBP-27-2019: Strengthening EU materials technologies for non-automotive battery storage REPLACED by BAT- series of calls (2019)

Deadline 22 January 2019:

LC-NMBP-29-2019: Materials for non-battery based energy storage (RIA)

LC-NMBP-32-2019: Smart materials, systems and structures for energy harvesting (RIA)

ENERGY-EFFICIENT BUILDINGS (EEB) Deadline: 21 February 2019

LC-EEB-01-2019: Integration of energy smart materials in non-residential buildings (IA)

LC-EEB-03-2019: New developments in plus energy houses (IA)

LC-EEB-05-2019-20: Integrated storage systems for residential buildings (IA)

Greening the economy in line with the Sustainable Development Goals (SDGs)

Raw materials -- Deadline: 19 Febr. 2019

CE-SC5-07-2018-2019-2020: Raw materials innovation for the circular economy: sustainable processing, reuse, recycling and recovery schemes

CE-SC5-08-2018-2019-2020: Raw materials policy support actions for the circular economy

SC5-09-2018-2019: New solutions for the sustainable production of raw materials

SC5-10-2019-2020: Raw materials innovation actions: exploration and Earth observation in support of sustainable mining

ICT (Deadline 28 March 2019)

ICT-06-2019 Unconventional Nanoelectronics

Building a Low-Carbon, Climate Resilient Future: Next-Generation Batteries

Battery Calls 2019 (reorganized, new), with deadline 25 April 2019

LC-BAT-2-2019 Strengthening EU materials technologies for non-automotive battery storage

LC-BAT-3-2019 Modelling and simulation for Redox Flow Battery development

LC-BAT-4-2019 Advanced Redox Flow Batteries for stationary energy storage

LC-BAT-5-2019 Research and innovation for advanced Li-ion cells (generation 3b)

LC-BAT-6-2019 Li-ion Cell Materials & Transport Modelling

LC-BAT-7-2019 Network of Li-ion cell pilot lines