



RawMaterials

Connecting matters

Course Design for circularity for KAVA Call 9

Brokerage Event & Expert Forum³ | 13-14 October 2021



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SHORT DESCRIPTION OF THE IDEA

Design for circularity

Course for professionals on design of electrical products

- life cycle and circularity of a product
- new E directive
- environmental impact of a product
- interpret, evaluate, and criticise the results of a life cycle assessment
- improve the circularity of a product
- Focus on modify, compose or create a (more) circular product (easy to repair, or to be remanufactured, or to be dismantled and recycled).

THEMATIC SCOPE OF THE PROJECT PROPOSAL

Category of activity:

- Education/Upscaling/RIS

Link with the topics addressed in KAVA Call 9:

- **Raw Materials and Circular Societies Lighthouse:**
 - Recycling of end-of-life products containing Strategic Materials and/or CRMs
 - Supply of Strategic Materials and/or CRMs
 - Resource and Energy efficient in metallurgical and Mineralogical processing
- **Sustainable Materials Future Mobility Lighthouse:**
 - Resource efficient design
 - Innovative technical and business solutions in process design, plant engineering and construction
 - Development of an improved Life Cycle Inventory database
- **Sustainable Discovery and Supply Lighthouse:**
 - Targeted exploration of Strategic Materials and/or CRMs
 - Supply of Strategic Materials and/or CRMs
 - Environmental-Social-Governance (ESG)

CURRENT STATUS OF THE PROPOSAL

- **Current status of the proposal:** Open for partners
- **Type of expertise requested:**
- Network in other countries on producers on electrical products.
- Transition management
- Teaching skills

TYPE OF EXPERTISE REQUESTED

On focus on modification of product, we look for partners with some affiliation in the world of:

- Electronic equipment such as computers, phones, tablets
- Domestic electric appliances
- Automotive sector
- Aeronautic sector
- Sustainable energy related technologies (photovoltaic panels, wind turbines etc)

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