



Marie  
Sklodowska-Curie  
Actions

## CEA Grenoble / France - Expression of Interest Sustainable Electronics and Life Cycle Analyses Marie Skłodowska-Curie Individual Fellowship

CEA-LETI will support motivated, ambitious and talented researchers in the Sustainable Electronics & Life Cycle Analyses fields as applicants for the preparation of [MSCA-IF](#) project proposals and will be glad to welcome them in its research group on this topic.

### ABOUT THE ORGANIZATION

CEA is a French governmental research-and-technology organization with activities in energy, Information Technology, healthcare, defense and security. CEA-Leti, a CEA division located in Grenoble, is the largest French research and technology organization specialized in micro- and nanotechnologies. Dedicated to creating value and innovation for transfer to its industrial partners, Leti's 1,800 researchers strive to make our society smarter, healthier, more sustainable and more secure. The scientific excellence and multidisciplinary expertise of its personnel are the foundation of Leti's offer to industry.

CEA-LETI's System Division has a strong experience in Low-Power Electronics & Autonomous systems including Hardware and Firmware Power Consumption Optimizations, Energy Harvesting or Wireless Power Transmission to develop Long-life and Battery-Free electronic devices. Electronics Activity has environment impacts (natural resources, carbon emissions) and has to become more and more sustainable to support tomorrow's challenges. To develop our roadmap on Sustainable Electronics, we are now targeting research on ecoconception, self-healing, reparability and recyclability.

### RESEARCH PROJECT DESCRIPTION

We offer the applicant a complete integration in our research group on Low-Power Electronics & Autonomous Systems to develop his/her research activities in Sustainable Electronics to promote Eco-Conception/Life Cycle Analysis/product recyclability to industrial companies or within a startup. The Researcher will benefit of CEA's equipment required to conduct research in Eco-conception and CEA's environment fostering innovation.

### WHO CAN APPLY

MSCA IF ELIGIBILITY CRITERIA:

- The researcher must be an experienced researcher (PhD or at least 4 years of full-time research after master's degree - no upper age limit)
- The researcher may be of any nationality and can come from anywhere in the world
- The researcher cannot have resided or carried out his/her main activity (work, studies, etc.) in France for more than 12 months within the last three years
- 12-to-24-month research project in France (Grenoble)

OFFER REQUIREMENTS:

- PhD in Sustainability, LCA, Electronics
- Language: English, French

### CONTACT PERSON

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### DOCUMENTS TO SUPPLY

- CV with Research Experience
- Short Summary of the Research Proposal (2 A4 pages maximum)
- Deadline : 1<sup>st</sup> July 2020