

From: [Patricia Thomas](#)
To: [Membership @ Recharge Batteries](#)
Subject: LOOKING FOR A PARTNER FOR H2020
Date: Friday, 13 December 2019 16:27:43
Attachments: [image001.png](#)
Importance: High

Dear [Sirs](#):

I belong to the Spanish National Research Council (CSIC), the main public research organization in Spain. I contact you since we are about to close a proposal for the Call Marie Skłodowska-Curie Innovative Training Networks (ITN). **We are looking for an industrial partner, producer of polymer materials for application in batteries, to participate in our project called ETN-POLYTE.** I'd really appreciate if you could contact with a company of your association interested into participate. Below you will find general information of the call, specific information of our project **ETN-POLYTE** and the role of the partner sought. Please don't hesitate to contact me for additional information. **I'd really appreciate your feedback.**

GENERAL INFORMATION ABOUT ITN

The Innovative Training Networks (ITN) aim to train a new generation of creative, entrepreneurial and innovative early-stage researchers, able to face current and future challenges and to convert knowledge and ideas into products and services for economic and social benefit. ITN supports competitively selected joint research training and/or doctoral programmes, implemented by partnerships of universities, research institutions, research infrastructures, businesses, SMEs, and other socio-economic actors from different countries across Europe and beyond.

ETN-POLYTE

Partnerships take the form of collaborative European Training Networks (ETN) among others. **ETN-POLYTE training network** will tackle the challenges of an aqueous, polymer-based Redox Flow Battery operating under neutral or close to neutral pH value such as decreasing in the final cost of the kilowatt-hour by enhancing the energy and power density, using inexpensive and abundant materials and increasing the cycle life. The main goal of POLYTE is to provide high-level training in "Rechargeable Polymer Redox Flow Batteries" to a new generation of high achieving early stage researchers (ESRs) to provide them with the transferable skills necessary for thriving careers in a burgeoning area that underpins innovative technological development across a range of diverse disciplines.

ETN-POLYTE training network will overcome the challenges of an aqueous redox flow battery such as poor cycling stability, low columbic efficiency and the gas evolution of oxygen/hydrogen due to side reactions by the application of advanced approaches for the design of highly efficient rechargeable polymer electrolytes, separators and electrical conducting bipolar plates materials while also following sustainability criteria in the selection of the functional materials.

ROLE OF THE PARTNER SOUGHT: an European company with capability to scale the production of resulting polymer materials to be applied in a pilot cell. For more information, please contact us.

DEADLINE: 14/01/2020

Kind regards
Patricia

Dra. Patricia Thomas Vielma (Ph.D.)

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