

I am glad to announce that a new Post-Doc position (*Assegno di Ricerca*) is now available in the “Chemists’ Group” of the Dept. of Environmental Science and Policy of the Università degli Studi di Milano (<http://www.esp.unimi.it/>). Our Department has been recently ranked among the Excellence Departments (2023-2027) in Italy.

Position in pills:

The position is for a post-doctoral research fellow for **1-year contract (renewable** for an additional year) in the framework of **recycling** all the different kinds of **spent lithium-ion batteries** through the development of a **hydrometallurgical industrial process**.

Important dates:

Deadline for applicants: **16 May 2023**

Start of post-doc fellowship: **1 June 2023**

The candidate will give his/her scientific contribution as part of an **IPCEI project** (*Important Projects of Common European Interest*) named European Battery Innovation - IPCEI Batterie 2, recently funded by the European Commission.

The position will offer the intriguing possibility to work in a young, motivated and challenging Working Team resulting from a **tight collaboration with the R&D section of an Italian company**, called Engitec Technologies S.p.A (<https://www.engitec.com/>). Engitec is longly active in the development of technologies for the recovery of non-ferrous metals from many different industrial wastes. Among them, spent lithium ion batteries (LIBs) are the new target and the development of a hydrometallurgical recycling plant is the new challenge.

Many different lab facilities have been recently implemented by Engitec in their R&D labs, with particular attention to analytical instrumentations like AAS, XRF and chromatographic techniques (HPLC and ionic chromatography); autonomous use of SEM-EDS machine.

In our university labs, additional and complementary instrumentations are available, like electrochemical apparatus, FTIR/ATR, gas chromatography, etc. Thank to technological platforms, bigger instrumentations are also available, like NMR machines. Through active research collaborations, other techniques could be accessible if necessary (TGA-DSC, SEC, etc.).

For those who want to accept this technological challenge, here below the direct link for the application (**deadline: 16 May 2023**):

<https://www.unimi.it/it/ricerca/ricerca-lastatale/fare-ricerca-da-noi/assegni-e-borse/bandi-assegni-di-ricerca/bando-di-tipo-b-dott-magni-id-5771>

If you have questions, please feel free to contact me at mirko.magni@unimi.it