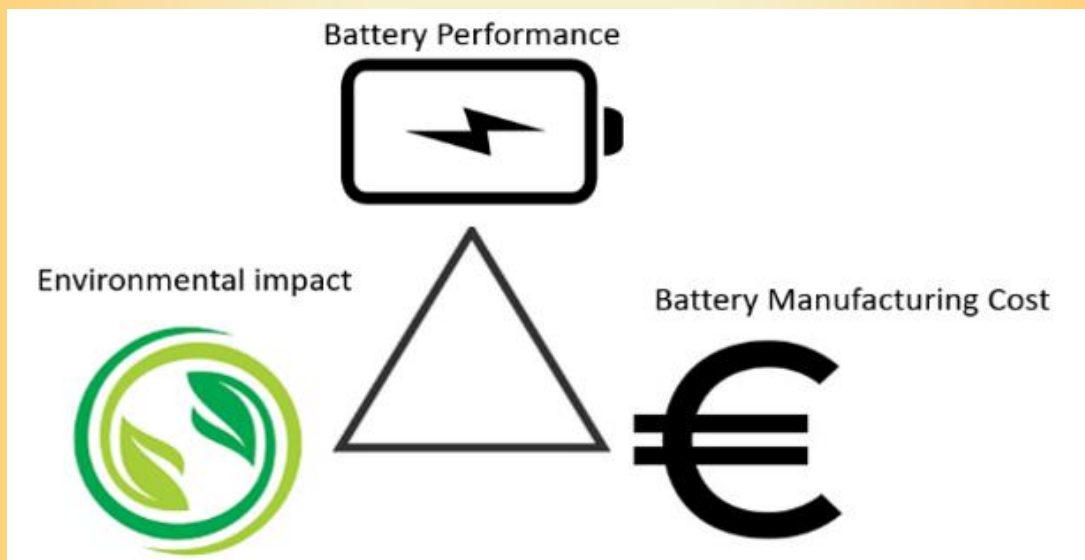


**Quarta-Feira, 20 de Outubro às 15h**  
**Anfiteatro de Física, Escola de Ciências, Campus**  
**de Gualtar**

## **Complete Battery Value Chain in Portugal: from mining to recycling**

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### **Resumo:**

Considering the current clean energy transition, it is critical to address the role of battery storage and to enable the full battery value chain at the national level. Therefore, putting together the already existing players in Portugal along the battery value chain is of utmost importance. Attracting the key players is the more efficient way to address these great challenges at each step of the value chain: up-stream, mid-stream, and downstream, and also the out-stream (in order to adopt a life-cycle approach). Each one of the presented topics is already in an industrial and commercial phase, however, these topics can be largely improved. Since the industrial deployment of the manufacturing of these solutions are found to be very CAPEX intensive, there is the need to deploy pilot facilities that together with a strong know-how can together screen the best technological solutions using the most out of limited resources. In this talk, we will explore some of the advantages and limitations that Portugal has in implementing the a complete battery value chain.