



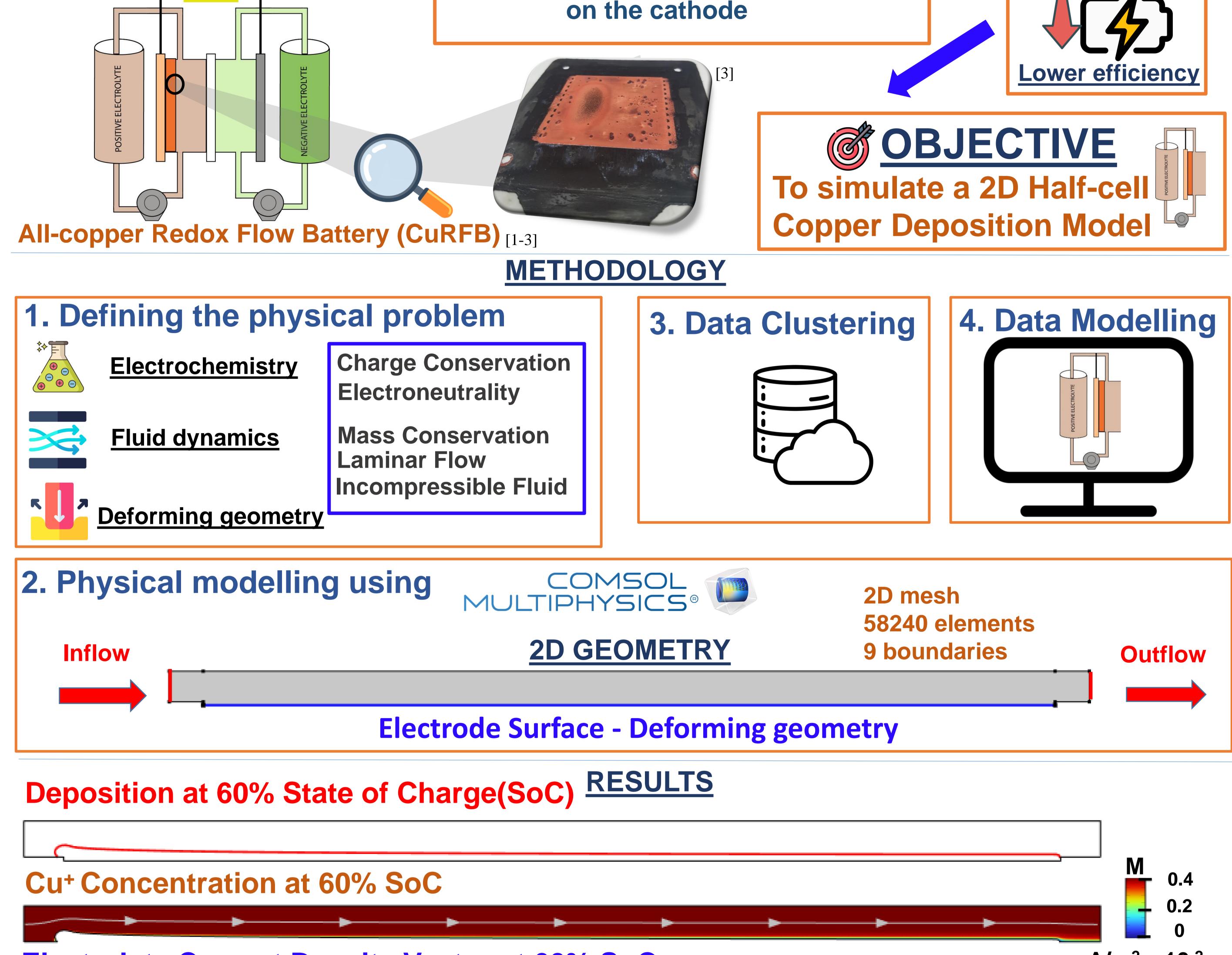
## A 2D Copper Deposition Model of an All-copper Redox Flow Battery

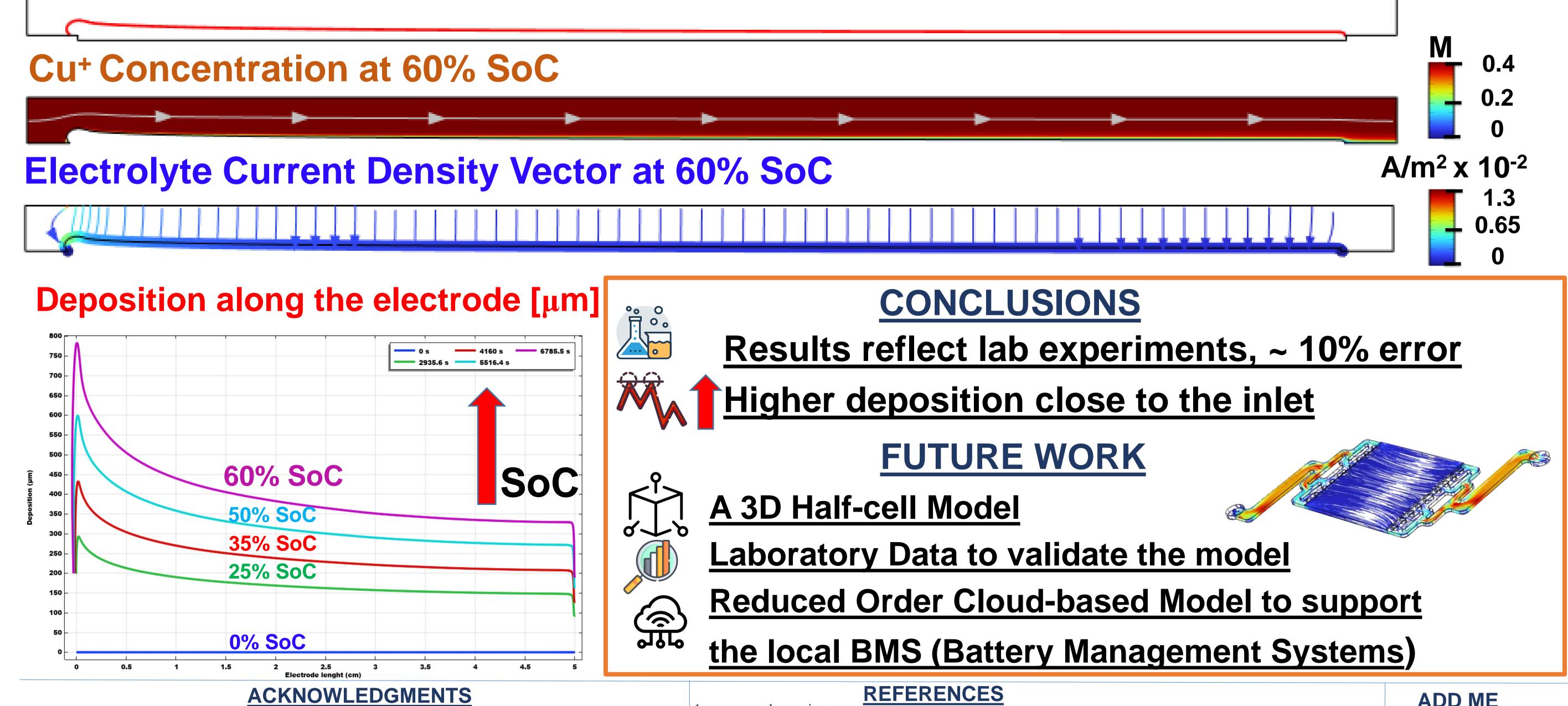


Mirko D'Adamo<sup>1</sup>, Wouter Badenhorst<sup>2</sup>, Lasse Murtomäki<sup>2</sup>, Paula Córdoba<sup>1</sup>

- <sup>1</sup> NVISION Systems and Technologies, S.L., Av. Barcelona, 105-DESP 23Ed. IG-NOVA, 08700 Igualada, Spain
- <sup>2</sup> Department of Chemistry and Materials Science, School of Chemical Engineering, Aalto University, PO Box 16100, 00076 Aalto, Finland







The research leading to these results has been performed within the CuBER project and received funding

from the European Community's Horizon 2020 Programme (H2020/2014-2020) under grant agreement n\* 875605.

With the support of Pla de Doctorats Industrials de la Secretaria d'Universitats i Recerca del Departament d'Empresa i Coneixement de la Generalitat de Catalunya DOCTORATS INDUSTRIALS

**REFERENCES** 

www.cuberproject.com 2. Sanz, Laura, et al. "Description and performance of a novel aqueous all-copper redox flow battery." Journal of Power Sources 268 (2014): 121-128

Badenhorst, Wouter Dirk, et al. "Performance improvements for the all-copper redox flow battery: Membranes, electrodes, and electrolytes." Energy Reports 8 (2022): 8690-8700

