Master thesis student in CO2 modeling for batteries

Sphere-Energy (sphere-energy.eu) is a fast-growing, highly innovative battery startup located in Paris and Augsburg – with the mission to accelerate the commercialization of new energy storage systems. In the last years we have gained clients from leading research institutions and global industrial players in the battery field. We have won several startup awards and recently closed a financing round to globally scale our business.

We are now looking for a student to help shaping our Life Cycle Assessment (LCA) model to analyze and model CO2 footprints of different battery cells.

For this 6-9 month position we are looking for a Master student in (Business) Chemistry, Sustainability/Environmental Studies, Physics or Computer/Data Science. This position can include the supervision of a Master thesis. As the tasks can be done fully remotely, we are looking for any high-performing student living in the CET time zone (± 2h).

Activities and responsibilities:

- Review and challenge current sustainability conceptual model
- Update logical data model
- Source and analyze additional data for our life cycle inventory
- Develop CO2 and Cost modeling use cases
- Work closely with founders to shape sustainability model
- Present model to potential clients

Your profile:

- Good English written and verbal skills
- Savvy in Microsoft Excel
- Initial experience in data modeling
- Initial experience in statistical modeling (python, R, matlab, others)
- Interest in battery research and sustainability

Everyone is welcome at Sphere. We know that diverse teams build better products and we are committed to creating an inclusive culture built on a foundation of respect for all individuals. We encourage candidates from non-traditional backgrounds or underrepresented groups to apply.

Interested to learn more? Share your CV and send a small paragraph introducing yourself and your motivation to info@sphere-energy.eu