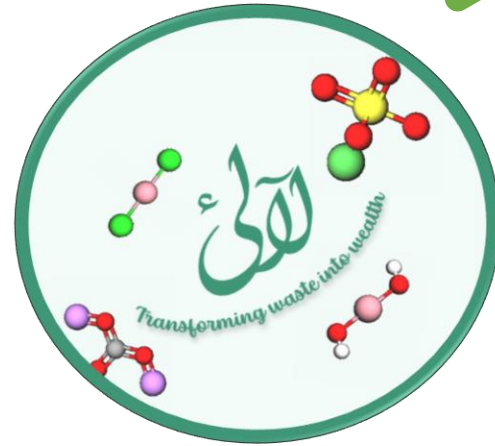


## Mentors

Salma  
Loutfi

Maroua  
AMEZIANE



# Showcase

Team member : AOUAD Chafika

ExID-23F-1739185386

1<sup>st</sup> march 2024

# Problem



The **extended producer responsibility** is introduced in the modifications of the law **28-00** concerning waste management. This makes the **producers** and **importers** responsible for collecting and recycling what is generated by their products at the end of their life cycle



Morocco aims to manufacture and recycle Lithium-ion battery(LIB) for Electric vehicles.

There is no clear pathway for spent LIB disposal.

The most used LIBs in Morocco are within consumer electronics



# Our Value proposition

LaaLiE collects ALL phone LIBs on behalf of the phone battery producers and importers in a legal and safe method while valorizing them.



# LaaliE's Solution



We propose to take in charge meeting the legislative requirements for the **collection and valorization of spent LIBs on the behalf of Phone Producers and importers** as well as doing the **Public education and awareness** regarding the dangers of spent LIBs and how to dispose of them correctly



Public education and awareness



Collection of phone spent LIBs



Put each material in the right path to be valorized

# LaaLiE's Service of spent phone LIBs' collection & valorization



Initial storage  
in collection  
points

Collection of  
LIBs from  
phone shops

Discharging

Dismantlement

Recovery of

- Black mass(BM)
- Cu, Al
- Plastics

Valorisation

- Hydrometallurgy
- Steel companies
- Plastic recyclers



(a) Cover material



(b) Plastic and paper



(c) Cu-Al

Black mass  
Hazardous waste



# Our targeted customers

Producers and/or importers of phone LIBs



Aluminum and Copper clients

MAGHREB STEEL



Plastic clients

ADALI Plast  
Le professionnel du Recyclage

Black mass clients



Management

LIB manufacturers (Li carbonate, Co)

Yanhu



# LaaliE's Market

