

Executive Summary

1 Idea

Team: Female led battery recycling team with a track record of 10 years in battery recycling, consulting and science

USP: New revolutionary battery recycling process that is more sustainable (e.g., water based lithium recovery) and yields higher resource efficiency than existing solutions on the market

2 Market

Market development: LiB feedstock volume in Europe will grow by factor x21 from 2020 to 2040, revealing a 1,730 kiloton gap versus planned recycling capacity

Market size: The market for LiB raw material will reach ~€11B by 2040

3 Competitors

Advantage: cylib has core strength compared to its competitors in a high resource efficiency

Regulation: cylib already achieves EU battery regulations for the next 10 years, while its competitors still must improve their technology


4 Technology

Technology: cylib uses new thermal-mechanical combination treatment and hydrometallurgical processes to achieve higher efficiencies and lower footprints

5 Roadmap

Pilot line (phase 1): cylib succeeded to raise 11,6M seed capital for building up a pilot line and planning of industrial line

Scaling (phase 2): Building of an industrial line from 2024 onwards



We are here to
change the
game