

# **HAIKI**

**COBAT**

Circular economy platform

*Il recupero delle materie prime critiche  
dal riciclo delle batterie al litio ed alcaline*

Urban mining: Miniere Urbane, innovazione e  
valorizzazione dei materiali strategici

*27 Febbraio 2025, Mestre*





## HAIKI — RECYCLING —

**+110,000** tonnes

of waste **collected** using  
**+100** of our own  
**vehicles**

## HAIKI — MINES —

**+200,000** tonnes

of waste from **non-  
recoverable** fractions  
disposed of

## HAIKI — ELECTRICS —

**+25,000** tonnes

of electrical and  
electronic waste (**WEEE**)  
processed

## HAIKI — COBAT —

**+140,000** tonnes

sent for **recovery** thanks  
to **+60** established  
partners



# HAIKI

## COBAT

### OUR MISSION.

Haiki Cobat aims to bring added value to businesses by putting circular economy principles into practice and transforming end-of-life products into new resources. In other words, its goal is to create a virtuous circle with benefits not only for the environment, but for the businesses within it too, cutting out waste and generating new raw materials.



**+140,000 TONNES OF WASTE SENT FOR RECOVERY PER YEAR**



**END-OF-LIFE PRODUCT MANAGEMENT CONSULTING AND TRAINING**



**+70 COMPANIES AND +24 FACILITIES THROUGHOUT THE NATION**

## ABOUT US

Haiki Cobat, a division of Haiki+, works in the field of waste collection and recycling and offers targeted consultancy and tailored services, making it the ideal partner for businesses and other organisations looking for a way to improve their management of end-of-life products.

We work closely with Italy's most important companies, investing continuously in innovation and research. Haiki Cobat offers services to companies

Our ability to adhere to the principle of proximity ensures cost-effectiveness while minimising environmental impact.



We put our know-how to use in the management of **end-of-life products** with the dual goal of protecting the environment and **respecting legislation**, ensuring the highest standards of environmental sustainability.

## Batteries and accumulators

We recover spent batteries and accumulators.

## Electrical and electronic equipment

Televisions, computers, printers, washing machines, refrigerators and other household appliances, including end-of-life photovoltaic panels, undergo processing and the recovery of their components.

## Tyres

End-of-life tyres can be recycled to obtain new materials.

## Composites

For the proper management of fibreglass and carbon fibre waste and/or processing scraps.

## Textiles

For the proper management of end-of-life fabric products and scraps from production activities.



# Research & Development

*The activities of the R&D Division are mainly focused on research and development of innovative technologies, processes and products, as well as on the evaluation of their technical-economic feasibility, in order to promote the implementation of solutions that can contribute strategically to the growth and market development of Haiki+.*

To carry out these activities, the R&D Division works closely with technology providers, industrial associations, research centres, universities, counting on **funding Work Programme** (EU, national, regional) and **self-funding**.





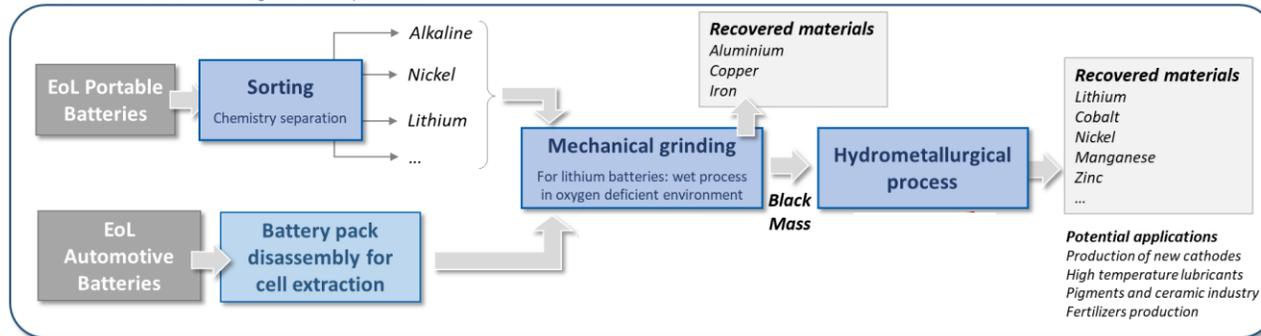
# RECYCLING PLANT



Sustainable Recycling Processes" including the set of technologies, processes, tools and knowledge-based methods to recover valuable materials from end-of-life batteries, under a new **circular economy approach**.

This activities responds to the need to develop a safe, environmentally sustainable and economically advantageous integrated treatment plant for: i) **portable alkaline and nickel**, ii) **portable and automotive lithium**, iii) and other **"minor" chemistries** such as mercury, silver, etc. (except lead batteries).

ICT Platform for monitoring control and optimization



**Pollutri (CH)**  
**Regione Abruzzo**  
**Center of Italy**

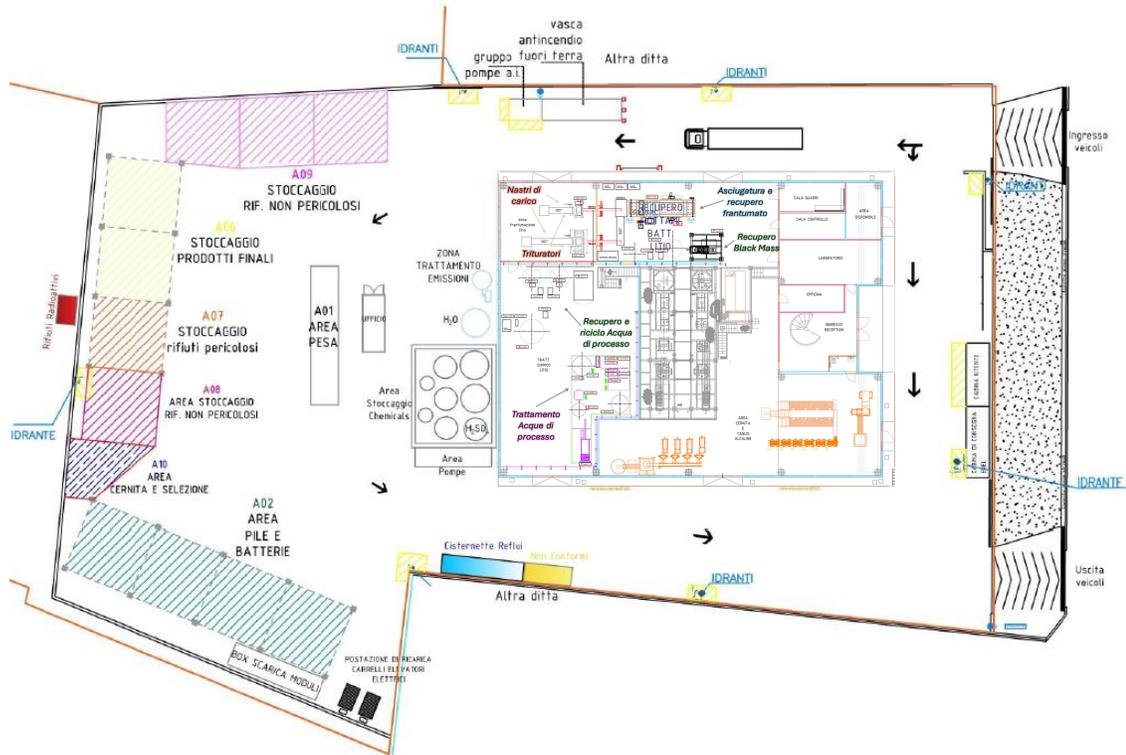
**+3.000,00 t/y**  
**Capacity**





# RECYCLING PLANT

**cobat**  
ecofactory



**+3.000,00 sqm**  
Indoor

**+5.000,00 sqm**  
Outdoor

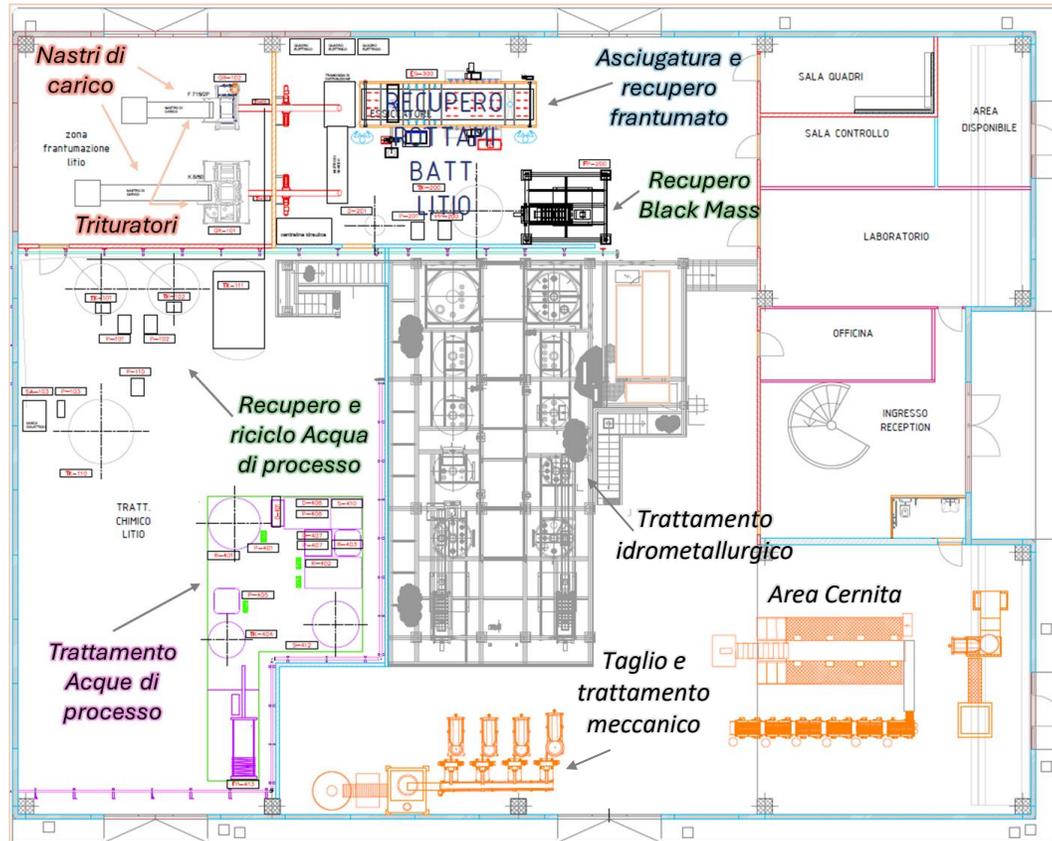
**600 kW**  
Solar Plant





# RECYCLING PLANT

**cobat**  
ecofactory

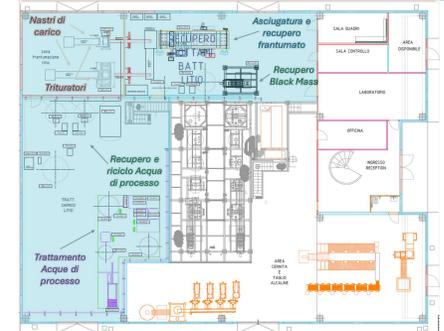






# RECYCLING PLANT

**cobat**  
ecofactory



## Processo Litio

### Frazioni in output

- **Black Mass**, da inviare a trattamento idrometallurgico per il recupero dei metalli (Li, Co, Ni, etc.)
- **Frazione mista** di metallo (Cu, Al, Fe), plastica e carta, da inviare ad ulteriore raffinazione



# ***HAIKI***

***COBAT***

[www.cobat.it](http://www.cobat.it)  
[www.haikiplus.it](http://www.haikiplus.it)

