EcoLead
Latvian Battery Recycling

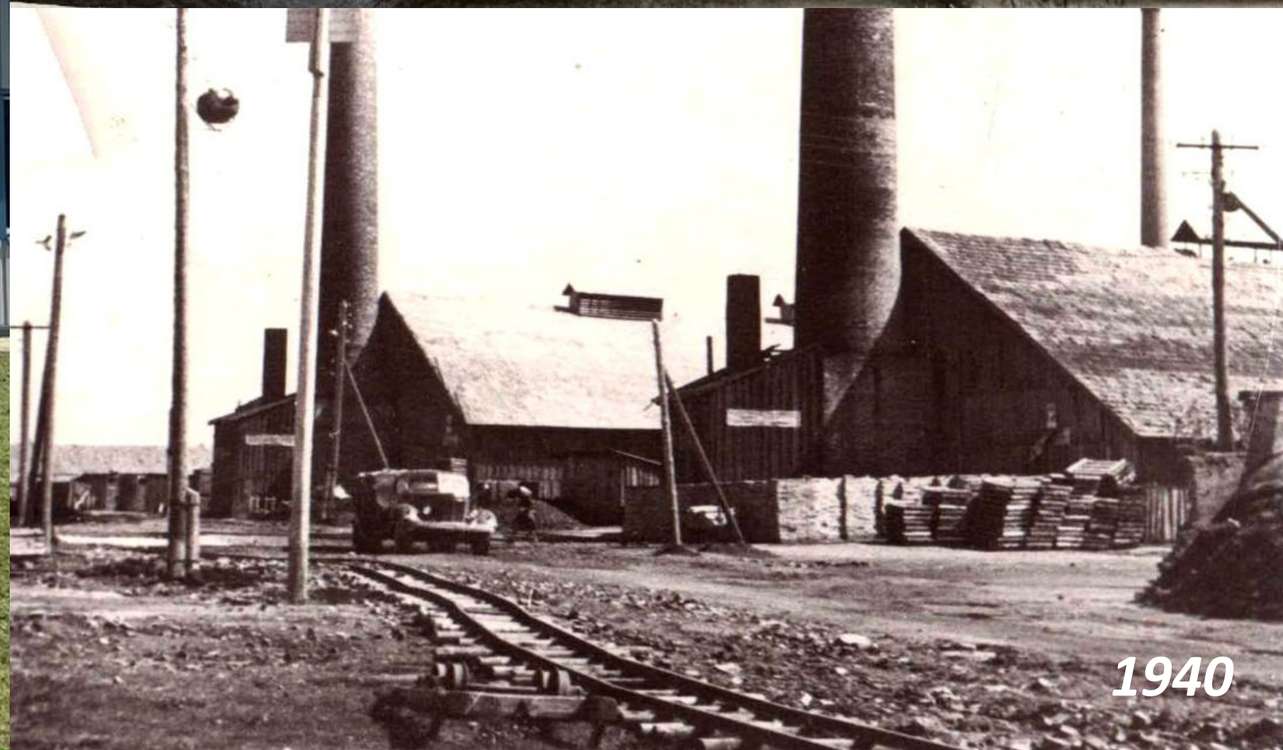
SUSTAINABILITY FOR RECYCLING COMPANIES – A DRIVER OF RESPONSIBLE GROWTH

Kaspars Fogelmanis, CEO of EcoLead

THE EVOLUTION OF LEAD-ACID BATTERY RECYCLING: FROM PAST TO PRESENT


EcoLead
Latvian Battery Recycling
2025


1960


1940

Evolution of Air Monitoring and Filtration Technologies

Organized and Secure Industrial Area

History of recycling at the same building

History of Metallurgy

Advanced Methods for Electrolyte Neutralization and Water Purification

EcoLead produces lead ingots by recycling all used lead-acid batteries in Latvia in an environmentally and health-friendly manner.

Our recycling and manufacturing processes comply with all regulations of the Republic of Latvia and the standards and environmental requirements set by the European Union.

Certification

ISO certificates confirm compliance with international standards, as well as a modern and environmentally friendly battery recycling process.

ISO 14001:2015
ISO 50001:2018
ISO 45001:2018
ISO 9001:2015

KEY LEARNINGS AND CONCLUSIONS

1

Participant in the European Green Deal

The manufacturing facility in Latvia is a key participant in the circular economy and the European Green Deal, which emphasizes recycling waste as close to its source as possible.

2

Supporting of circular economy

95-98% of the materials being recoverable

Supports a closed-loop system

Recycling of other materials

3

Reduction in Carbon Footprint

Lowering Carbon Emissions

Renewable Energy Integration

Preventing Toxic Waste

Compliance with Environmental Standards

4

Economic Benefits and Job Creation

Sustainability as a Growth Driver

Job Creation in Green Sectors

Advanced Recycling Techniques

5

Public Perception and Corporate Social Responsibility

Sustainable Practices as a Market Advantage

Community Engagement and Education

6

Challenges in Lead Battery Recycling

Economic Viability

Global Coordination

7

Building a Better Future Together

Heart of the green course

Reducing pollution

Minimizing energy use

Driving innovation in recycling technologies

8

Recycling Contribute to:

Reduce the volume of virgin materials used and the pollution

Reduce consumption of natural resources

Reduce CO2 emissions

EcoLead

Latvian Battery Recycling

- 43 employees
- 10 million euro investment
- Air quality monitoring
- Environmental monitoring

Vision

To become the leading lead battery recycling plant in the Baltic Sea region countries.

Processing Capacities and Volumes

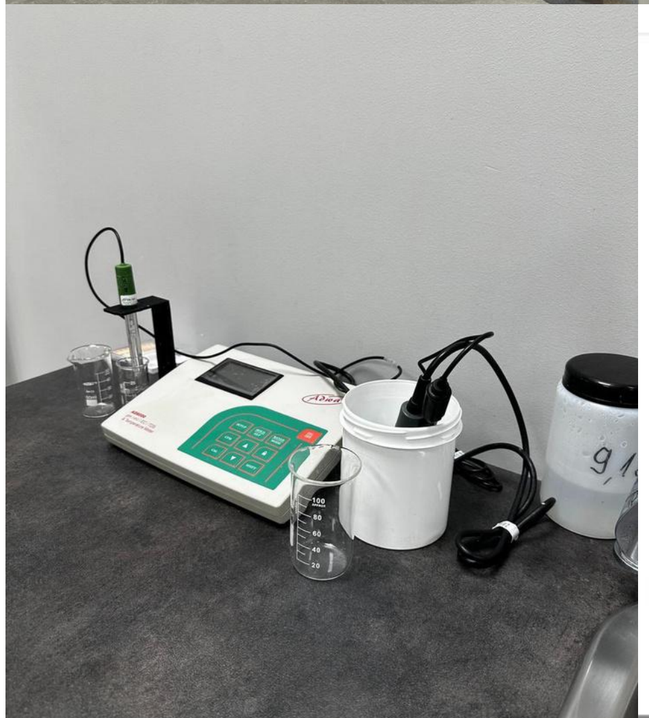
In the next three years, it is planned to process up to 15,000 tons of batteries per year, producing 8,700 tons of lead and lead alloy ingots.

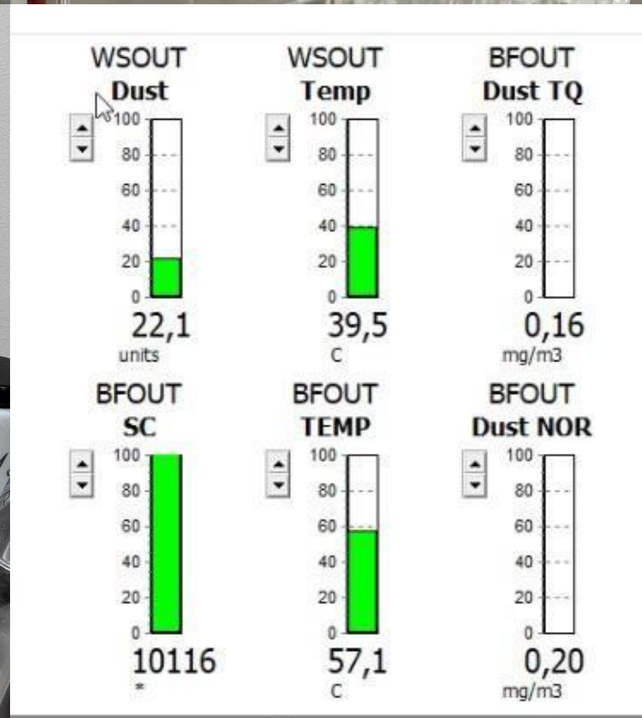
Manufacturing Process

In the factory, the production process is carried out by professional and trained employees with modern and complex technological equipment, ensuring an ecological and safe environment for employees, residents and nature. The company's automatic management and control system continuously monitors the entire production process.

Environmental Monitoring

Enhanced environmental monitoring and supervision of production processes are carried out in the factory.
Regular monitoring of factory chimneys, rainwater tanks, groundwater, pond sediments in Lielupe and Kalnciems quarries, as well as air quality control in the residential area of Kalnciems is carried out. The obtained data is transferred to the State Environmental Service.





THANK YOU FOR YOUR ATTENTION!

www.ecolead.com

info@EcoLead.lv

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