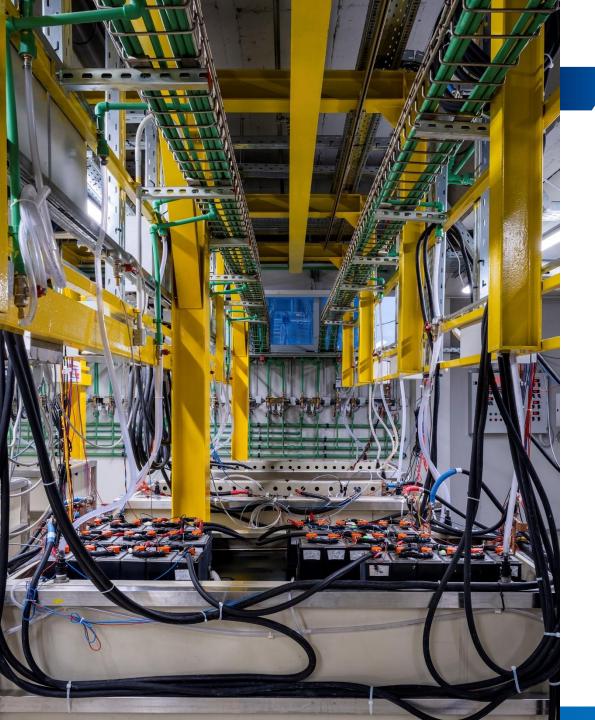




The future of lead batteries in industrial mobility Lampros Bisalas, CEO & Executive BoD Member, Sunlight Group Energy Storage Systems, Greece

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Lead-acid technology has greatly evolved, achieving major progress

Advancements have resulted in the development and production of motive power batteries that offer

- 1. improved energy density
- 2. longer cycle life
- 3. enhanced charge acceptance, and
- 4. reduced maintenance requirements

There are still aspects of Lead-acid technology that could extend their commercial viability

But overall, Lead seems to have reached its technical capabilities

Lead still has a future; yet not necessarily across all variations and applications!

Each battery chemistry carries different characteristics and suitability for specific applications

Making the best choice means considering all pertinent factors:

- ✓ application requirements
- √ safety considerations
- ✓ cost-effectiveness
- ✓ specific needs of System

All of us industry leaders must focus on optimal applications that will add value for decades to come







Latest trends indicate market consolidation

According to latest trends, the new market reality is driving consolidation across smaller and mid-sized **Lead-acid** battery manufacturers

This is a healthy and positive trend for both producers and market

Why?

Three main drivers:

- 1. Faster scaling/Cost optimization
- 2. Accelerating innovation in applications
- 3. Speeding entry to new, promising market segments

The Sunlight Way Lead-acid production focus on a single application: Flooded Motive Power



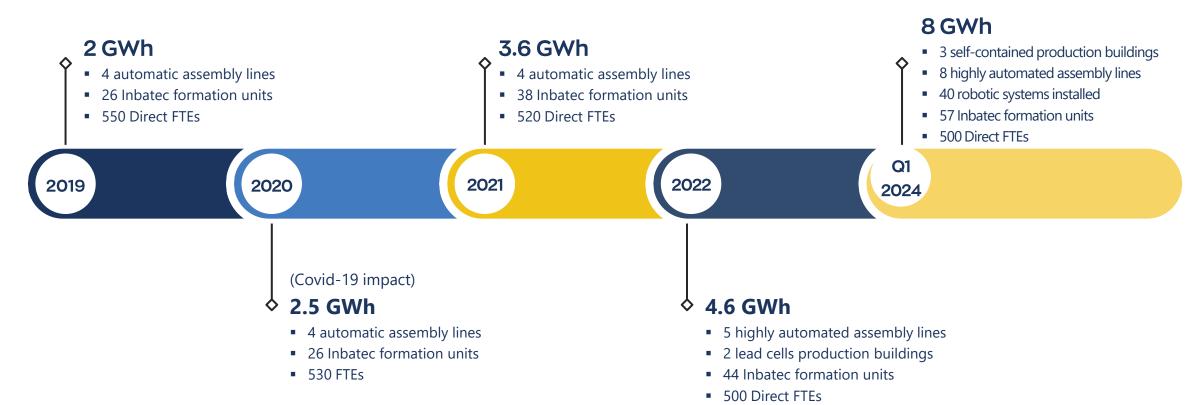
Flooded motive power Lead-acid products

Main drivers:

- ✓ Still a role to play in 1-1.5 (or even 3) shift applications, where charging capability not possible yet (grid restrictions)
- ✓ Flooded Lead motive power batteries have better cost per KWh than Lithium in low/medium density applications
- ✓ Clear focus, lower production cost, better utilization of assets
- ✓ Sunlight knows to how to manufacture these products (a) well and (b) at a phenomenal scale

Our Pb Production Evolution: 2019 to 2023

More than €100 mil investments in expansion of Lead production From 2.5 GWh/y in 2020 to 8 GWh by Q12024 Solely for flooded motive power products





Clear focus on Lithium technology

At Sunlight we're technology agnostic, currently focusing on **Lithium** LFP battery storage solutions:

- ✓ Major benefits for customer needs
- ✓ Sustainable and environment-friendly products

Bold decisions Elevated risk factor Heavy investments 5 GWh/a capacity of Lithium assembly







Lithium Motive Power

Sunlight Group is currently western world's largest provider of Lithium batteries for forklift applications

25% of the 2023 Sunlight revenue is expected to come from Lithium



Lithium Energy Storage

Conscious decision to not further invest in Lead reserve power, given superiority of other technologies in certain applications of interest for Sunlight

Investing, instead, €100 mil in a new Lithium ESS assembly plant, operative by mid-2025

15GWh/a capacity: High-and Medium-Voltage systems for

- ✓ Grid Scale
- √ C+I
- √ Home storage

Goal: Offer complete Lithium battery value chain

And contribute to energy transition and safety



R&D hubs in Europe >200 scientists



LFP cells
production-scale
Pilot Line in
Greece,
commissioned in
Q1 2024



LFP Gigafactory for HV ESS & industrial mobility cells 2027-2028 20 GWh



Assembly hubs



Verona, Italy

Glauchau & Freiberg Germany

N. Carolina & Texas USA



Innovative solutions to serve intralogistics and energy storage markets



Lead-acid products are 99% recyclable

Sunlight is investing significantly in recycling, with dedicated Lead Recycling plant in Komotini, NE Greece

Also launched ReLiFe, a Lithium Recycling project, in collaboration with consortium of partners







Commitment to a sustainable future



ENVIRONMENT

Produce energy solutions that will preserve our planet from climate change



ESG TARGETS

Share the Knowledge Lead the Change



SOCIETY

Create and promote an inclusive and safe workplace for our employees



