

# ESEMA: Redefining Energy Storage Solutions

The Energy Storage Equipment Manufacturing Alliance



**ESEMA**

Empowering Energy Storage with Excellence



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Presented by  
Sebastian

# What is ESEMA?



## Founding Members

- Sorfin Yoshimura
- Inbatec/Kustan
- MAC Engineering
- Digatron Power Electronics
- CMW Tec GMBH



## Overview

ESEMA is a collaboration of top-tier partners in the energy storage industry, leveraging decades of expertise in manufacturing, engineering, project execution, and supply chain solutions.



## Mission

Deliver innovative, cohesive, and cost-effective solutions to drive the next generation of energy storage systems.

# Founding Members & Their Expertise

ESEMA is powered by a coalition of industry-leading companies, each contributing specialized engineering capabilities to redefine energy storage solutions:



## Sorfin Yoshimura

- One-Stop Supply Chain solutions provider for Global Battery Manufacturing Community; specializing in Al materials, equipment, and technical services

## Inbatec/Kustan

- Battery Formation specialists, experts at the movement of caustic liquids including all EHS elements

## MAC Engineering

- Manufacturing solutions for plate making and assembly of batteries of all sizes, types. Automation and precision manufacturing options to match customer requirements

## Digatron Power Electronics

- Leaders in manufacturing of power electronics and software for battery testing and production

## CMW Tec GMBH

- Experts in engineering solutions for battery assembly and finishing lines

# Why ESEMA is Built to Succeed

## Increased Market Share

Unified capabilities allow ESEMA to win larger, high-value projects.

## Expanded Bandwidth

Leverage the collective strength of partners to deliver at scale.

## Turnkey Solutions

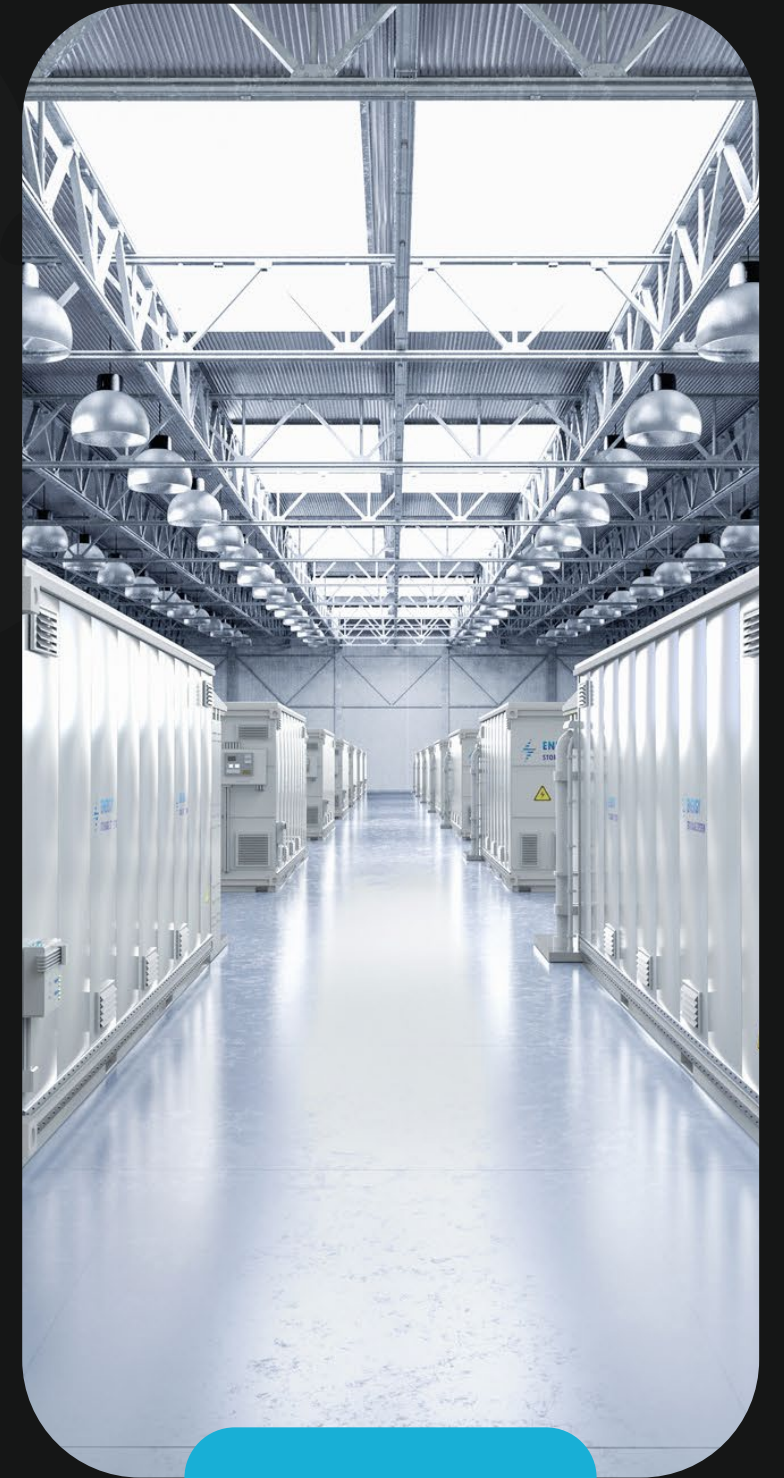
Integrated services minimize complexities for clients and reduce project timelines.

## Access to Incentives

Positioned to capitalize on U.S. energy storage initiatives and incentives.

## Competitive Edge

ESEMA transforms isolated expertise into a cohesive, market-leading alliance, tackling inefficiencies and advancing next-generation solutions.



# Value Proposition

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## Robust ROI Potential

- Access larger projects with higher margins.
  - Enter untapped markets with strategic alliances.
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## Synergistic Model

- Integrated expertise lowers costs and accelerates delivery.
  - Strengthens supply chain resilience.
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## Market Momentum

- Tap into the rapidly growing global energy storage market projected to reach \$77 billion by 2033, growing at a 15.8% CAGR from 2024 to 2033
  - Align with sustainability and energy transition trends.
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# Key Advantages



## Standardization

Reduce variability and optimize regional spare parts and services.



## Efficiency

Enable synchronized operations through mechanical, electrical, and digital linkage of equipment.



## Innovation

Prioritize R&D for next -gen assembly and real -time production line control.



## Teamwork

Share resources across the Alliance, including engineering and manufacturing capabilities.

# Value for Stakeholders

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## For Vendor Community

- Access and visibility to projects across all areas of energy storage
- Collaborative engineering environment



## For Battery Manufacturers:

- Access to cutting -edge, scalable solutions
- Cohesive Project execution.
- Customized engineering across several disciplines



## For the Market

- Accelerate adoption of U.S. energy storage incentives.
- Promote a sustainable and innovative ecosystem.



# Contact Info

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