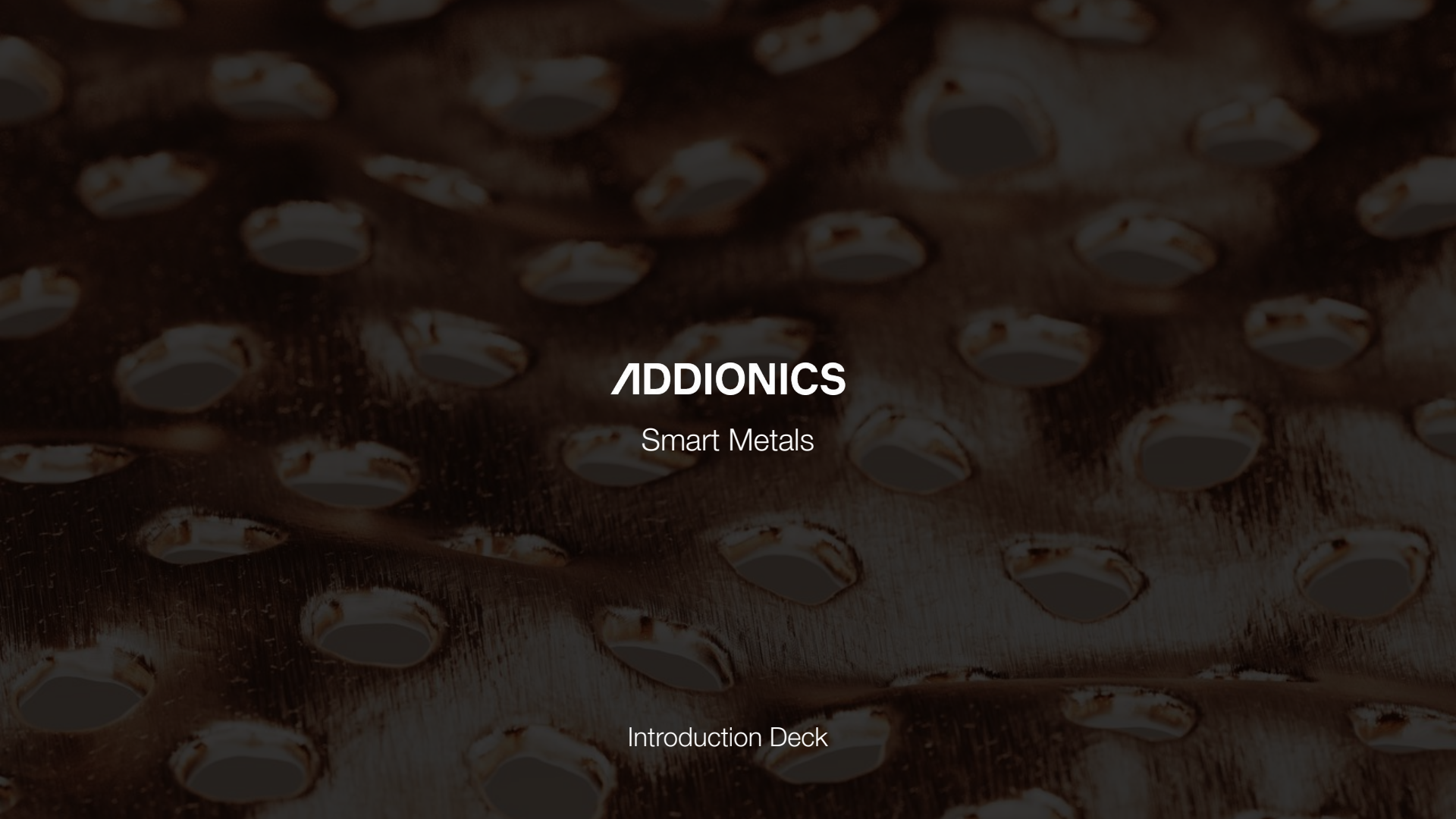




ADDIONICS

Smart Metals

Introduction Deck

The battery industry has been **seeking breakthrough** technologies for decades.

Leading players keep delivering only incremental improvements.

But the **world is evolving fast**: EVs, Defense, Space, Robotics, Energy Storage, AI, Data Centers.

In this era of **cost wars**, global leaders are reshoring production and prioritizing **energy security**.

Batteries power it all - but they're **not good enough**.

The world needs better batteries.

But everyone missed the one reason batteries haven't evolved.

ADDIONICS

We are replacing the industry's 40-year-old “dumb” metal foils with Smart Metal: **Porous 3D Current Collectors** that redefine cell design and deliver a **new era of performance and cost** - for any battery chemistry, in any format.

This is what we are doing.



Total funding

Established in
2018

\$ **80**mln

Patents

35
Applications

Team

>75

US

EU

UK

KR

Investors

SCANIA



MAGNA



Novelis



DEEP
INSIGHT

VARANA
CAPITAL

8090
INDUSTRIES

Customers

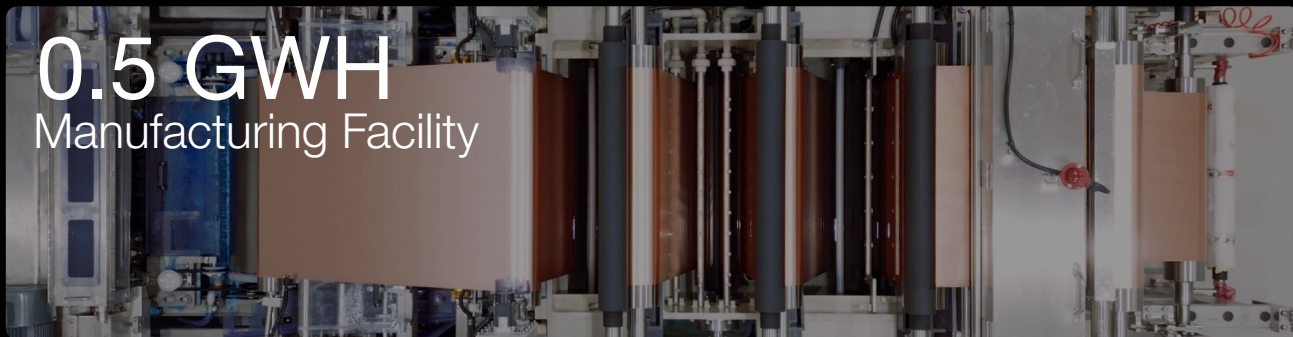
↗ Automotive OEMs

↗ Cell manufacturers

↗ Metal companies

↗ Machinery suppliers

0.5 GWH
Manufacturing Facility



Addionics Smart 3D Porous Current Collectors

A proprietary 3D porous copper and aluminum that enhances battery performance while reducing costs

↗ Cost-Effective

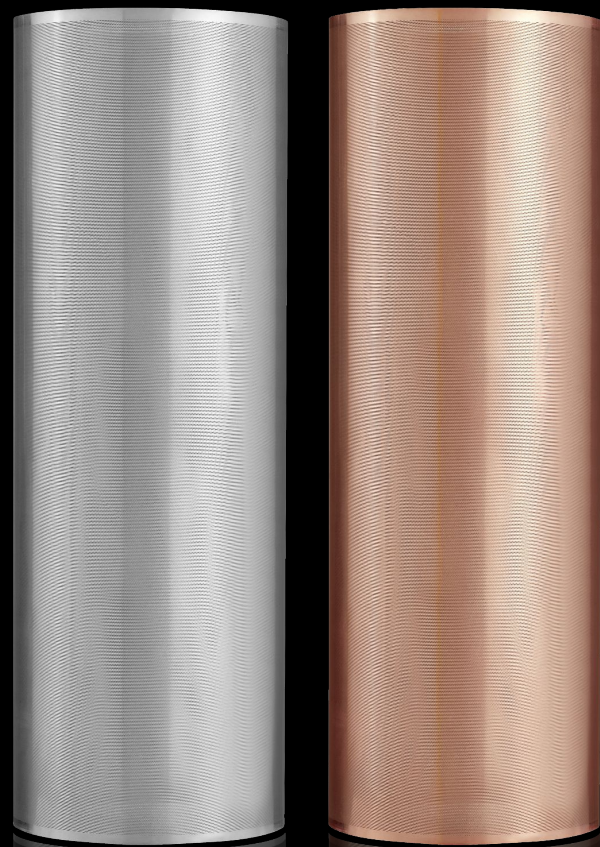
Savings of up to 10% per kWh on cell costs, enhancing overall efficiency

↗ Improved Performance

The 3D structure enhances mechanical stability
Enabling high energy density while maintaining cycle life

↗ Drop-In Solution

Integrates seamlessly into existing manufacturing lines, with high-volume production capabilities



ADDIONICS Smart Metals

World leader in connecting current collector design with enhanced battery cell performance.

Cost Effective

Enabling 10% cost reduction through faster drying, shorter electrolyte filling time

High Performance

60% longer lifetime and 12% higher energy density through improved structure, resistance, and adhesion

More GWh | Less Cost

Transforming gigafactory economics through higher throughput and massive savings in CapEx and OpEx

Drop-In Solution

Seamless integration into any existing gigafactory manufacturing process - for any cell size or format

Chemistry Agnostic

Enabling improvement to any kind of battery chemistry, existing or emerging

Environmentally Friendly

Reduces embodied emissions in manufacturing and improves vehicle efficiency



Scalable, Cost-effective Manufacturing

High-Capacity Production

We leverage commodity-based, existing manufacturing processes to become the first company to successfully develop a highly **scalable and cost-effective production method for 3D Current Collectors** in copper and aluminum.

Today, we produce 0.5 GWh worth of 3D Current Collectors annually, supplying the growing demand from leading global companies.



Fully Integrated Commercial Process

↗ 100% Integration

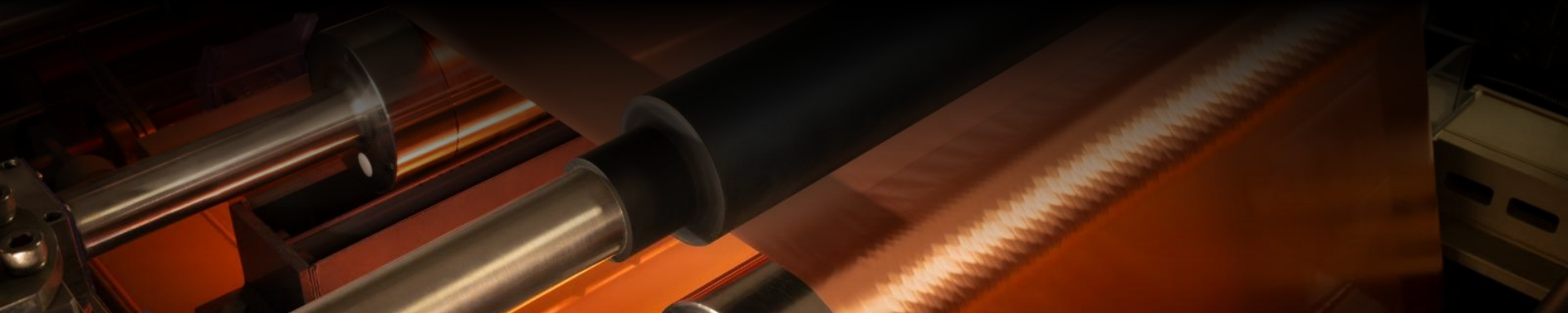
On clients side
manufacturing facility

↗ Seamless roll to roll
process

With no bleedthrough or
defects

↗ Achieved industry
standards

Across key cell assembly
processes



Markets Beyond EVs



Cell Manufacturers

Partnering with leading cell makers to integrate next-gen “Addionics Inside” designs.

Seamless compatibility with copper and aluminum anodes and cathodes.



Defense

Advancing collaboration with a leading defense fund and design partner.

Developing high-performance drone batteries with fast discharge, low weight, and high energy density.



Aerospace

Collaborating with a major space company.

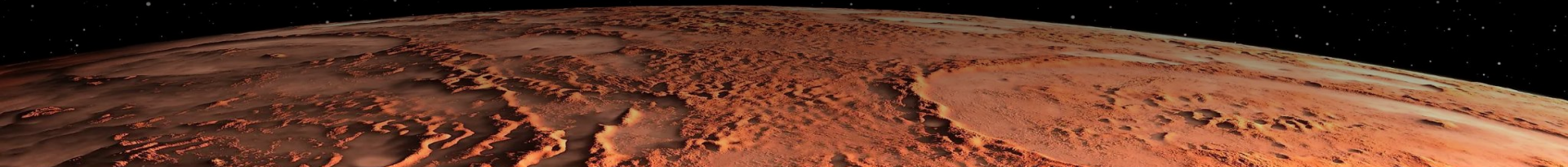
Program launch in October 2025, large-scale testing in Q1 2026.



BESS

Enabling high-efficiency energy storage for grids and hyperscale data centers.

Improving cycle life, thermal stability, and cost per kWh for large-scale BESS applications.



Our Mission

Enhancing every battery

Across all chemistries,
formats, processes,
and manufacturing lines

Accelerating adoption
of any coating process

Unlocking cheaper and
more efficient battery
production

Driving electrification
forward

Supporting the global
effort toward
decarbonization

Thank You.