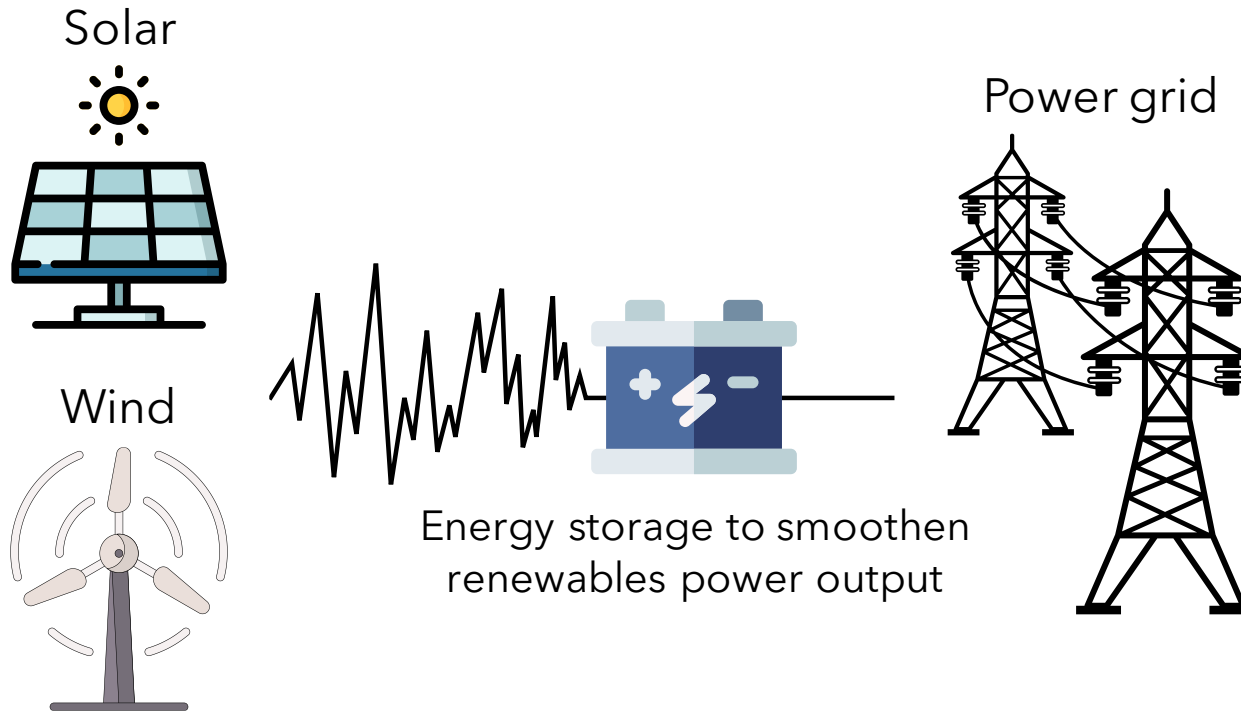# ENERPOLY

**Revolutionary Battery Technologies
For a Sustainable World**

A World Challenge
Provide Sustainable Energy on a Global Scale

Renewable Energy Needs Energy Storage

Solar

Wind

Energy storage to smoothen renewables power output

Power grid

Today's Technologies

Too expensive

Wired, 2018

Too dangerous

NFPA, 2016

Too harmful for the environment

GoEnergy, 2017

Our Solution
Affordable, Safe, and Sustainable for Everyone

Affordable:
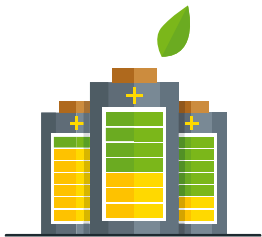At least 50% less expensive
than competing technologies

Safe and Environmentally Friendly:
Non-toxic and recyclable
with existing infrastructure

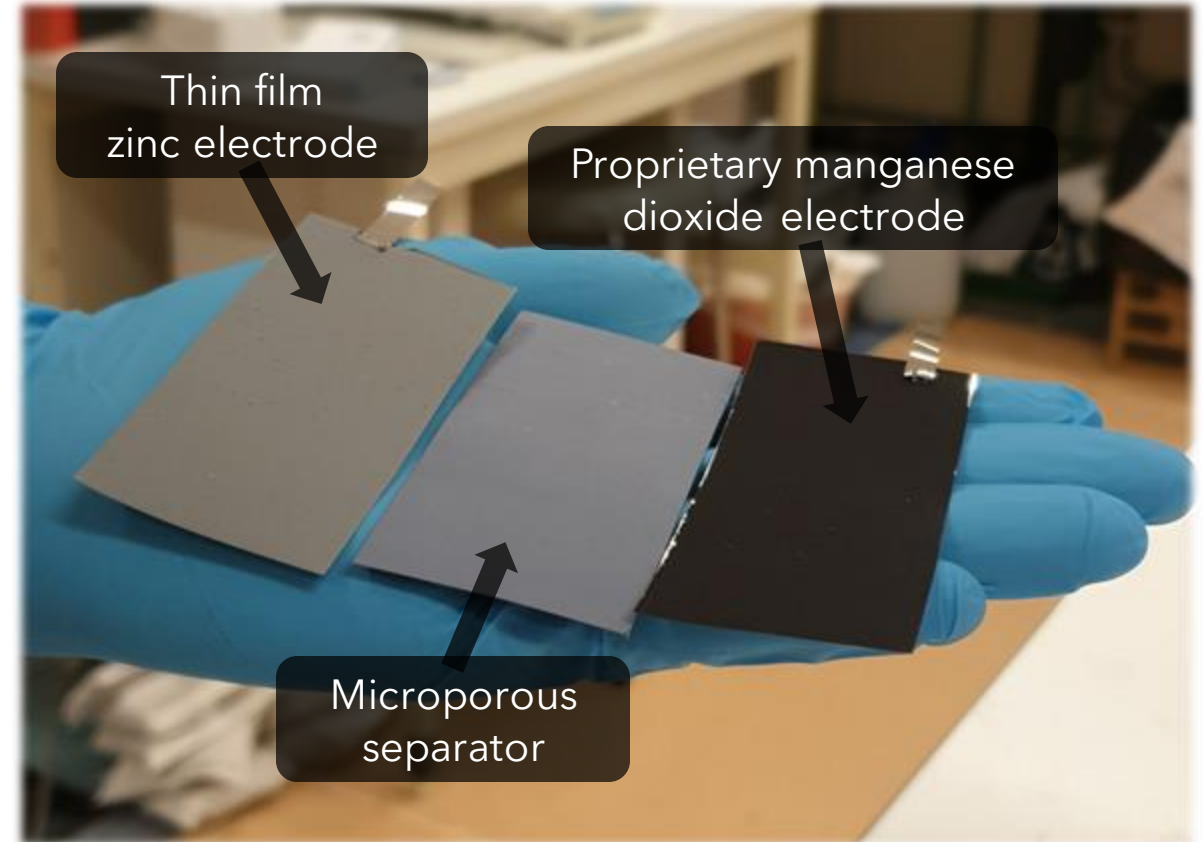**Globally Available:**
Materials that are available
throughout the Earth

Rechargeable Zinc-ion
Batteries with high efficiency
for more than 2000 cycles

Thin film zinc electrode

Proprietary manganese dioxide electrode

Microporous separator

Our History
Product, Team and Funding

2017
Breakthrough

2018
Founded

2019
Proof of Concept

2020
Funded

- Research Breakthrough
- Secured Research Partnership

Höganäs

- Founded Enerpoly AB
- Secured Vinnova Funding
- Lab-scale Testing at Partners

VINNOVA
Sweden's Innovation Agency

- Testing and Prototyping at Partners
- Filed Patent
- Secured Industrial Partnership

Incell

- Secured EU Funding
- Secured Swedish Energy Agency Funding
- Expanding the Team
- Joined Sting's Deep-tech Incubator Program

Swedish Energy Agency

European Commission
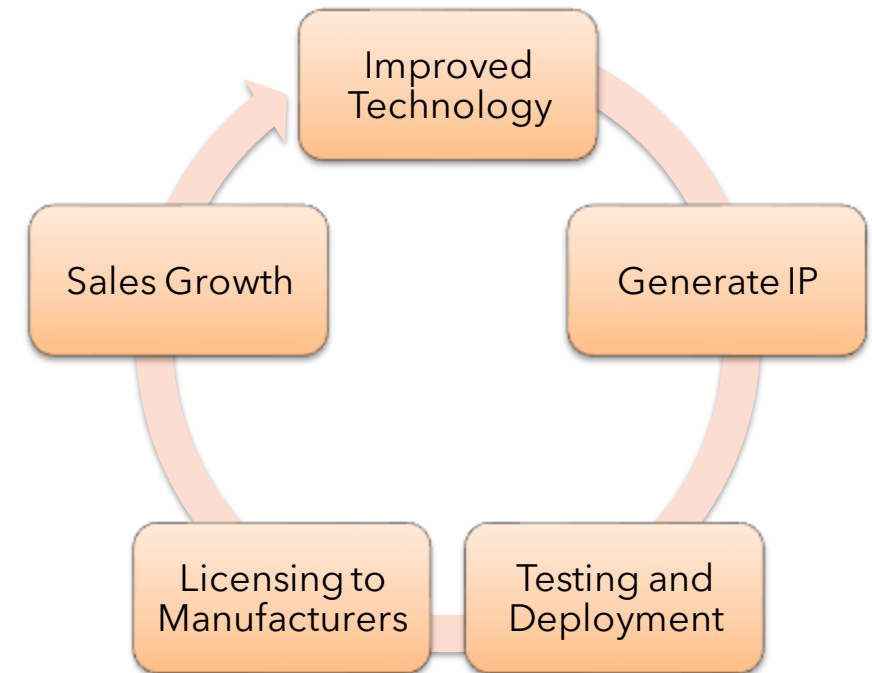
Sting

Business Model
Licensing – Accelerated Time to Market

LICENSING **+** **ENGINEERING SERVICES**

- ✓ Fixed licensing fee
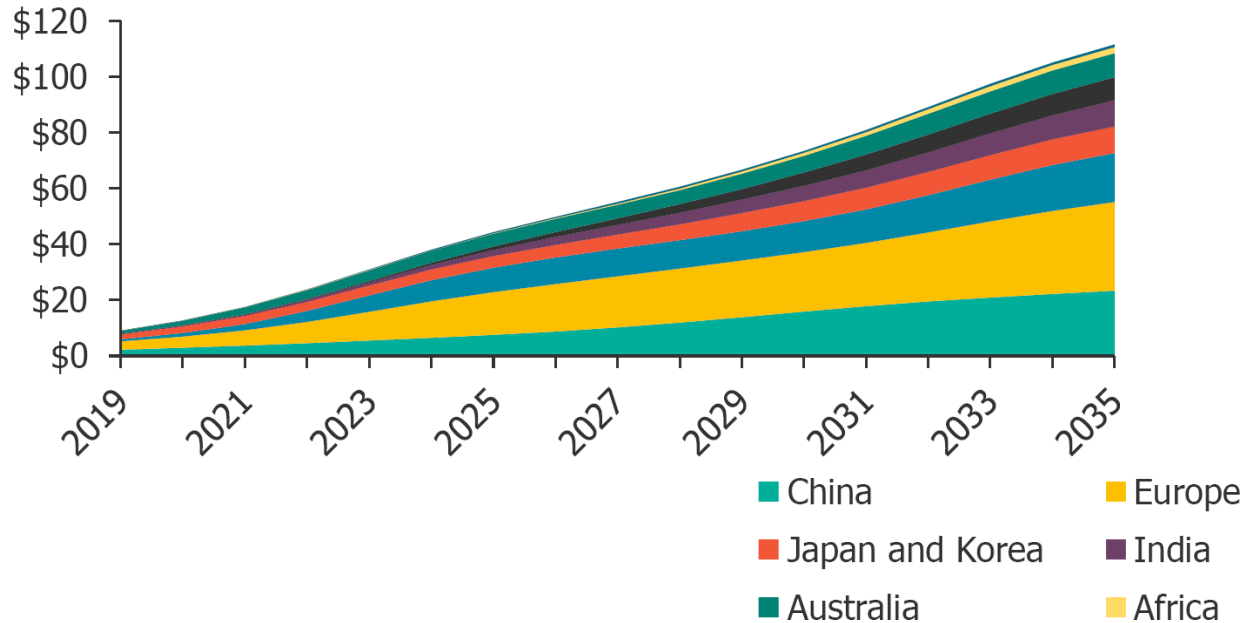- ✓ Volume-based royalties

- ✓ Deployment
- ✓ Customizations

Improved Technology

Generate IP

Testing and Deployment

Licensing to Manufacturers

Sales Growth

Market Opportunity
The Stationary Energy Storage Market is Growing Fast

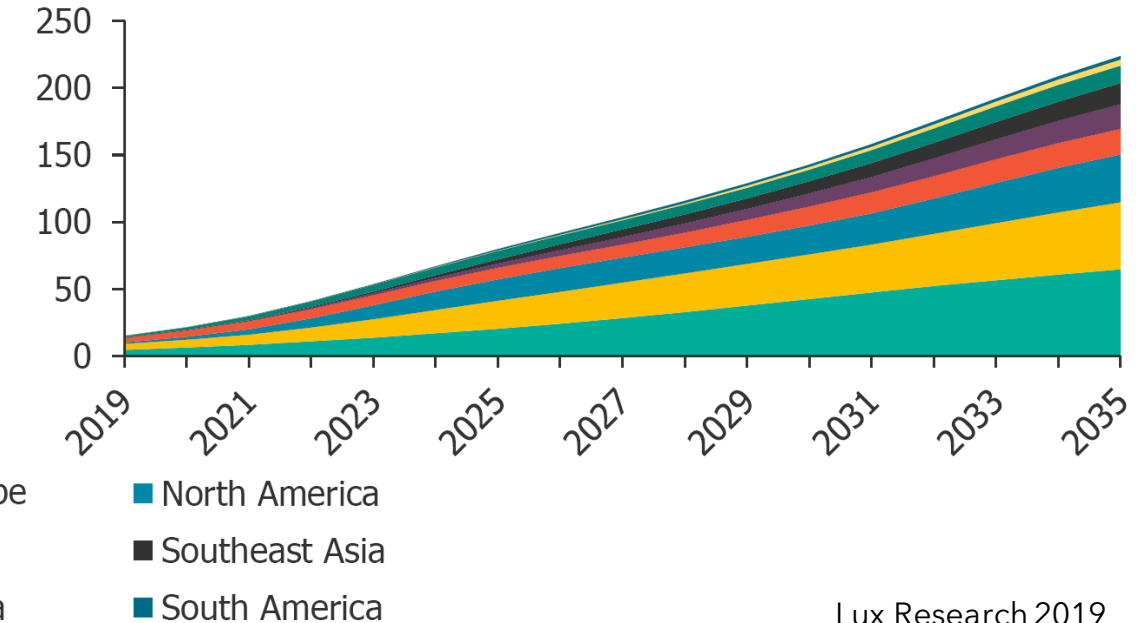|		
Market size, **2019**	€9.1 Billion	15.2 GWh
Market size, **2035**	€111.8 Billion	222.7 GWh
CAGR	17.0%	18.3%

Market Share and Market Impact in 2025:
€7.4 Million or 0.02% of SAM (~€41 Billion)
1.2 GWh or 6.32% of Installed Capacity

Global stationary storage market forecasts

Energy storage annual revenue ($ billions)
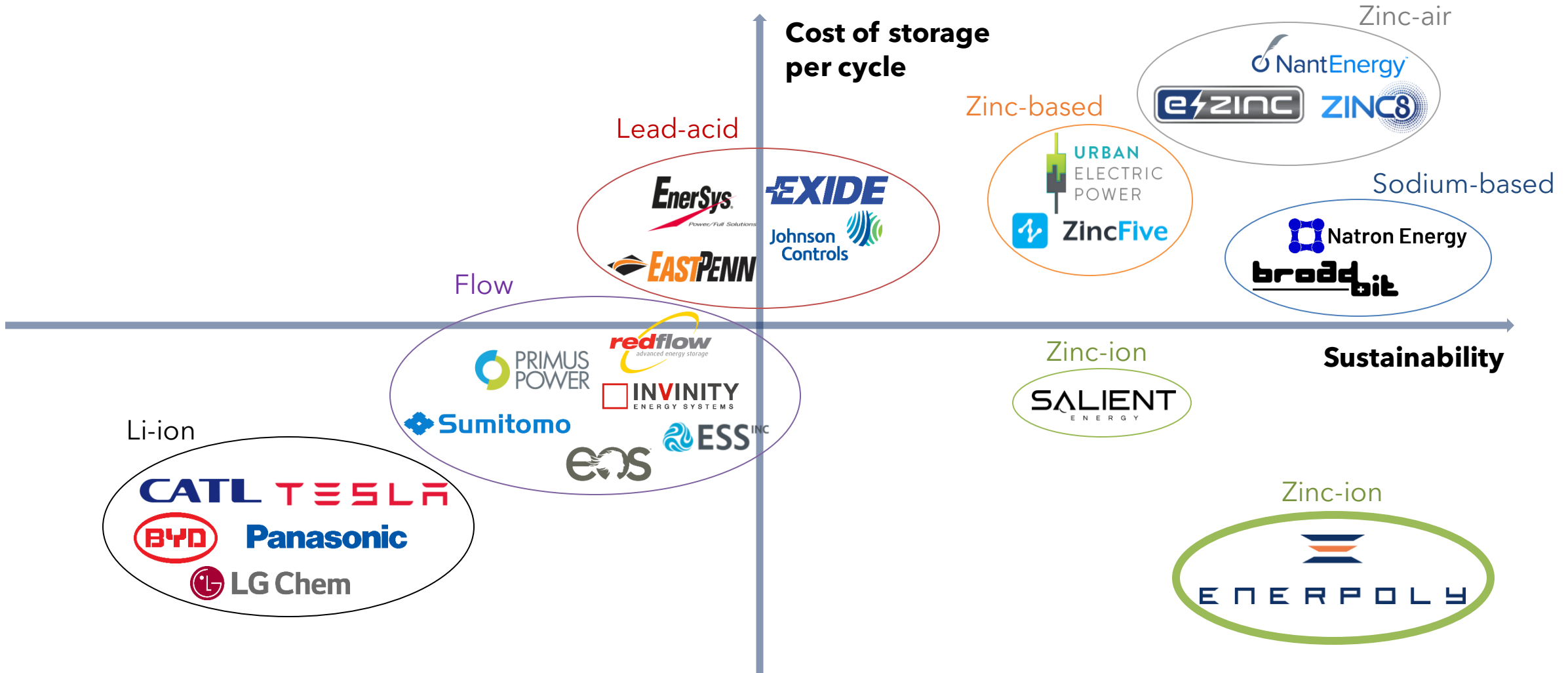
Annual installed energy capacity (GWh)

Legend: China, Europe, North America, Japan and Korea, India, Southeast Asia, Australia, Africa, South America

Lux Research 2019

Our Next Phase
Fundraising and Execution Plan

2020 Soft Funding
€ 2 Million

Looking for Co-funding
€ 1.5 – 3 Million

Seeking Investor Profiles
Energy, Clean Tech,
Sustainability, Renwables

2020
Refining

2021
Demonstration

2022
Marketability

2023
Commercial

Team
Now Hiring – Grow to 10 in 12 months

CEO
Eloisa de Castro

10 years leadership in
energy and sustainability

CTO
Dr. Mylad Chamoun

Named Top Ten Innovators in
Sweden, 2020 by ÅForsk

CINO
Dr. Samer Nameer

PhD in Chemical Engineering

Advisory board

Magnus Rehn

Pär Hedberg

Stefan Jansson

Fredrik Billing

Dag Noréus

Gunder Karlsson

Make Sustainable Energy Available for Everyone