

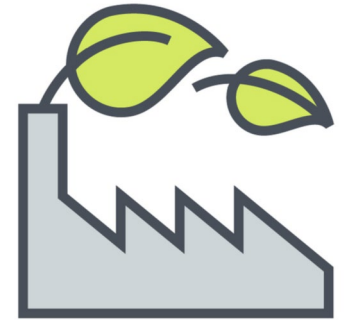
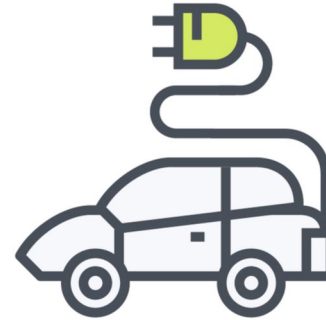


This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101009255.





# ENERGY STORAGE IS NOT AFFORDABLE ENOUGH



**Residential scale**  
**1 - 20 kW**

**Commercial scale**  
**20 - 100 kW**

**Industrial scale**  
**> 100 kW**

**CAPEX (full system)**

600 - 800 €/kWh

400 - 600 €/kWh

300 - 500 €/kWh

**Expected lifetime**

8 - 10 years

8 - 15 years

10 - 20 years

**Breakeven time**

10 - 15 years

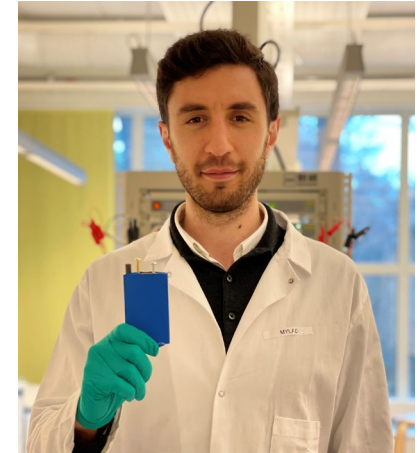
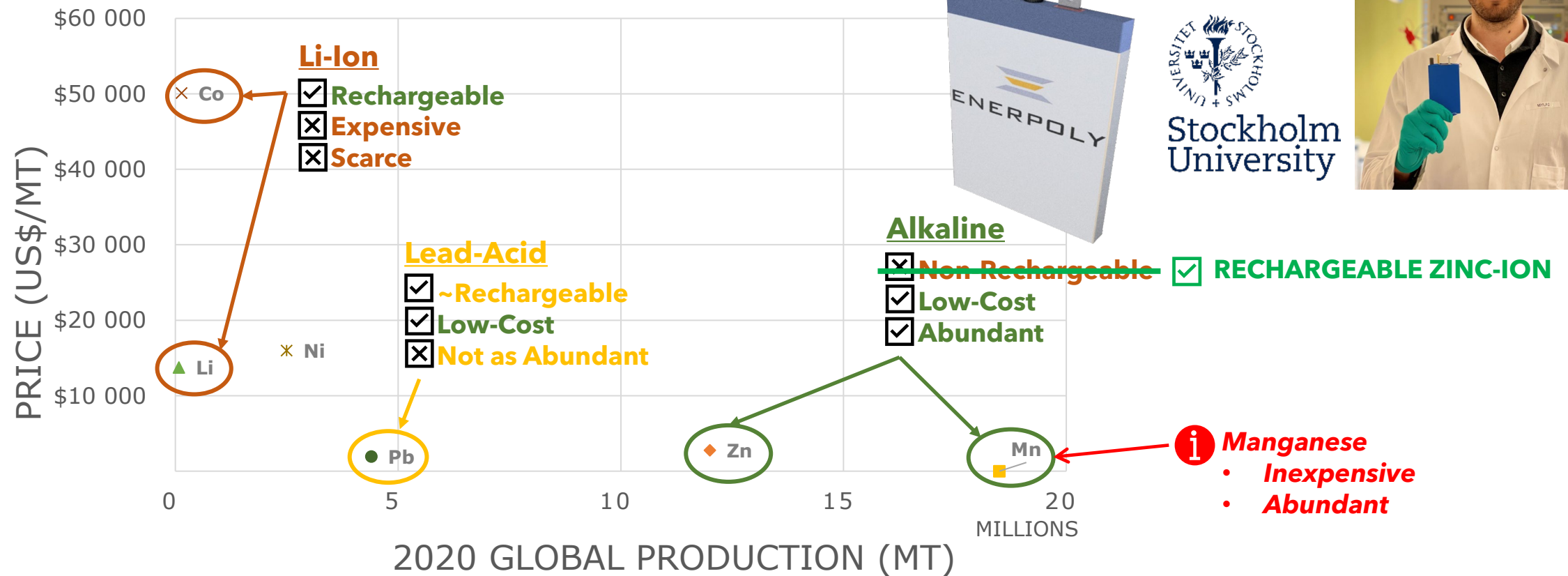
10 - 12 years

8 - 12 years



# RECHARGEABLE BATTERIES NEED AFFORDABLE MATERIALS

## BATTERY RAW MATERIALS: PRICES VS GLOBAL PRODUCTION





# ENERPOLY ZINC-ION TOTAL ADDRESSABLE MARKET: More than \$20B today and growing 17% annually to become greater than \$100B market by 2030



**Home & Building**  
5-100kWh



**EV Charging Infrastructure**  
200-300kWh



**Utility**  
1MWh+



**Datacenter Backup**  
1MWh+



**Industrial Motive**  
30-100kWh

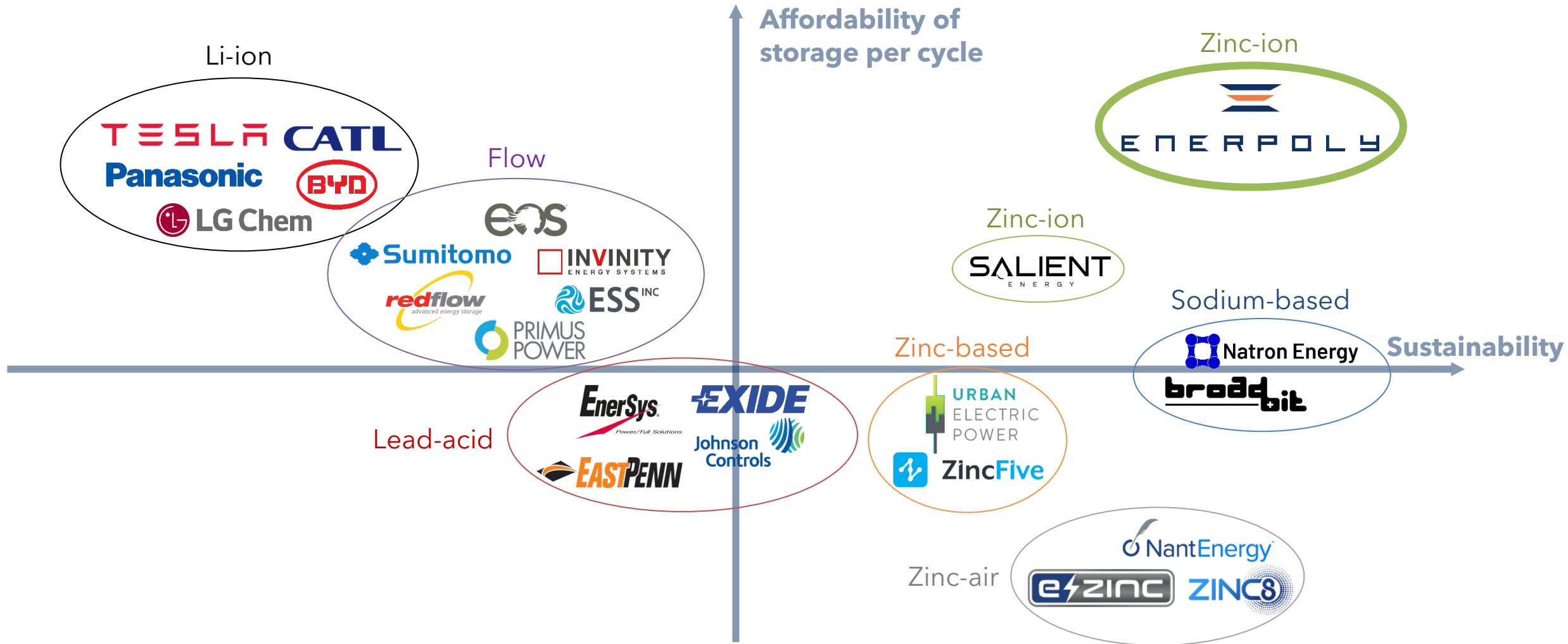
↑  
**i Gamechanging**  
**\$5.4B in 2020**  
**\$57.1B in 2030**  
**27% CAGR**

**Applicable established markets**  
**Entry after 2023**





# TARGET MARKETS REQUIRE AFFORDABILITY AND SUSTAINABILITY





# 10 FULL-TIME EMPLOYEES, ALL BASED IN STOCKHOLM



**Eloisa de Castro**  
CEO

*Wholesale Power Markets,  
Renewable Energy Systems*



**Dr. Mylad Chamoun**  
Co-Founder & CTO

*Battery Technology and  
Energy Storage Performance*



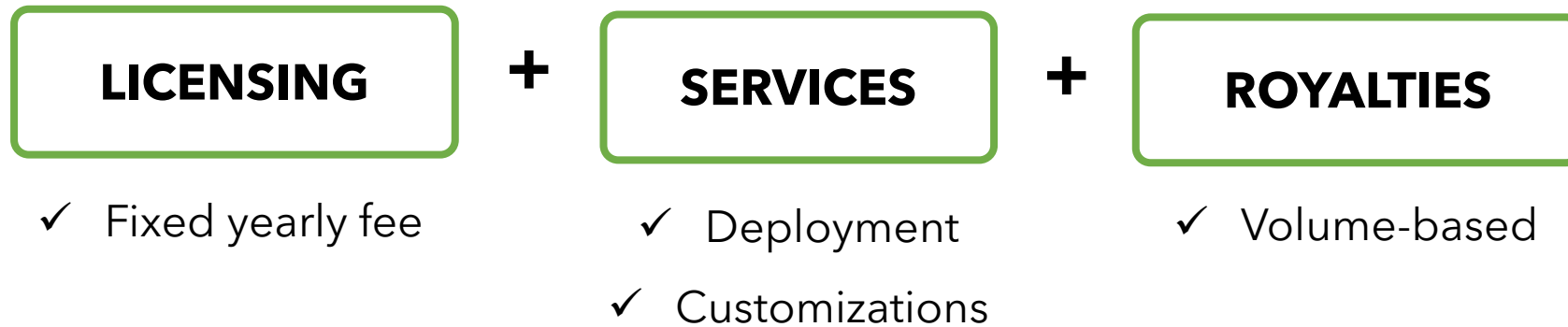
**Dr. Samer Nameer**  
Co-Founder & CINO

*Sustainable Materials and  
Coating Technology*



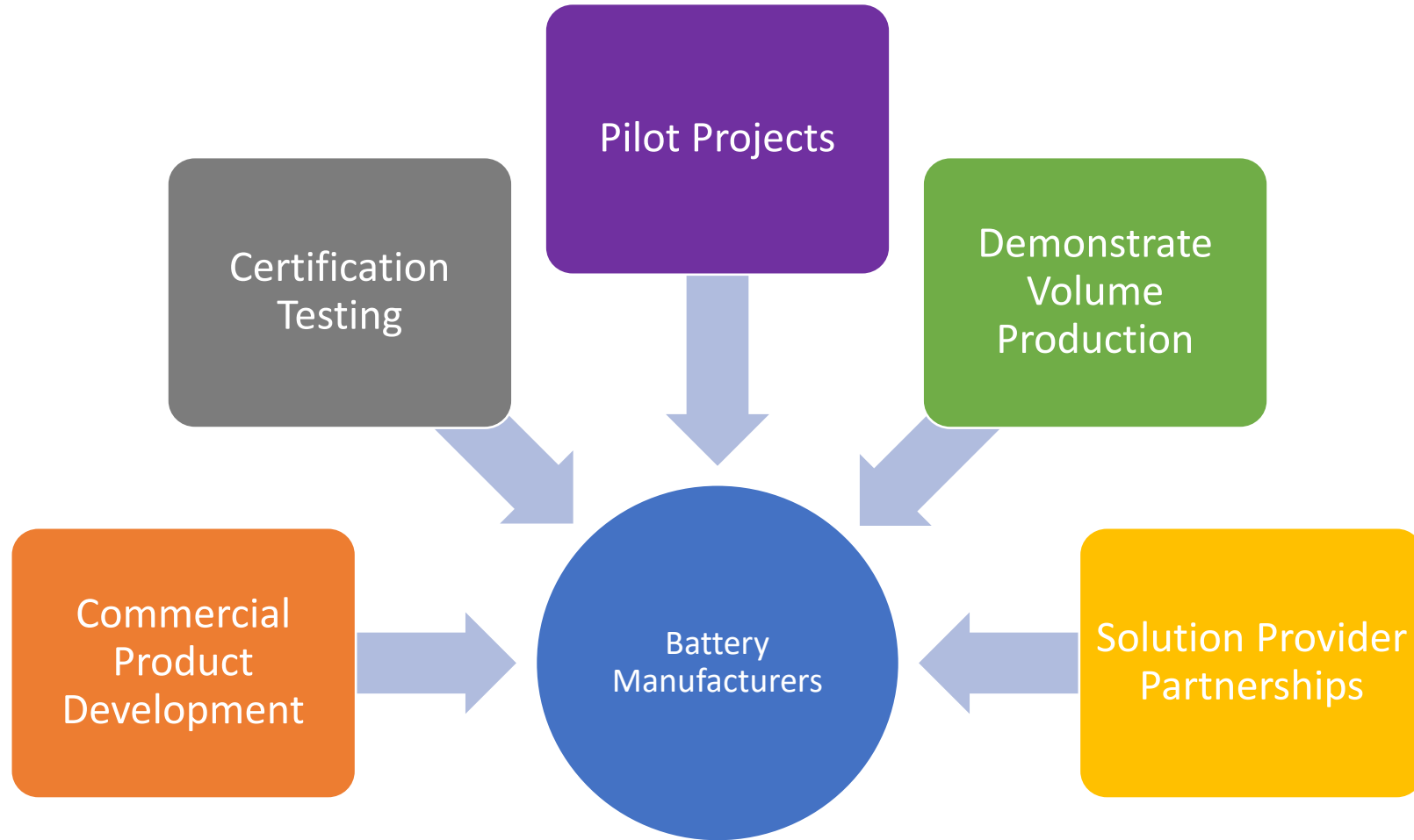


# IP LICENSING BUSINESS MODEL & REVENUE SOURCES





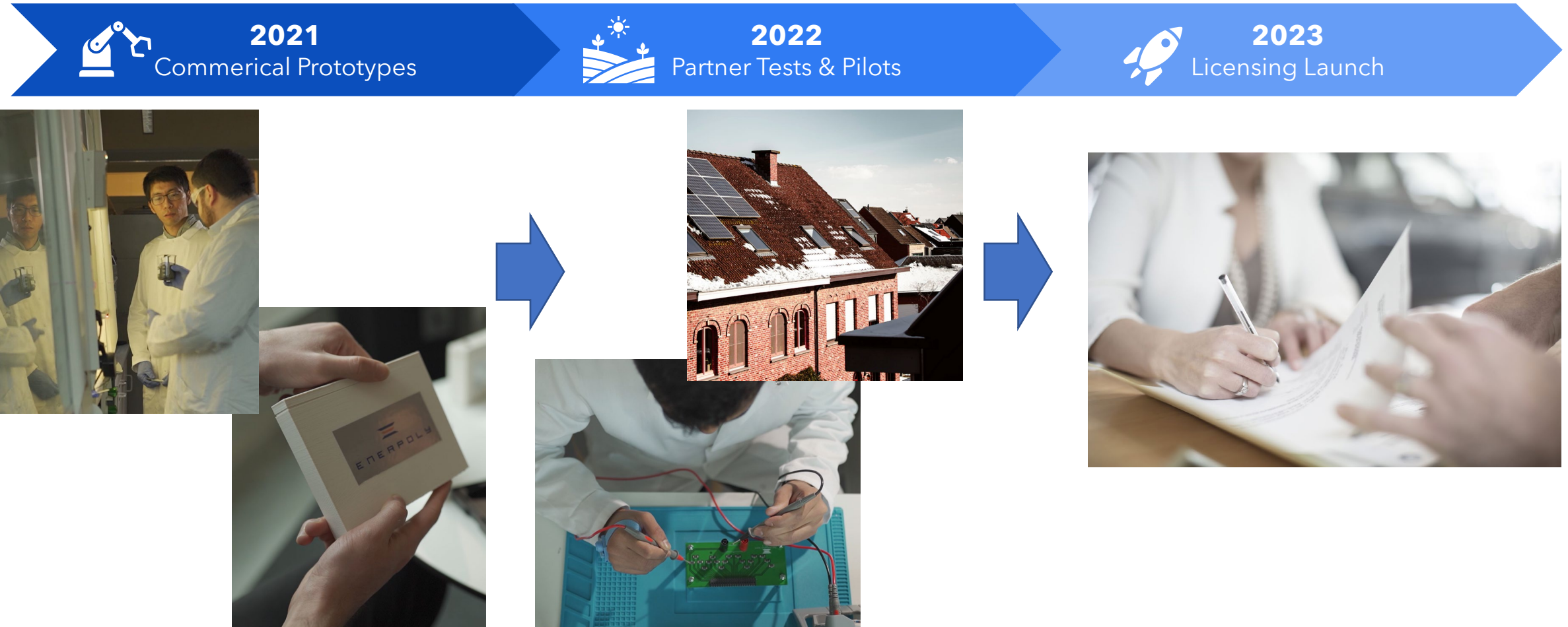
# GO-TO-MARKET







## NEXT STEPS: Path to launching IP licensing business, next fundraise 2022



***Innovation in abundant, sustainable materials  
for breakthrough affordability in energy storage***

ENERPOLY

A stylized illustration of a sustainable energy landscape. In the background, there are large, rounded mountains in shades of light blue and teal. A bright yellow sun is visible in the upper right corner. In the middle ground, three white wind turbines stand on a green hill. To the left, there are three solar panels and a small white car with a blue lightning bolt on its side. The foreground features a winding white path through green grass and some grey rocks. The word "ENERPOLY" is written in a bold, blue, sans-serif font across the center of the image.