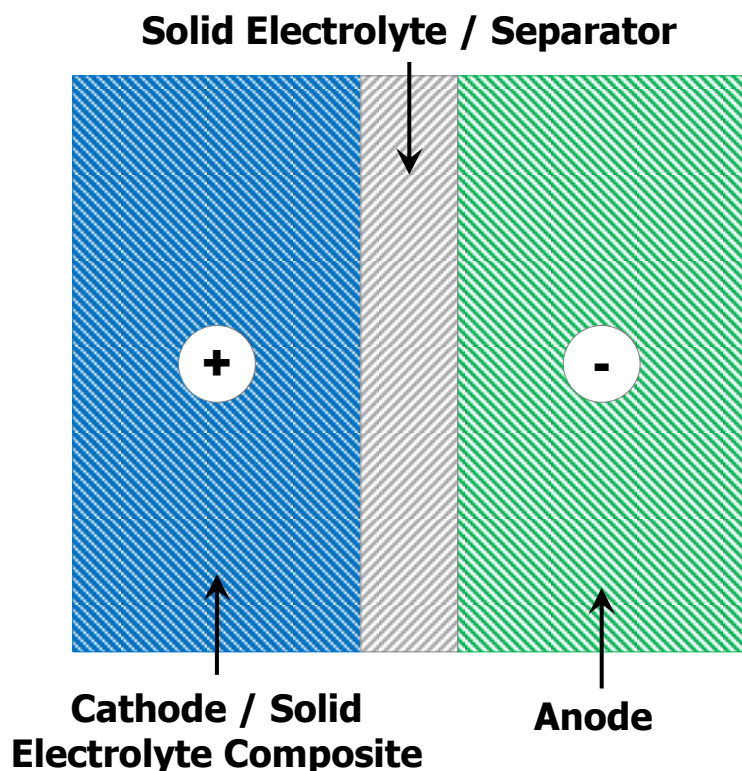


# Custom Produced Solid Electrolytes

**NEI can custom produce  
solid electrolyte materials of your choice:**



## **Oxides:**

- LATP
- LLTO
- LLZO
- LSBO
- LSPO
- LNBO

## **Sulfides:**

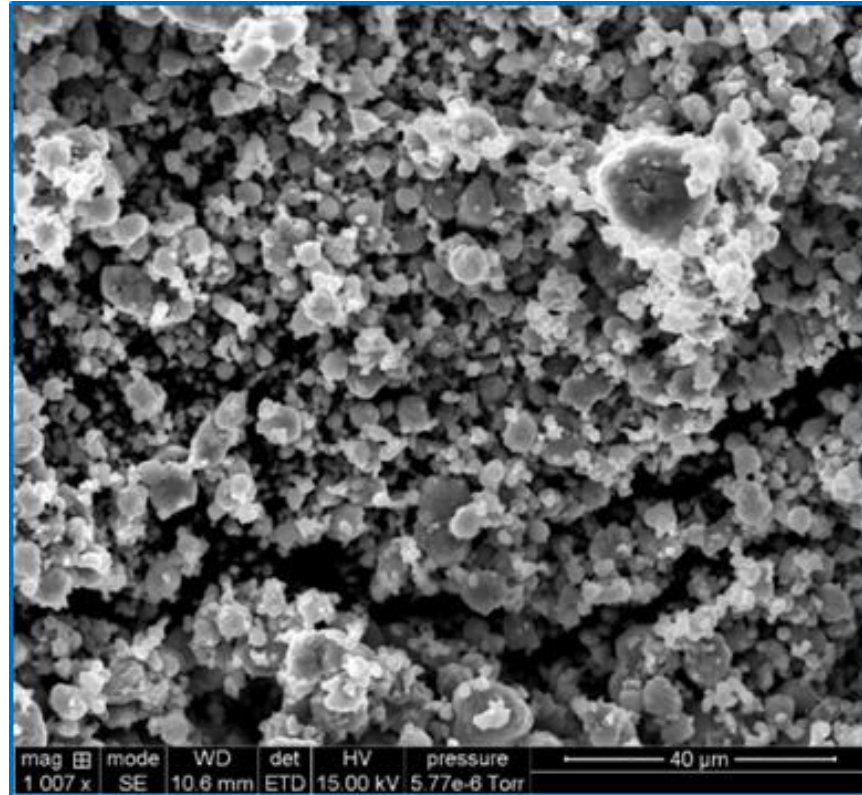
- LSPS
- $\text{Li}_2\text{S}:\text{P}_2\text{S}_5$
- LPS

## **Oxy-Sulfides & Halides:**

- $\text{LiSiO} - \text{Li}_2\text{S}$
- $\text{LiPSCl}$

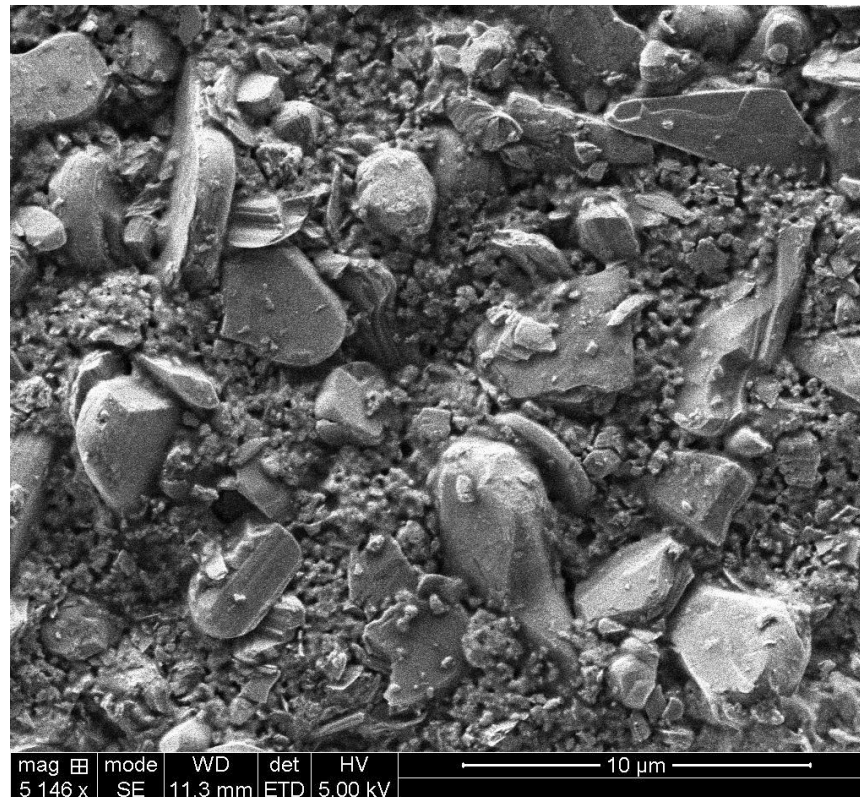


# Ultrafine Solid Electrolyte Particles



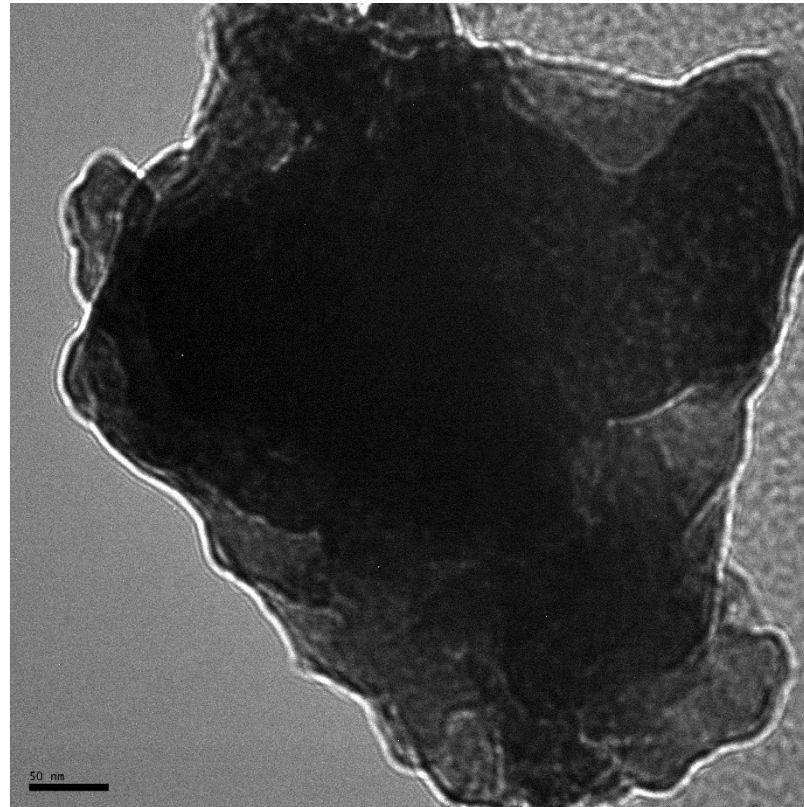
**Primary particle size as low as 100 – 200 nm**

# Customized **Cathode** – **Solid Electrolyte** Composite Morphology



**Cathode Particle Embedded in Smaller Solid Electrolyte Particles**

# Conformal **Solid Electrolyte Film** on Cathode Particle



**Cathode Material Particle with Solid Electrolyte Coating**



# Post Process Solid Electrolyte and Composite Powder into a Slurry and Tape

