

Company



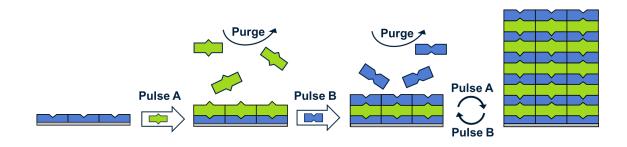
https://www.prnewswire.com/news-releases/forge-nano-and-ald-nanosolutions-combine-forces-making-atomic-level-manufacturing-a-reality-301000118.html

Technology

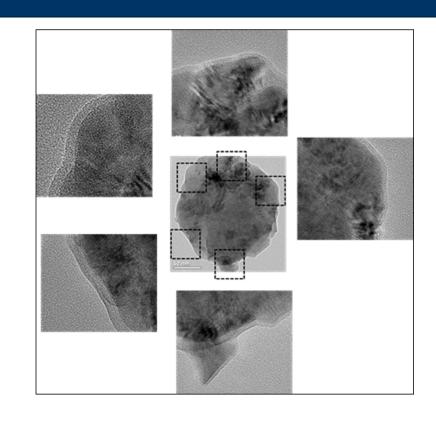


Atomic Layer Deposition

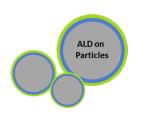
ALD for anything, not just semi-conductor Coatings that are conformal and uniform Coating thickness typically 0.1nm-100nm Nearly any chemistry can be deposited

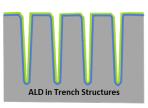


End-to-End Material Solutions Provider
R&D Services (fee for service)
Toll-Coating (milligrams to kilotons)
Equipment Sales (Lab to Commercial-Scale)









Application Space for ALD



Energy Storage

LIB, Beyond Li, Capacitors, Materials

Space

Multi-faceted, Cross-cutting

Textiles

Anti-microbial, Special Properties

Cosmetics

Processing, Performance

Structural

Composites, Building, Glass

Catalysts

Emissions, Chemicals, Fuel Cells

> formability Hammability Wettability

Fillers

Thermal, Optical, Electrical, Mechanical

functionality resistivity

Powder Forming

3D Printing, Powder Metallurgy, Ceramics

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Separations

Adsorbents, Membranes

Barrier Coatings

Corrosion, Anti-fouling, Wettability

Pigments

Paint, Dispersion, Optical Properties

Power Gen

Solar

Pharma

Controlled Release, Processing

Medical Devices

Biocompatibility, Energy Storage

Lubricants

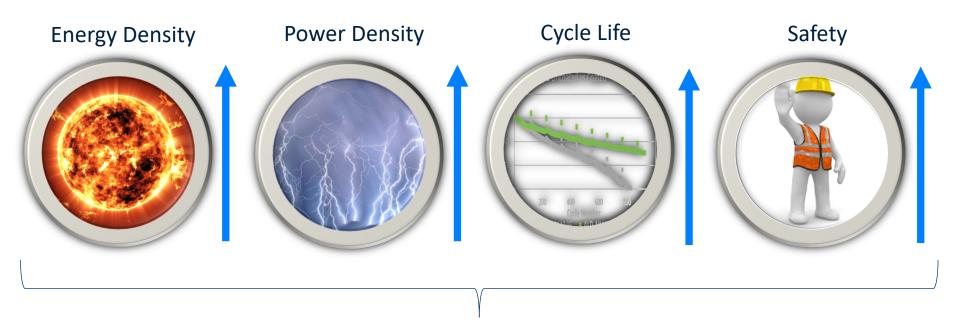
Tribology, Rheology, Dry & Wet Lubricants

Displays

LCD, OLED, QLED

Energy Storage







Old News (Data Available upon request)

- Li-ion, beyond Li-ion, Na, Zn, Pb, ect...
- NMC, NCA, LMNO, LCO, LMO, Sulfur
- Solid electrolytes, separators
- Graphite, Si, composites, Li-metal
- Conductive additives, cases, components

Update



Corporate Activity



Coming soon

Coming soon





ALD nanosolutions

Commercially Ready Products





Lab-scale: ~1 mg to 1 kg







PicoShield® LCO
PicoShield® Natural Graphite

Thank you!





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