

Summary and Future Plans



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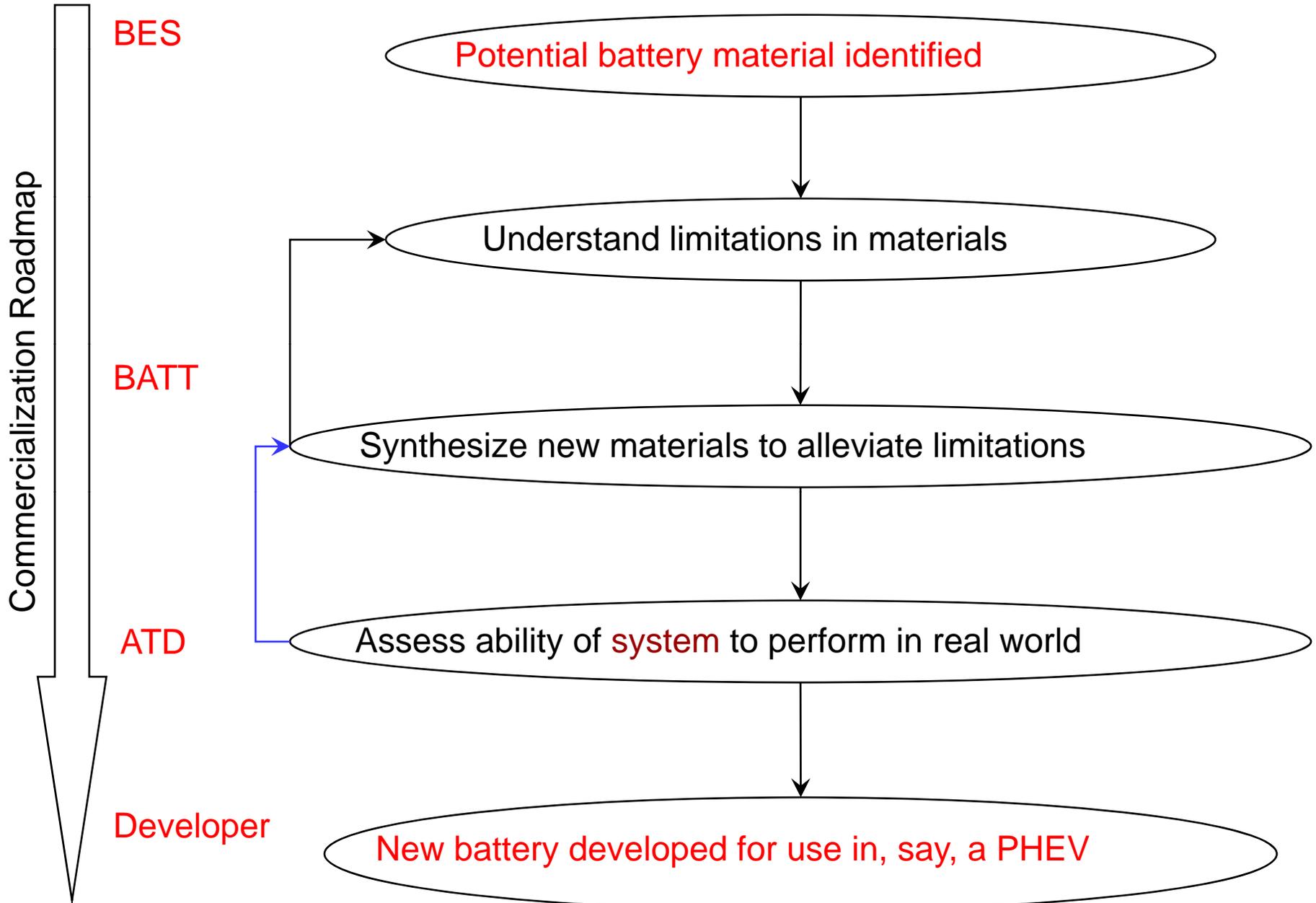
Lawrence Berkeley National Laboratory

February 28, 2008

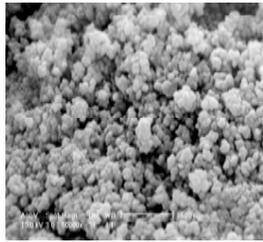
OVT Merit Review

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BATT Program's Role

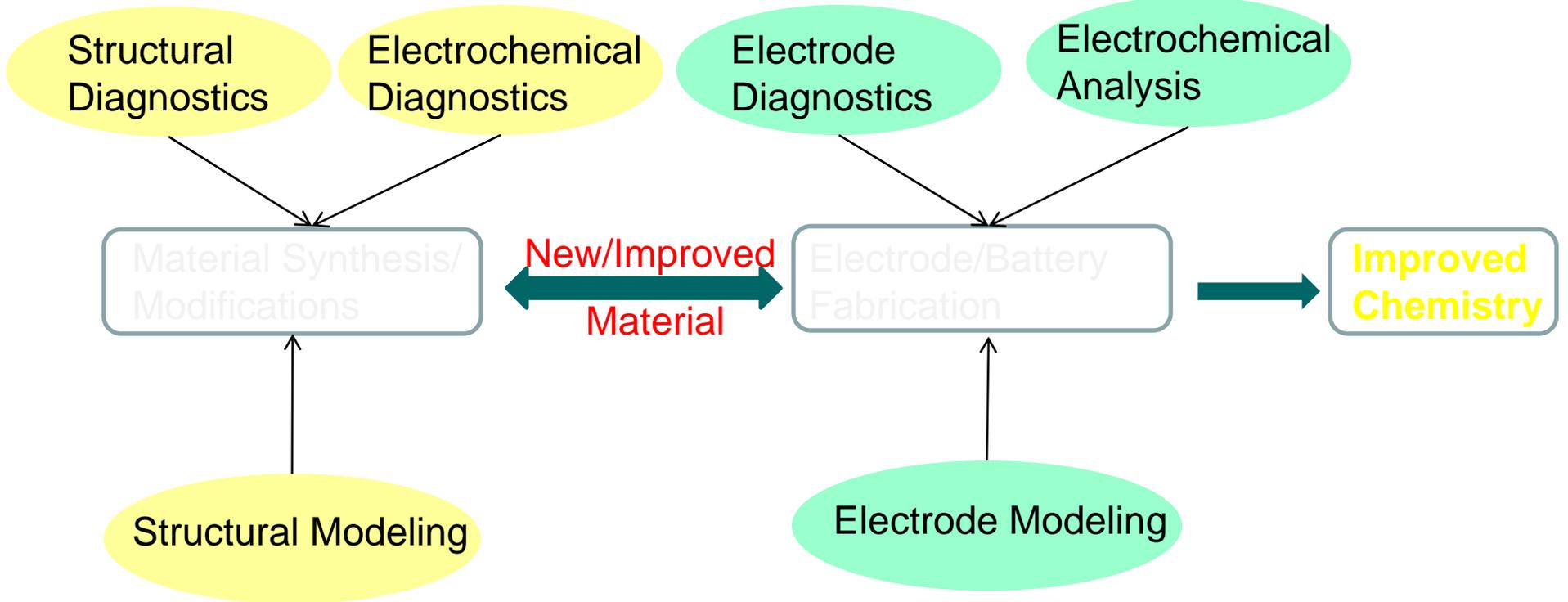
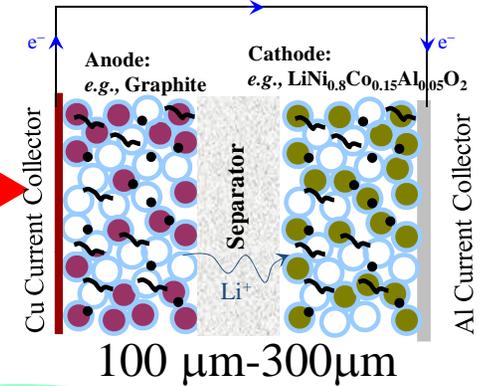


Material Synthesis, Diagnostics, and Modeling Across Length Scales

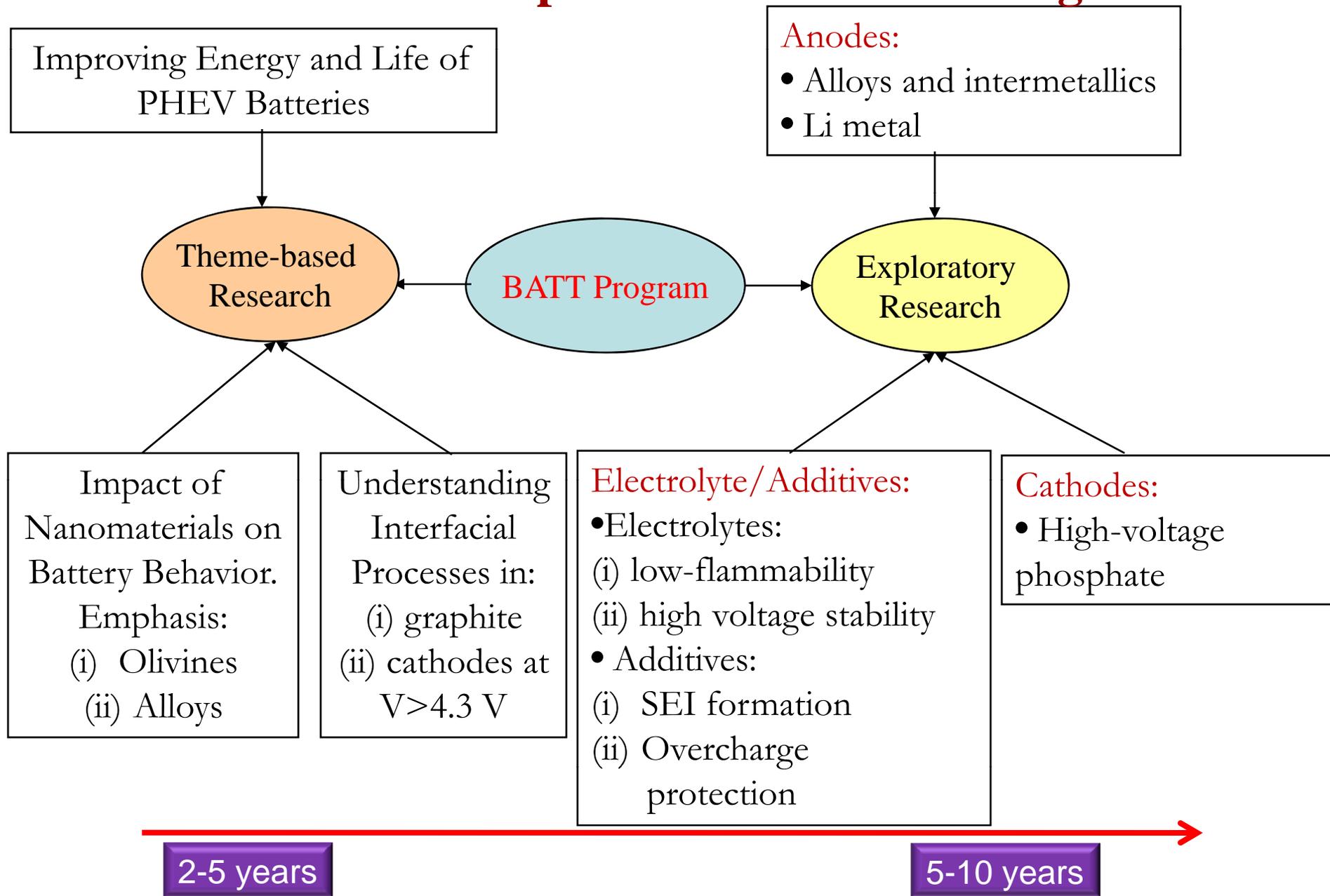


10 nm-10 μm

Length Scales



Present Emphasis of the BATT Program



Request for Proposals (RFP)

- BATT has issued a RFP in the area of “**Synthesis and Characterization of Novel Electrolytes and Additives for Use in High-energy Lithium-ion Batteries**”
- Emphasis on:
 - Electrolytes: High voltage, low cost, high flammability, high stability
 - Additives: Stable film (SEI) forming, overcharge protection
- 43 responses were received to a request for a white-paper (from various Universities, National Labs, and companies)
- All proposals were reviewed by a panel of experts on Li-ion batteries
- 21 whitepapers were approved by the panel have been asked to submit a final proposal
- All 21 will be subjected to an independent review process
- We anticipate 2-3 new subcontracts to be placed in Summer 2008

BATT is always looking for new ideas that advance the mission of DOE/BATT.

See <http://berc.lbl.gov/BATT/BATT.html> for details on how to submit a proposal.

Acknowledgements

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 - Especially Frank McLarnon, Vince Battaglia, and John Newman
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For additional information see <http://berc.lbl.gov/BATT/BATT.html>