



Item 14: Smartville, Inc.

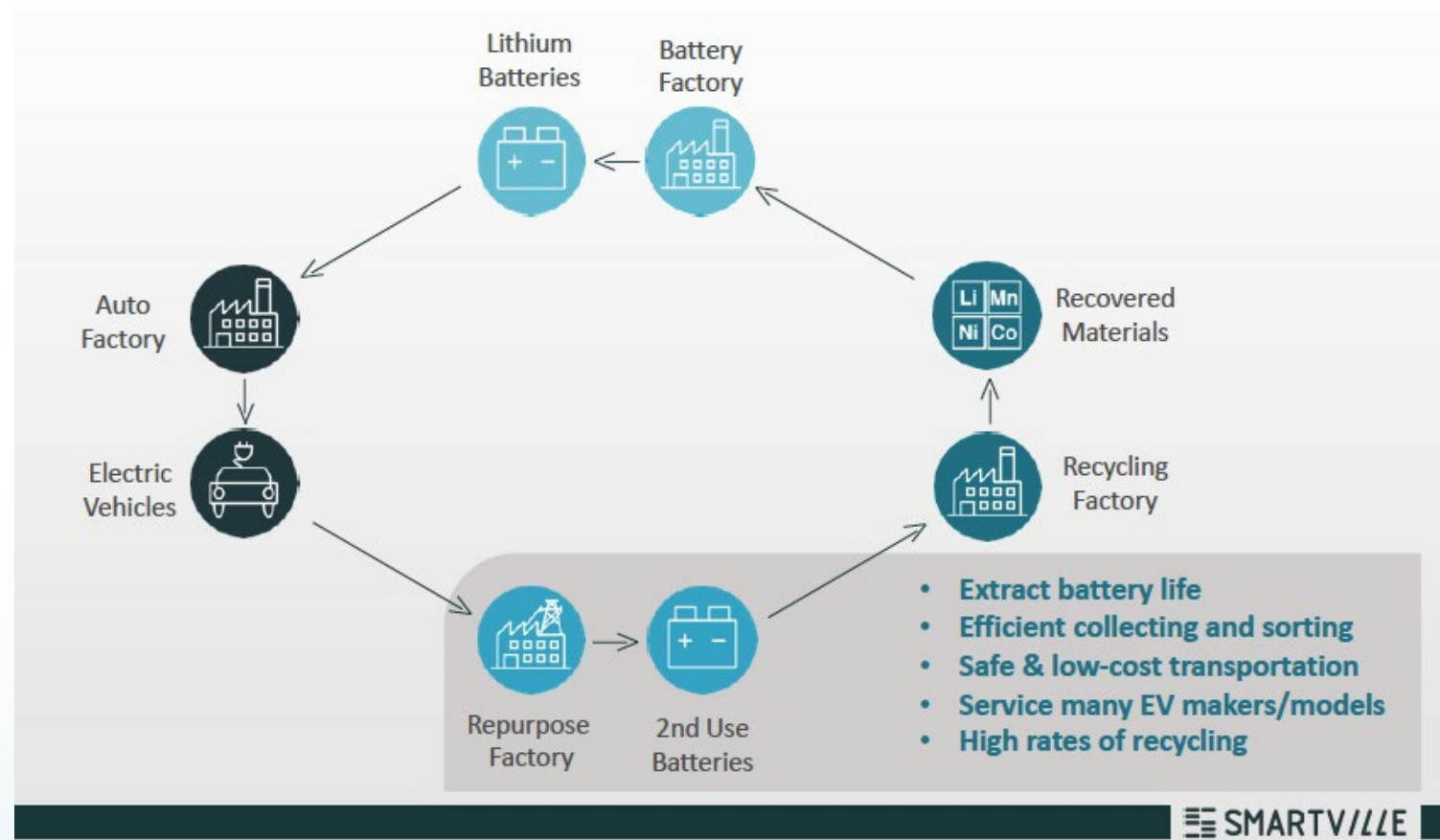
October 18, 2023 Business Meeting

Bryan Lee
Energy Research and Development Division
Energy Systems Research Branch



Benefits to Californians

- Reduce New Material Extraction for Energy Storage
- Cost-effective Grid Reliability
- Leverage \$6M of DOE Funds
- Job Creation



EV Battery Circularity – Source: Smartville

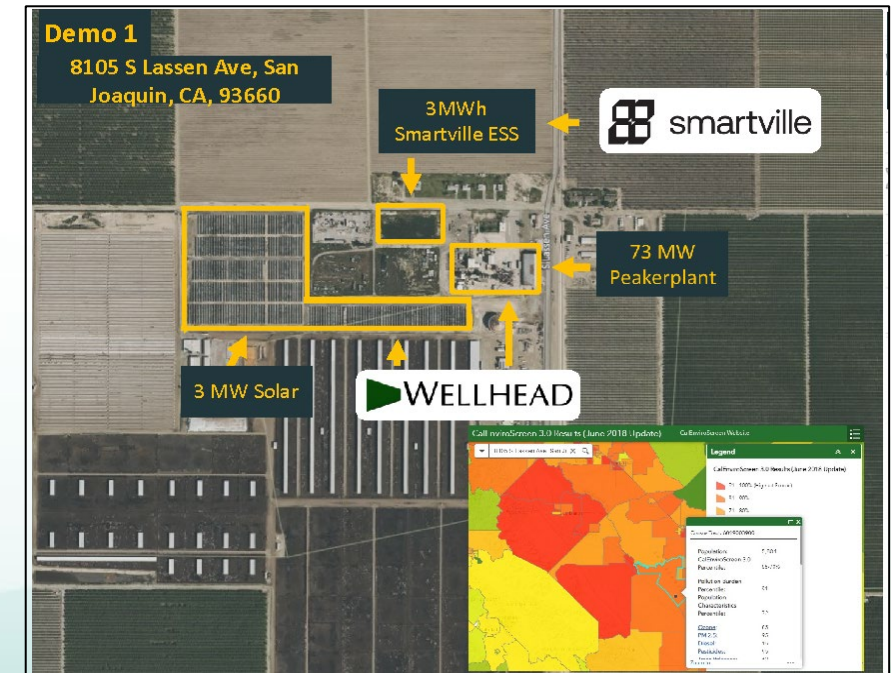


Smartville Project Overview

- Improve second-life battery uniformity and cycle life through life balancing controls
- Improve safety and manufacturability
- 500 kWh test system at Smartville HQ in Carlsbad
- 3 MWh demonstration system in San Joaquin Valley



Smartville's Pilot ESS Demonstration System – Source: Smartville



Wellhead Project Site Map – Source: Smartville



Staff Recommendation

- Adopt staff's determination that the project is exempt from CEQA.
- Approve grant agreement.