



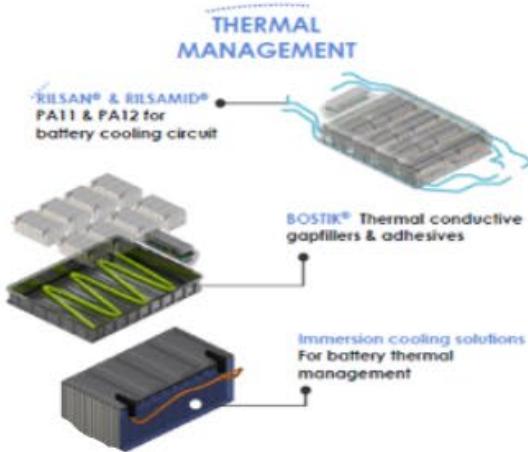
ARKEMA

Kynar® PVDF Li-ion Battery Applications

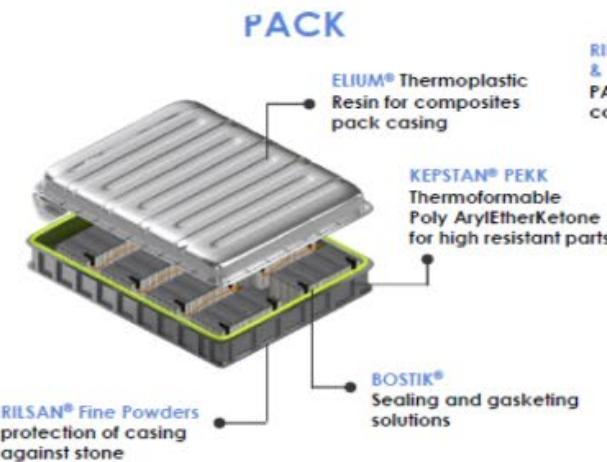
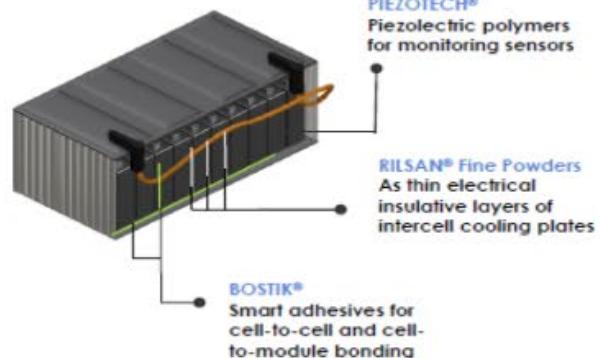
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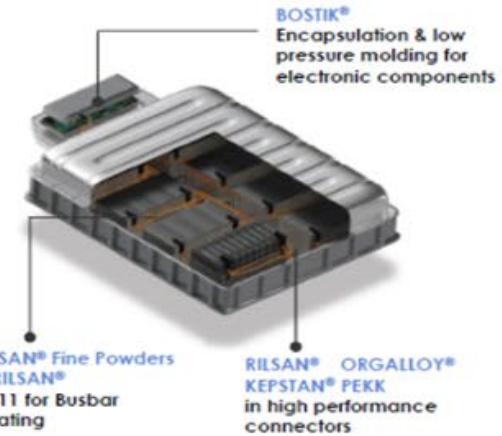
Battery Solutions by Arkema – Outside the cell



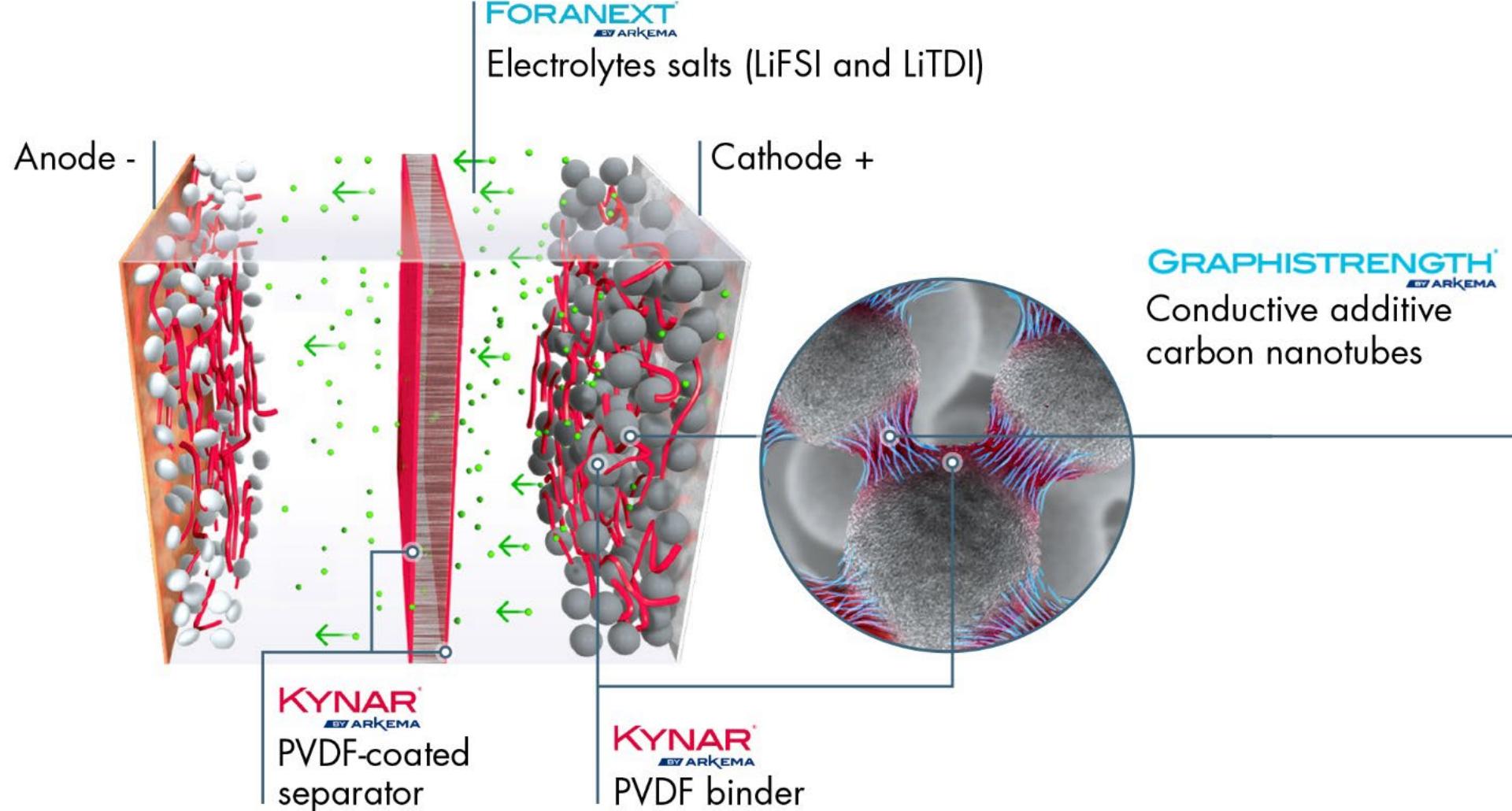
MODULE



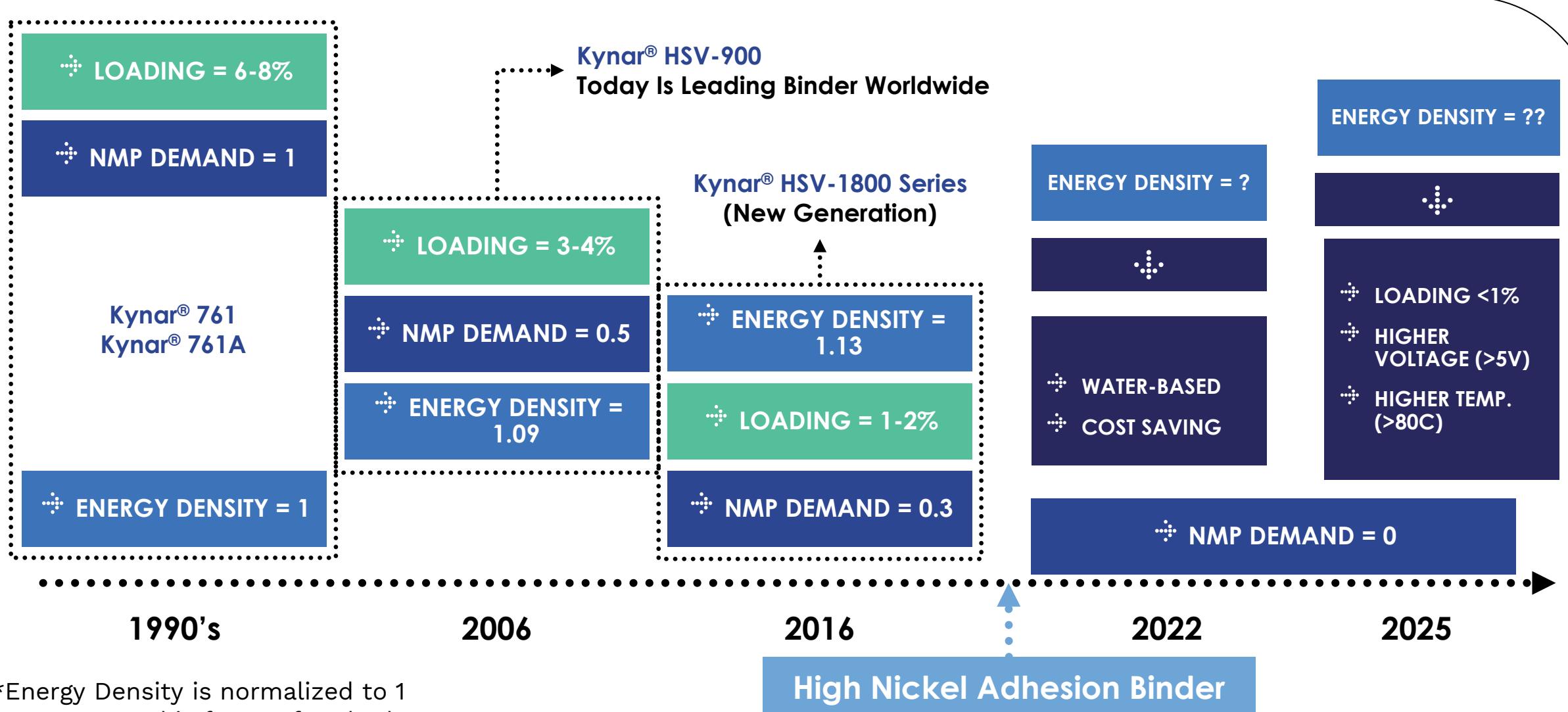
BATTERY MANAGEMENT SYSTEM



Battery Solutions by Arkema - Inside the Battery cell



EVOLUTION OF KYNAR® BINDERS



KYNAR® PVDF BROAD PRODUCT PORTFOLIO = a toolbox for customers

Key fine-tuning parameters...

- Molecular weight
- Crystallinity
- Copolymer content
- Functionalization

For tailor-made properties of Kynar PVDF

- Adhesion
- Flexibility
- Electrolyte uptake (swelling)
- Dissolution speed
- Phase separation speed

