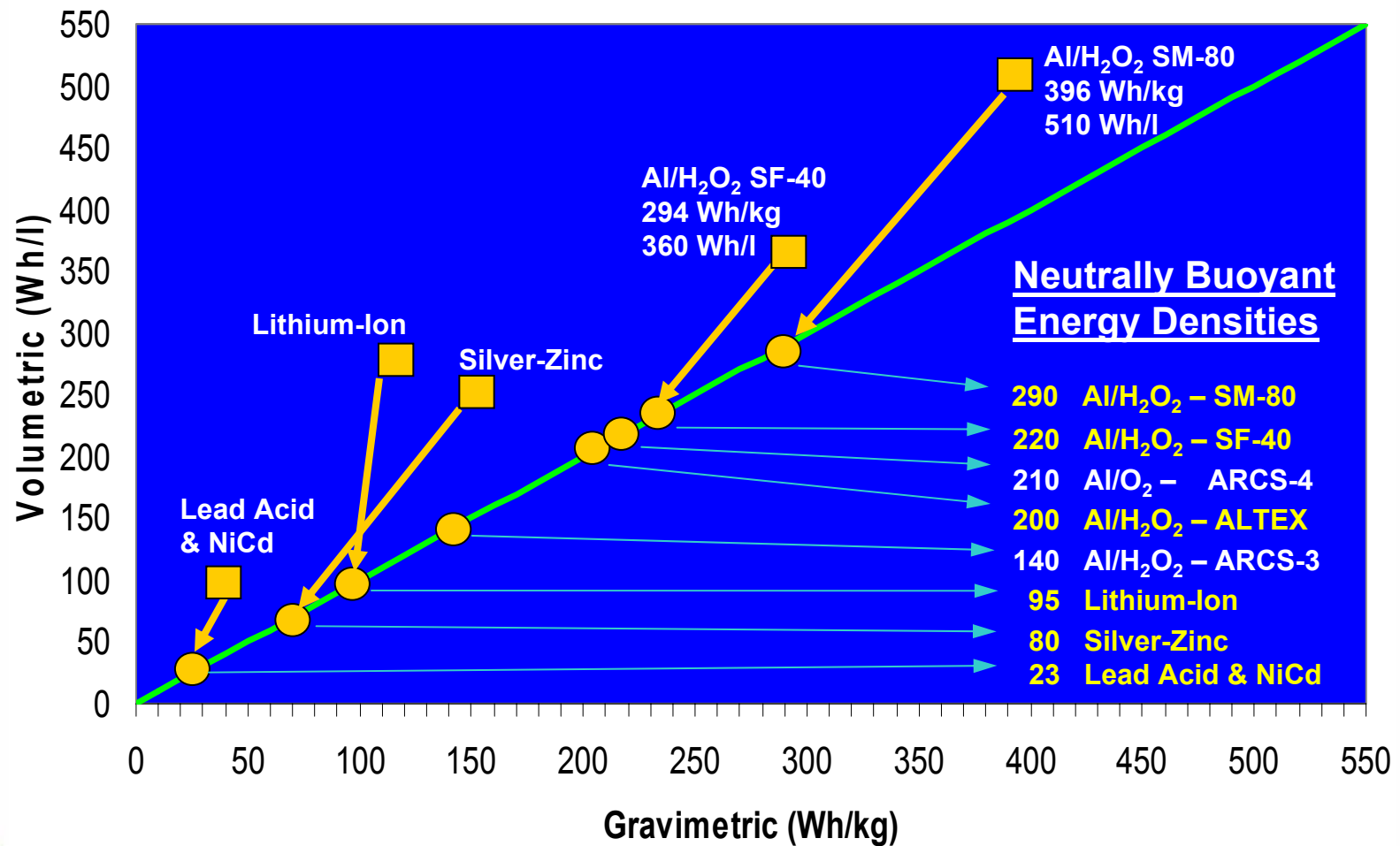


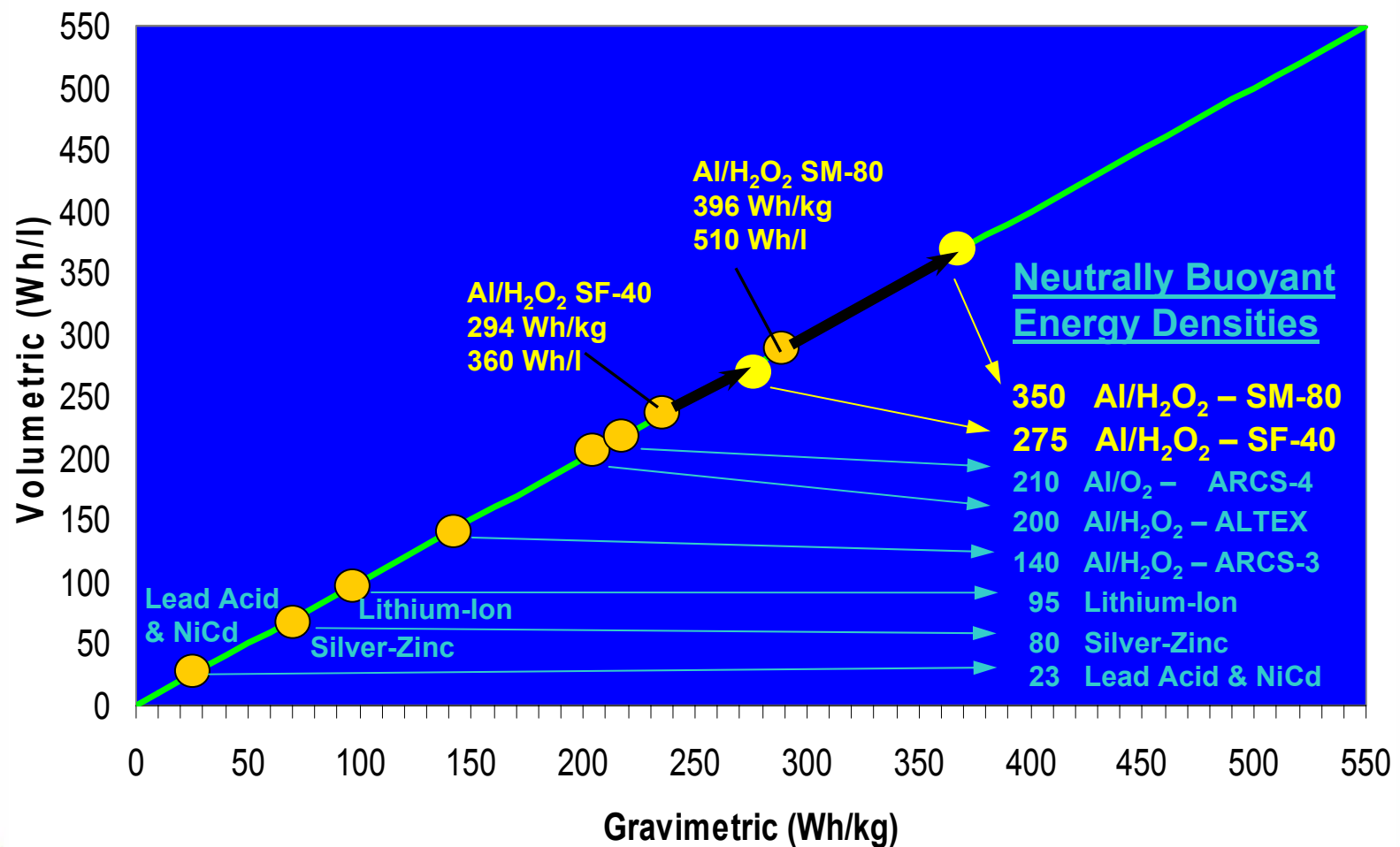
The Way Ahead – 2003 (Slide from FCT Presentation)

Energy Density Comparison



Aluminum Energy – the Next Generation

Energy Density Comparison



Aluminum Energy in 10 years

- **Increased Neutrally Buoyant Energy Density**
 - 275 Wh/kg for solids free
 - 350 Wh/kg for solids managed
 - Can be further improved if system is fully intergated into AUV as opposed to a stand-alone Energy Module
- **Improved operation**
 - In-situ neutralization
 - Simpler refuel
- **Smaller Diameter Hulls**
 - 15-inch, 9-inch, 5-inch

