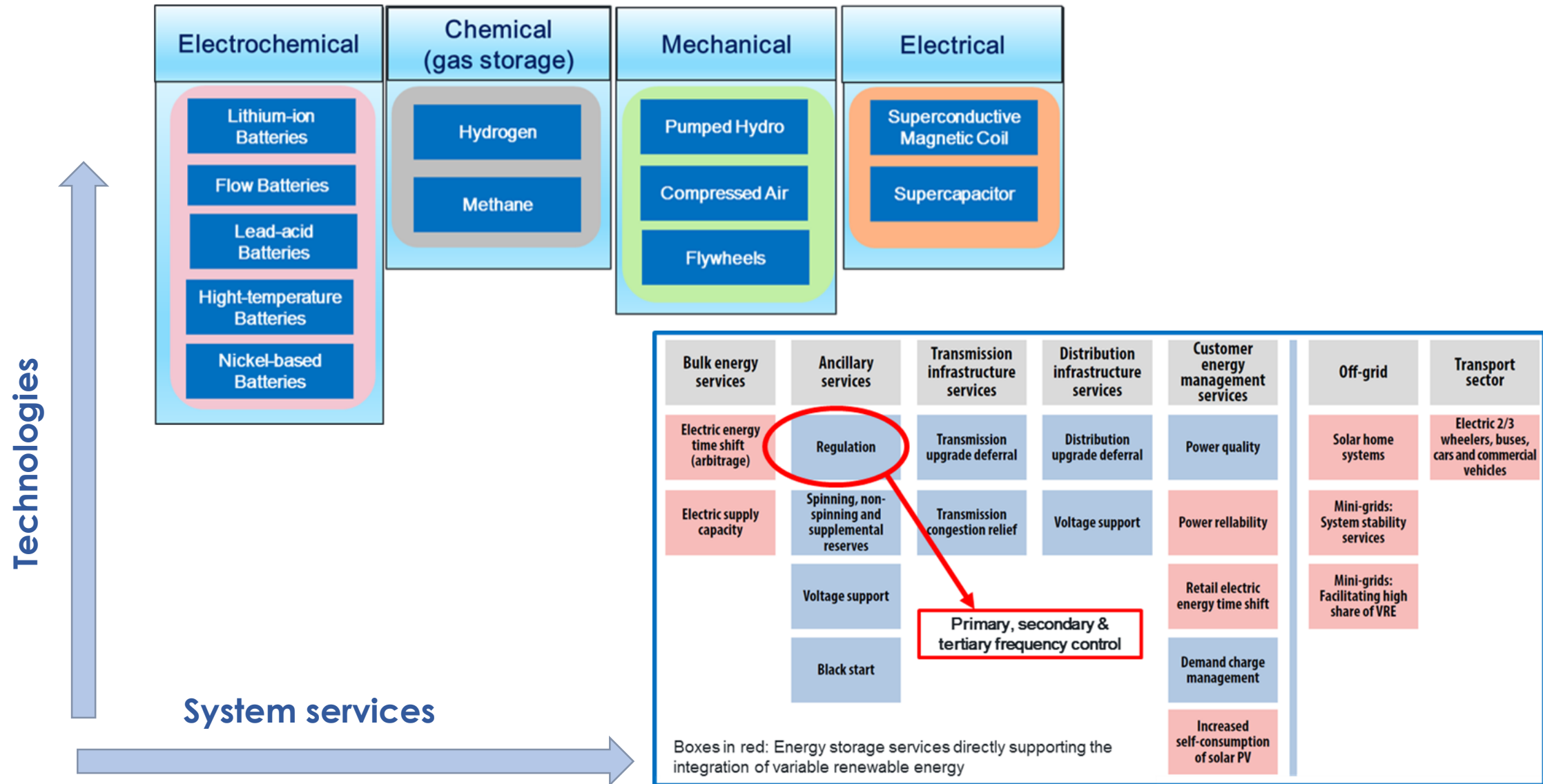




















# Electric storage: technology trends and system services



Source: IRENA and EASE website

# VGI potential in Italy for different grid services

Grid service (Entso-E wording)	Technical Feasibility	Regulatory Adequacy	Market Attractiveness	Potential market for 1 million of EVs [M€]*
<b>Primary regulation</b> (FCR - Frequency Containment Reserve)				30
<b>Secondary regulation</b> (FRRa - Frequency Restoration Reserve with automatic activation)				130
<b>Tertiary regulation</b> (FRRm - Frequency Restoration Reserve with manual activation and RR – Replacement Reserve)				330
<b>Balancing</b> (FRRm - Frequency Restoration Reserve with manual activation)				
<b>Interruptible load program</b>				20
<b>Capacity market</b>				120

\* Values displayed have to be considered as a qualitative estimation of current market potential in case of an opening of the service provision to VGI in V1G mode.