

Accelerating Co-Innovation for Transformation & Export (Xcite) 2022: Problem Statements

Theme	Problem Statement
EV Safety	<p data-bbox="432 400 1437 689">Enhancing Safety in Parked Electric Vehicles In the transition to cleaner vehicles adoption, especially for electric vehicles, there is a need to examine if there are better technological solutions in preventing, delaying or mitigating fire propagation, beyond our current active protection system. As Singapore's EV adoption journey is still in its nascent stage, it is opportune to explore the development, trial and implementation relevant technologies that can potentially prevent, mitigate or minimise the risk of EV related fires.</p> <p data-bbox="432 730 1437 947">The proposed solutions when developed will have potential to prevent and mitigate fire propagation of parked EVs, and help strengthen safeguards against fire. We anticipate demand for such solutions regionally and globally from private and public building owners as well as insurance providers, with a potential market size of more than S\$200 million by 2040.</p>