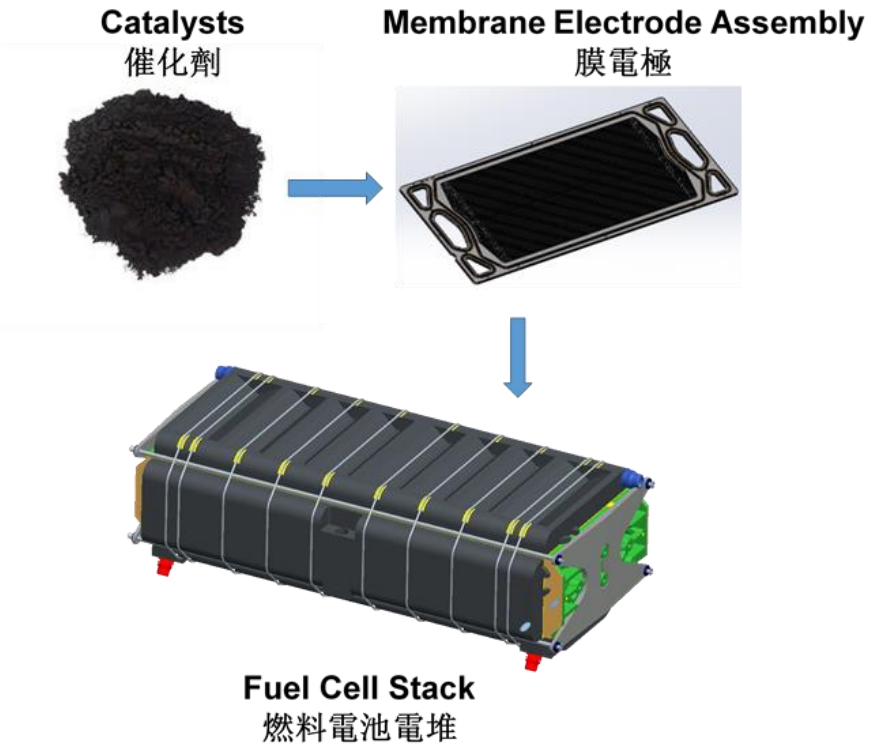
Annex

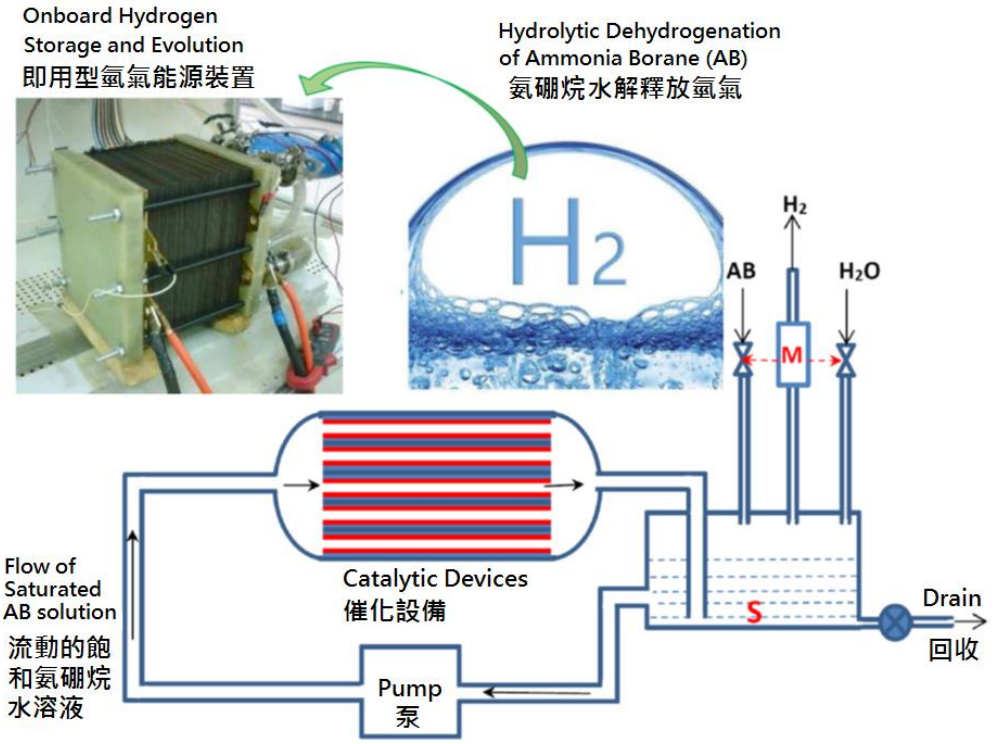
The second batch of approved applications in the first round of Green Tech Fund Applications

Application number	Project titles	Applicant	Approved duration	Grant approved
New energy technologies projects				
GTF202020092	Development of High Performance and Long-life Hydrogen Fuel Cell Stacks	The Hong Kong University of Science and Technology	36 months	$8,991,500
GTF202020103	Catalytic hydrolysis of solid-state hydrogen storage materials: A safe, efficient and facile approach for hydrogen storage and generation	The Hong Kong Polytechnic University	30 months	$3,305,100
Promotion of transport electrification projects				
GTF202020192	Agile and Dynamic Control Technologies to Enhance System Stability and Power Quality Considering Renewables and Electrical Vehicle Impacts	CAFEA Smart City Limited	30 months	$2,504,200
GTF202020166	Smart Power Conditioners Using Second Life Electric Vehicle (EV) Batteries	City University of Hong Kong	36 months	$6,687,710
Smart waste management project				
GTF202020077	Green Intelligent Garbage Bag Assessment System	United Microelectronics Centre (Hong Kong) Limited	21 months	$2,514,580
Real-time air quality monitoring project				
GTF202020183	Portable and low-cost sensors for the ambient air monitoring of BTEX and other volatile organic compounds	City University of Hong Kong	36 months	$5,686,750

Development of High Performance and Long-life Hydrogen Fuel Cell Stacks
(Application Number GTF202020092)

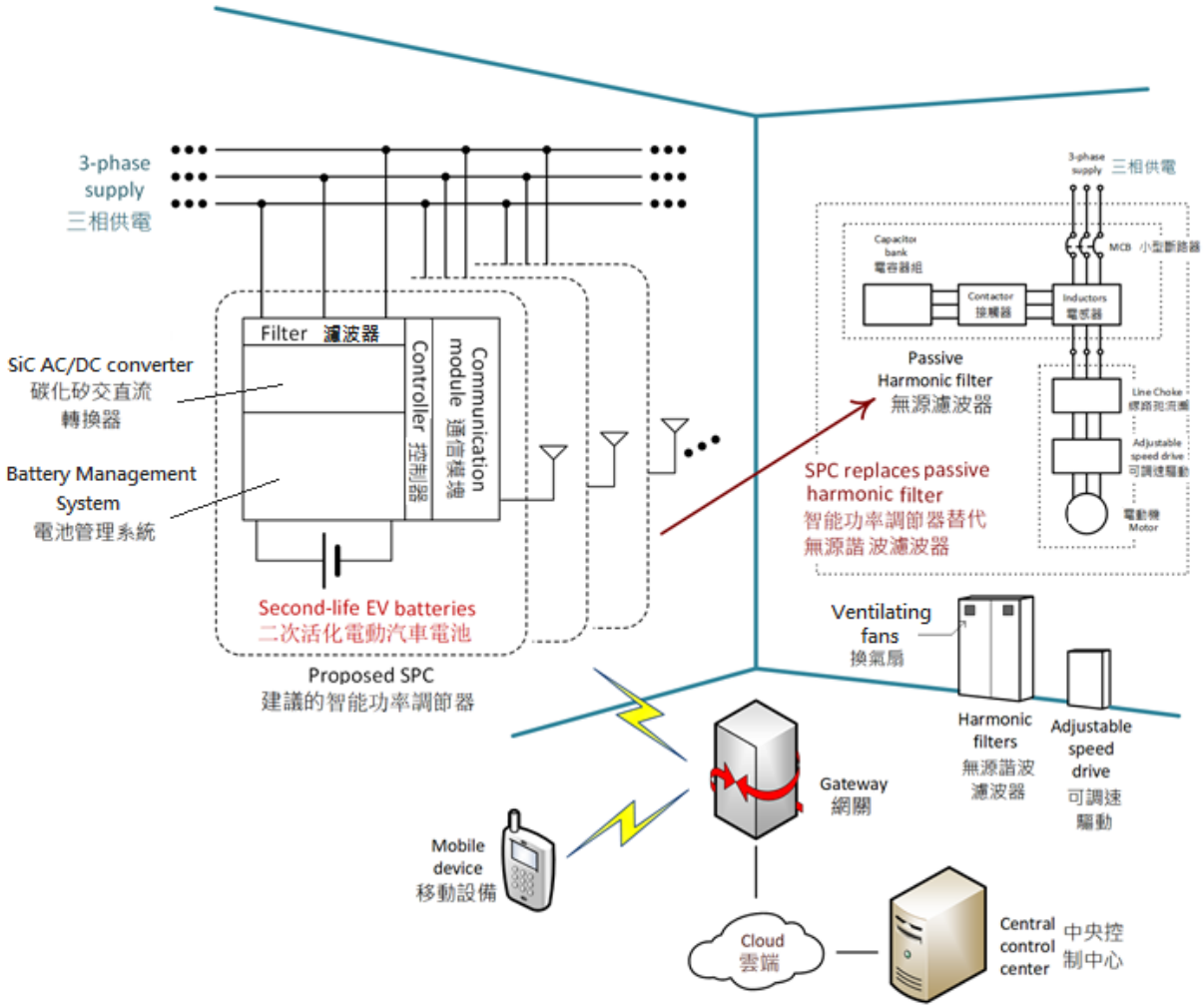


Catalytic hydrolysis of solid-state hydrogen storage materials: A safe, efficient and facile approach for hydrogen storage and generation
(Application Number GTF202020103)



Agile and Dynamic Control Technologies to Enhance System Stability and Power Quality Considering Renewables and Electrical Vehicle Impacts
(Application Number GTF202020192)

Smart Power Conditioners Using Second Life Electric Vehicle (EV) Batteries
(Application Number GTF202020166)



Green Intelligent Garbage Bag Assessment System
(Application Number GTF202020077)

The Intelligent Garbage Bag Assessment System applies advanced edge AI technologies to instantly recognise whether the waste is wrapped in the designated garbage bags, and provides relevant statistic data for further analysis.

Portable and low-cost sensors for the ambient air monitoring of BTEX and other volatile organic compounds (Application Number GTF202020183)