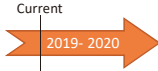



Country	Institute	Category	Related programs (with short summary)	Target / Goal Outcome	Lead person / Organization	Partnership (if any)	Related information
Mexico	Cinvestav		Hydrogen Technologies and Utilization Project / Research hydrogen production by photocatalysis  <p>Current 2019- 2020</p>	Feasibility of production of H ₂ by photocatalysis	Dr. Gerko Oskam, Applied Physics	(International) City Univ Hong Kong, China Univ New South Wales, Australia	https://mda.cinvestav.mx
		Production	CuZnSnS based solar cells [2018-2022]  <p>Current 2018 - 2022</p>	Improvement of efficiency of CuZnSnS solar cells by the understanding of the effect of defects in the structure	Dr. Jose Mustre, Applied Physics	(Domestic) Universidad Marista, Merida, Centro de Investigación y Tecnología Aplicada del IPN, (International) Stanford University, USA	https://mda.cinvestav.mx
		Transportation/ Storage	Production of fuel cells and application in prototype vehicles development of solid-state hydrides as MgH ₂ . Finally, in the specific use of fuel cells, the research effort envelops the process to create catalyst nanoparticles, used in fuel cells to power small vehicles]	Deliver Prototypes of motor vehicles, for use in highly congested urban environments	Dr. Omar Solorza Chemistry Department/ Cinvestav	(Domestic) Cinvestav-Saltillo, Instituto de Investigación en Materiales/UNAM (International) Toyohashi Technological University/Japan (Desired collaboration) field test, mechanical design of vehicle, scale	https://quimica.cinvestav.mx