DE-FOA-0002022

FISCAL YEAR 2019 H2@SCALE FUNDING OPPORTUNITY ANNOUNCEMENT

TEAMING PARTNER LIST

UPDATED FEBRUARY 28, 2019

* By facilitating this Teaming Partner List, EERE does not endorse or otherwise evaluate the qualifications of the entities that self-identify themselves for placement on the Teaming Partner List.

Organization	Contact Name	Organization Type	Area of Technical Expertise	Description of Capabilities	Contact Information
NextEnergy	Tim Slusser	Non-profit	NextEnergy has expertise with the siting, installation, commissioning, and operation of distributed resources and energy systems for electrified mobility (DC fast, bi-directional EV charging, and hydrogen fueling). We have designed, installed, and commissioned a 5k psi hydrogen refueling station at our facility in Detroit. We have also managed a methanol-based reformer project for hydrogen generation as well as installed and commissioned EV charging stations up to 100kW.	Testing, project and research development, project management, business and ownership model development, stakeholder engagement (public and private), and consultation with AHJ for approval and operation.	Address: 461 Burroughs Detroit, MI 48202 Email: tims@nextenergy.org Phone: (313) 833-0100 x120
Ames Laboratory	Viktor Balema	DOE National Laboratory (FFRDC), academic, government	Materials for hydrogen storage and water splitting; materials and products development and scale up	- Synthesis of inorganic materials and metallic alloys, including wet and solid state chemistry, mechanochemistry, and thermal processing - Full suite of materials characterization techniques (Ames Laboratory's capabilities: https://www.ameslab.gov/dmse)	Address: 255 Spedding, 2416 Pammel Dr., Ames, IA 50011-3020 Email: vbalema@ameslab.gov Phone: (515) 294-8033

				- Laboratory-scale electrochemistry; testing of electrode performance - Advanced characterization of hydrogen absorption-desorption performance of materials as function of temperature and pressure - Scale up of inorganic and hybrid materials through Ames Laboratory's Materials Preparation Center (https://www.ameslab.gov/mpc)	
GVD Corporation	Chris Thompson	Small business	Vacuum deposited polymer/oxide coatings, thin films, surface modification	Development of vacuum deposited polymer films that are ideal for surface modification of polymer and elastomeric substrates. Our current product portfolio includes fluorocarbon materials with hydrophobic and superhydrophobic properties, flexible gas barrier materials, and ion conducting polymers with high thermal and hydrolytic stability. In DOE-supported research, GVD has developed a gas barrier coating, designed to limit ingress of hydrogen gas into and out of elastomeric seals for use in high temperature high pressure applications. GVD also has developed a lubricious coating that improve the wear rates of	Address: 45 Spinelli Pl. Cambridge, MA 02138 Email: cthompson@gvdcorp.com Phone: 617-661-0060, ext 136

				rigid seals in hydrogen compression and dispensing systems.	
Purdue University	Shripad Revankar	Academic Institute, Non-Profit	Materials for water splitting- hydrogen generation; Materials for hydrogen storage, modeling, scale-up; Plant optimization	Synthesis of catalysts, materials and metallic alloys, including wet and sol d state chemistry, and thermal processing; materials characterizations, testing facilities for electrochemical processes, electrodes and membranes, high pressure hydrogen absorption-desorption testing as function of temperature. Various advanced facilities at Purdue University including nano-technology centers; System modeling, scale-up and optimization methods	Address: 400 Central Drive Purdue University West Lafayette, In 47907 Email: shripad@purdue.edu Phone: 765-409-7829
Southwest Research Institute	Tim Allison	Non-profit	-Machinery development (including hydrogen compression and combustion) -Hydrogen storage -Fuel cell materials and assemblies -Separation membranes for hydrogen production -Codes and standards for hydrogen delivery -Electrochemical and solar to hydrogen generation -Solid state hydrogen carriers	SwRI is an independent non-profit R&D institute focusing on applied R&D. We have existing hydrogen compression and combustion test loops and experience in designing, fabricating, and operating demonstration-scale and pilot-scale systems (kW-scale up to 10 MWe) for energy conversion.	Address: 6220 Culebra Rd, San Antonio TX 78238 Email: tim.allison@swri.org Phone: 210-522-3561