**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.

<table>
<thead>
<tr>
<th>Organization</th>
<th>Contact Name</th>
<th>Organization Type</th>
<th>Area of Technical Expertise</th>
<th>Description of Capabilities</th>
<th>Contact Information</th>
</tr>
</thead>
</table>
| 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](https://www.ameslab.gov/dmse)) | Address: 255 Spedding, 2416 Pammel Dr., Ames, IA 50011-3020  
Email: vbalema@ameslab.gov  
Phone: (515) 294-8033 |
| 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 |
<table>
<thead>
<tr>
<th>Institution</th>
<th>Contact</th>
<th>Role</th>
<th>Research Focus</th>
<th>Address</th>
<th>Email</th>
<th>Phone</th>
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<tbody>
<tr>
<td>Purdue University</td>
<td>Shripad Revankar</td>
<td>Academic Institute, Non-Profit</td>
<td>Synthesis of catalysts, materials and metallic alloys, including wet and solid 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.</td>
<td>Address: 400 Central Drive Purdue University West Lafayette, In 47907 Email: <a href="mailto:shripad@purdue.edu">shripad@purdue.edu</a> Phone: 765-409-7829</td>
<td></td>
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<tr>
<td>Southwest Research Institute</td>
<td>Tim Allison</td>
<td>Non-profit</td>
<td>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</td>
<td>Address: 6220 Culebra Rd, San Antonio TX 78238 Email: <a href="mailto:tim.allison@swri.org">tim.allison@swri.org</a> Phone: 210-522-3561</td>
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</tbody>
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