

## TECHEMERGE RESILIENCE INDIA CHALLENGE

### MONTHLY PROGRESS UPDATE

Progress Update	<input type="checkbox"/> Yearly <input type="checkbox"/> Quarterly <input type="checkbox"/> Monthly
Reporting Year:	<input type="checkbox"/> 2020 <input type="checkbox"/> 2021 <input checked="" type="checkbox"/> 2022 <input type="checkbox"/> 2023 <input type="checkbox"/> 2024 <input type="checkbox"/> 2025
Reporting Period (Month)	February 2022
Project Title	TechEmerge Resilience India Challenge

#### Summary of Monthly Progress

The innovators in Himachal Pradesh and Uttarakhand are almost in the last phases of the project implementation. The innovators are closely working with the SDMAs and resolving the administrative issues for necessary clearances and documentation requirements. The innovators are also working to achieve the desired technical output. Some of the innovators have progressed to the training and orientation phase after which the product will be successfully handed over to the SDMAs. For Seismic AI and Project Owl, the innovators and SDMAs are working to address the challenge of custom clearance and security certifications. Pragathi Foundation in UKSDMA is at the final stage of hand-over. Quantela project has also completed the orientation training and will be handing over the live dashboard application to the SDMA after incorporating their feedback. Most of the innovators have requested for extension from ADPC considering the delays in implementation. A series of technical webinar have been started by RIKA-IIT Hyderabad to facilitate discourse on implementation of new and emerging technologies.

IdeaForge	<p>The innovator is working on the payload capacity and ground clearance concerning the megaphone integration. The team assured that the delivery of the software development for negative altitude would be done after the contract through firmware updating and in-person training. The innovator has requested for an extension till 15<sup>th</sup> March for conducting hands-on training, and mapping the software for processing outputs.</p>
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<p><b>Quantela</b></p>	<p>The live dashboard with Volunteers and Trained Personnel Dashboards is complete. A training was held on 14<sup>th</sup> January for orientation to the district officers. The innovator has successfully shared the dashboard and app with HPSDMA who is undertaking cross-verification of data. Innovator has two more actions required i.e. users need to be added for six more districts. Then the project would go live. A one month extension has been requested for stabilization of dashboard and app.</p>
<p><b>ADRC &amp; UoT</b></p>	<p>The contract is being withdrawn.</p>
<p><b>Nelen &amp; Schuurmans</b></p>	<p>The Nellen Schurmann's team has shared the technical and functional details of the model. The innovator will provide access to the model forecasting interface for testing and further clarifications for HPSDMA. The innovator will also organize the training workshop with demonstration of the forecasting model. It is being planned for in the third week of February, tentatively on 16<sup>th</sup> February.</p>
<p><b>Project OWL</b></p>	<p>The innovator faced hurdles in security clearance, and require extra documentation for activities. HPSDMA is testing the product to provide necessary security clearances for the innovator to proceed. HPSDMA would take up the technical comments and suggestions from Police and Telecommunications departments. The innovator has been guided to make the requested changes for enhanced security and functioning of the devices.</p>
<p><b>Saif Seas</b></p>	<p>As per the innovator, the prototype is ready and they will schedule the delivery in the February for pilot testing of the product by HPSDMA. Thereafter, a training will be conducted by the innovator for HPSDMA officials on operation of the bouys.</p>
<p><b>SeismicAI</b></p>	<p>The innovator and SDMA is working to get customs clearance and necessary documentation for the same. The UKSDMA has requested to innovator to figure out the exact challenges being foreseen with customs clearance so as to provide help for smooth delivery of the devices.</p>
<p><b>Pragathi Foundation</b></p>	<p>The team is preparing for withdrawal by training the community members to independently operate the devices. A meeting is planned to be held with district official for training of the team from the DDMA. Thereafter, complete hand-over will be undertaken after inauguration based on discussions with UKSDMA and district officials. A possible</p>

	<b>scaling up of the project is being considered by the team in consultation with UKSDMA.</b>
<b>Numer8</b>	<b>The project has not started.</b>