

AREN Goal	AREN information needs	AREN Partner Data Collection Expectations			Additional Data Collection by HRI
		Administer Participant Survey	Complete Documentation		
1. Foster and participate in productive partnerships	Information about nature, purpose, and outcomes of partnerships			Document partnership activities*	HRI interviews AREN partners
2. AREN develops technologies and activities that are usable by intended audiences	Information about technology and activity development such as functionality, durability, and usability			Document development process*	HRI interviews AREN partners
3. AREN provides one-on-one support for using AREN technologies and activities	3a. Adults (e.g., professionals/hobbyists, undergraduate/graduate students)	Information about uses of AREN resources, lessons learned about the technologies		Document feedback and lessons learned*	HRI interviews AREN partners
	3b. Students (e.g., GLOBE research projects)				
4. AREN team members engage groups of target audience members with AREN technologies and activities	4a. Student outreach/enrichment events	Information about audiences served, quality of user supports for facilitating use of AREN activities/technologies, lessons learned about the supports/activities/technologies		Complete facilitator form	Document feedback and lessons learned*
	4b. Student extended events (camps)		Student extended event survey†	Complete facilitator form	Document feedback and lessons learned*
	4c. College courses incorporating AREN activities to teach STEM		Student extended event survey	Complete facilitator form	Document feedback and lessons learned*
	4d. Professional/hobbyist trainings		Non-educator survey*	Complete facilitator form	Document feedback and lessons learned*
	4e. Preservice teacher events/courses to enable STEM teaching		Preservice teacher survey	Complete facilitator form	Document feedback and lessons learned*
	4f. In-service educator events		Educator survey	Complete facilitator form	Document feedback and lessons learned*
5. Wider audiences are aware of AREN resources	Information about audiences reached and interest in further engagement with AREN	Adult outreach survey	Complete facilitator form	Document feedback and lessons learned* Collect website/social media analytics*	
6. Wider audiences can procure AREN technologies	Information about contacts and success of efforts			Document commercialization efforts*	
7. Wider audiences use AREN technologies and resources	Information about reach and impact including how AREN technologies are resources are being used				HRI administers follow-up surveys with participants; HRI interviews participants

Legend
* Needs to be developed
† Administer only if camp is over X% AREN

Participant Surveys and Facilitator Form are on the HRI website:  
<https://www.horizon-research.com/aren-evaluation-surveys/>