

CPAG Content Priority Management Dashboard

Sensor Technology

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Vision #	Vision Statements (Where do we want to be?)	Status Comments/Next Steps
1	AIHA is the leader in establishing criteria for a certification type program for sensor technologies.	RTDC developed criteria (SESS) that can be used as a basis for a certification.
2	AIHA has a robust portfolio of sensor technology education and training for both members and non-members.	
3	AIHA has developed guidance documents relating to sensor application, management/review of data sets, and data interpretation.	
4	IH community is a key influencer in the process of updating guidelines and standards related to the application of new sensor technologies.	
Vision Links	Initiatives (What do we need to do to get to our vision?)	Status Comments/Next Steps
Initiative Ideas		
3	Develop IH Equipment Program Management BoK.	Outcome from Sensor Meeting 3/27-28/18
Initiatives In-Progress		
4	Conduct a Go / No Go reseach study to determine interest in AIHA entering the sensor certification space.	<p>Work with an identifeid consultatn to conduct this research. The goal of the research is to identify key players in sensor development and manufacturing space to in order to conduct in-depth interviews to determine whether AIHA should pursue a sesnor certification program.</p> <p>Identified consultant.</p> <p>In-depth telephone interviews (45-60 minutes) - The goal of the in-depth interviews (IDIs) is to assess initial interest in a sensor certification program among companies throughout the value chain – sensor manufacturers, air monitor manufacturers, and end users.</p> <p>Key objectives to be addressed in these interviews include:</p> <ol style="list-style-type: none"> 1. Identify the respondent's role in developing, manufacturing, or using air monitoring sensors systems. 2. Determine if respondents are aware of standards used to certify or calibrate the sensors used in their air monitors, if so, what are these standards and who has developed them? 3. Assess interest in the development of a sensor certification program - a) Do respondents feel there is a need to certify or calibrate sensors to an industry standard?, b) Are there any benefits to sensor certification? c) Are there organizations who have developed sensor certification programs for their industry? If so, who are these organizations? d) How would the certification program be structured (e.g., applications, certification review, on-site review, testing protocols, recertification, periodic surveillance, etc.)? e) Who would administer each of these steps? f) What technical requirements may be associated with the certification program? g) Which organization(s) would be best positioned to develop and maintain the certification program?
4	Conduct a Market Feasibility Study (logical place to start; identify business case/market 'pull').	<p>o Describes the industry: current market, anticipated future market potential, competition, and potential buyers/consumers (audience)?</p> <p>o Describes the financial implications: ROI projection, AIHA investment needed, ongoing financial support needed, initial and ongoing hardware and software needs and costs?</p> <p>IRAT being proposed to BOD for a 2019 project.</p> <p>o Describes the organizational resources: staff needed, bandwidth, skill level, member involvement, on-site verification process, could our LAP customers be accredited to be sensor certifiers?</p>
3	Position paper--EFCOG peak exposures data interpretation from sensors.	Purpose: To bring data interpretation current to match the state of detector data (volume, integration, etc.) for compliance determinations. Initially proposed EASC VG BP 2017
Initiatives Completed		
3	Sponsor a sensor research paper (AIHA Future of Sensors by RTI)	AIHA Future of Sensors Link
1,2,3,4	Host a sensor technology summit	Summer of 2016
2,4	Develop a general DRI BoK	BoK Webpage Link
2	Develop a general DRI certificate	Field Use of Direct Reading Instruments for the Detection of Gases and Vapors Certificate Program Link
1,2,3,4	Convene Sensor Certification WkGrp Meeting	Held Sensor Meeting 3/27-28/18
END		