



Water and Environmental Technology (WET) Center – a National Science Foundation Industry/University Cooperative Research Center (I/UCRC)



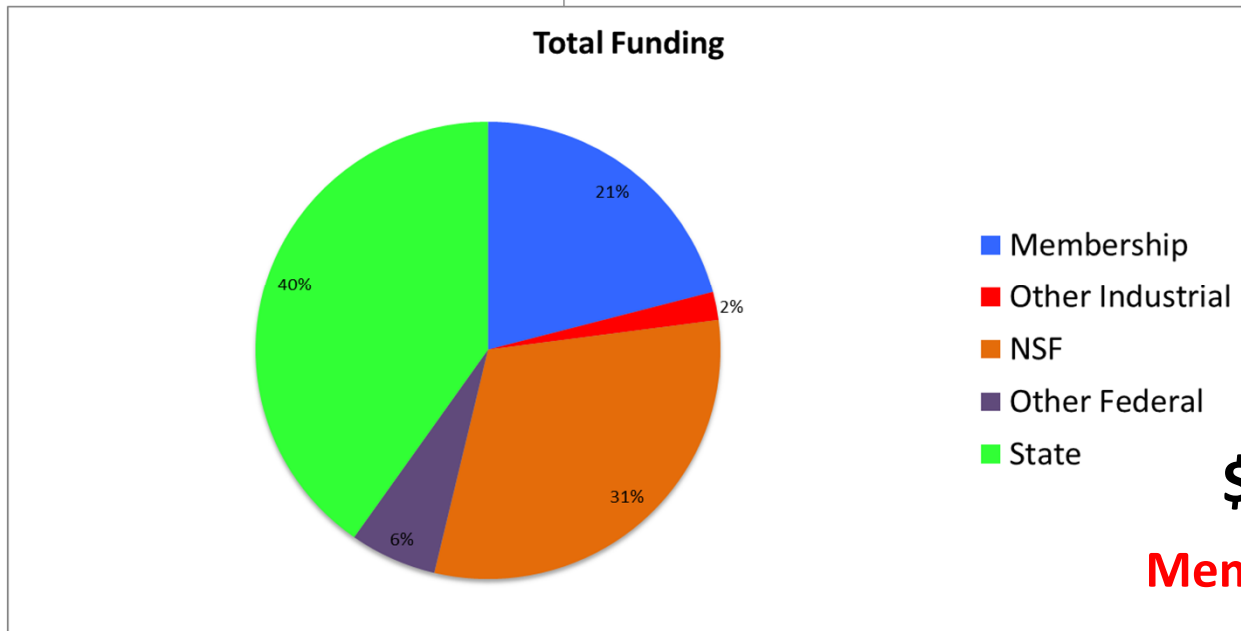
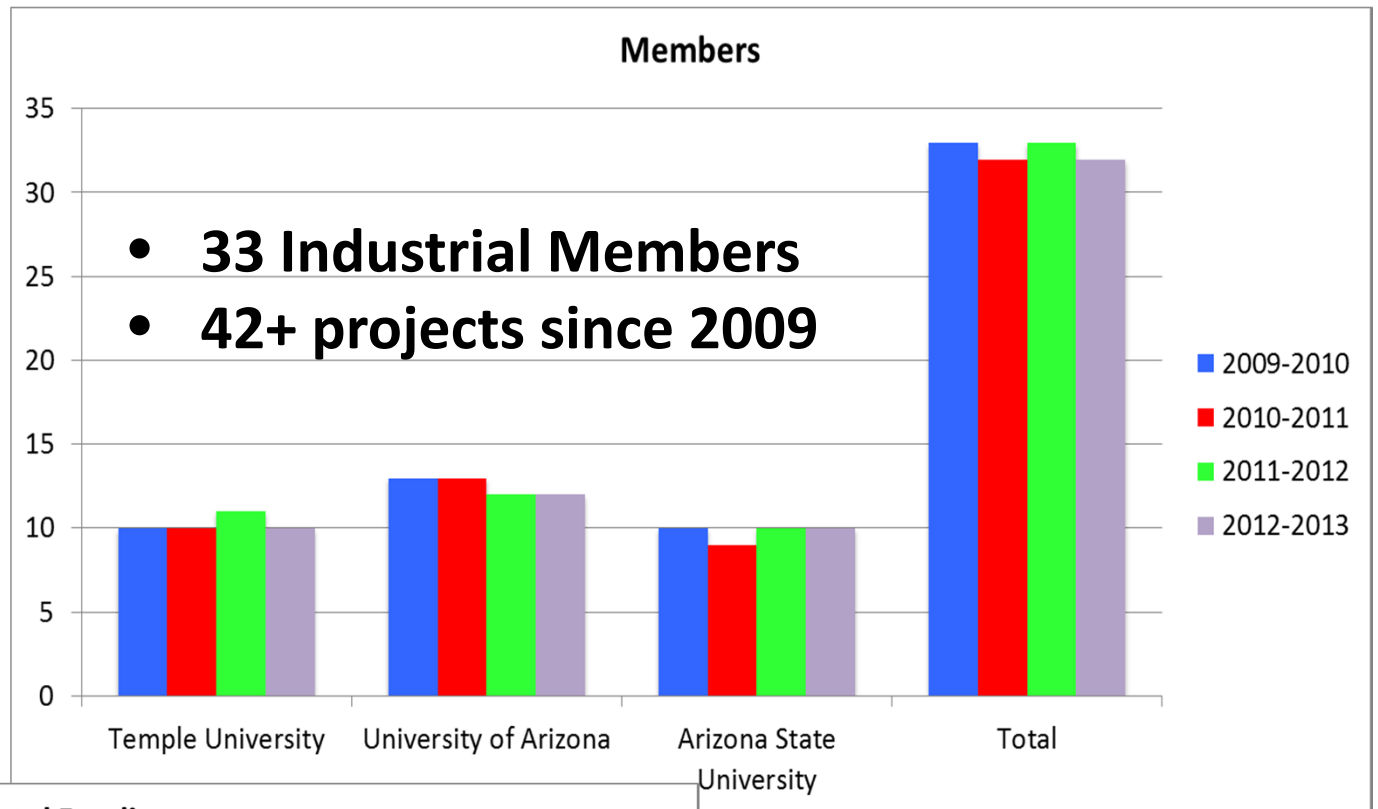
Presentation at the Annual I/UCRC Meeting
January 8-10, 2014
by
Rominder Suri

Key Features:

- **Established in 2009 (to start Phase II in 2014)**
- **Three University Sites**
 - **Center Director: Rominder Suri**
 - **UA Site Director: Ian Pepper**
 - **ASU Site Director: Morteza Abbaszadegan**

WET Center

- The *mission* is to develop methods/technologies to detect, understand, mitigate and/or control contaminants, including Emerging Contaminants of Concern, that can adversely impact water quality and the environment
- The *vision* of the WET Center is to minimize any potential adverse effects of contaminants on human health and/or the environment



\$10+ million total funding
Member Leveraging Factor of 5 !

Center Technology Roadmap

The Need:

- **Initial encouragement from Babu DasGupta**
- **Diverse IAB – pharma & personal care products industry, DoD and industry, water and wastewater utilities, technology companies**
- **Diverse, and large number of research projects**
- **Future research focus areas / projects**
- **Future Center Expansion**

Initial Draft formulated by Center Directors, and reviewed/edited by IAB – for Phase I

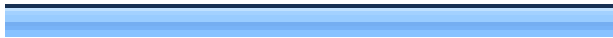
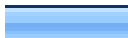
For Phase II – Technology Roadmap drafted by the IAB, and reviewed by the Directors

**Center Technology Roadmap – by the IAB
(no involvement of center directors)**

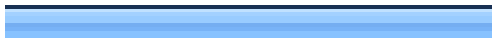
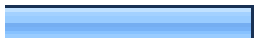
**On-line Survey of Technology thrust areas (based upon
research projects done and existing Technology roadmap) –
August/September, 2012**

**Live IAB Web Meeting in October 16 - 17, 2012 to discuss
and draft the Roadmap**

4. EC Degradation Data and Treatment Technologies

		Response Percent	Response Count
Keep		83.3%	15
Delete		16.7%	3
		answered question	18
		skipped question	2

5. Environmental Fate of Nanomaterials

		Response Percent	Response Count
Keep		66.7%	12
Delete		33.3%	6
		answered question	18
		skipped question	2

Center Technology Roadmap – by the IAB

Output – a revised, more focused and vibrant Roadmap, with input from the IAB, for the Next 5 Years

More engaged IAB

Used the Technology Roadmap in our Phase II Renewal proposal

Marketing Tool

Assessed Roadmap to identify research gaps and future projects

Assessment of Technology Roadmap

