

**Enhancing local capacity through
university/local government partnerships:**

Global Consortium for Sustainability Outcomes

Dr. Rob Melnick, Executive Director

Julie Ann Wrigley Global Institute of Sustainability
Arizona State University (ASU)

April 27, 2018



GLOBAL
CONSORTIUM FOR
SUSTAINABILITY
OUTCOMES

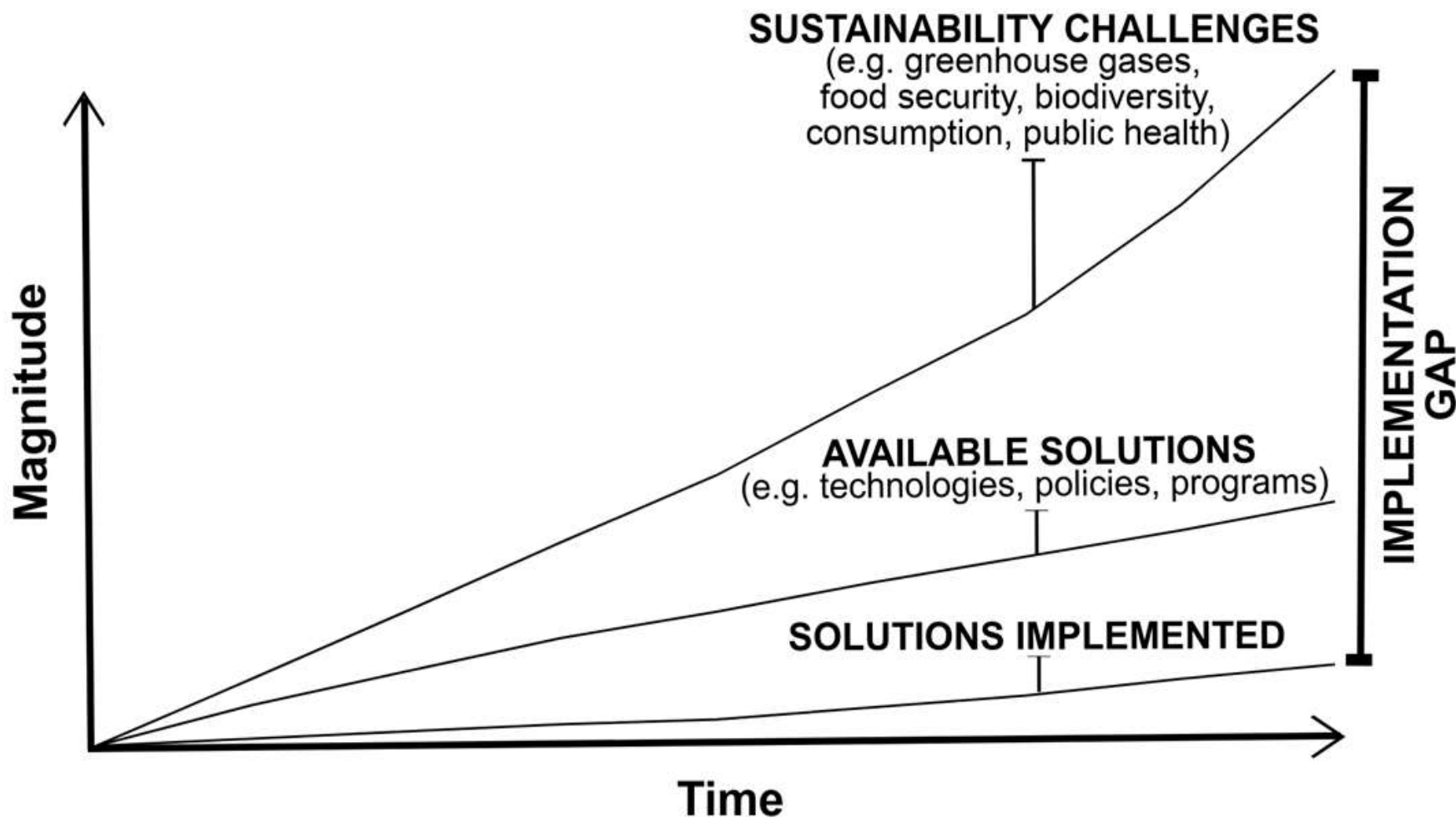


Mission

**Develop, apply and scale solutions
to sustainability challenges**

<https://sustainabilityoutcomes.org/>

Implementation Gap



Design Features

- **Non-profit organization**
- **University membership dues + corporate contributions = funding support of member projects**
- **Development, application of solutions must involve 2 or more members (to achieve scale)**
- **Projects require an “implementation agent” (often a city) to ensure use of solution**
- **Must answer this question -**

“What will become more sustainable as a result of this project?”

GCSO-CapaCities

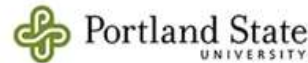
City-University Partnerships

- **City of Tempe**
- City admin.
- Senior dept. heads
- Sustainability manager



Game-based Workshops

- **City of Portland**
- 4 city bureaus identify assets
- ~ 10 other bureaus or stakeholders support asset management



Integrated Planning Workshops

- **City of Karlsruhe**
- 4 bureaus
- NGO - "stattreisen Karlsruhe e.V."
- 3 KIT depts., KIT students



Sustainability City Walks



Game-based Workshops

- **Mexico City**
- Resilience Agency, Environ. Secretariat
- Xochimilco borough admin.
- NGOs



GCSO-CapaCities Project Outputs

Tempe, Arizona: Interdepartmental climate action plan

Karlsruhe, Germany: Inter-bureau sustainability discourse

Portland, Oregon: Resilience plans for flooding and seismic events

Mexico City, Mexico: Earthquake reconstruction plan