Maryland Coastal Adaptation Report Card

Heath Kelsey, Katie May Laumann, Annie Carew

University of Maryland Center for Environmental Science

Integration and Application Network

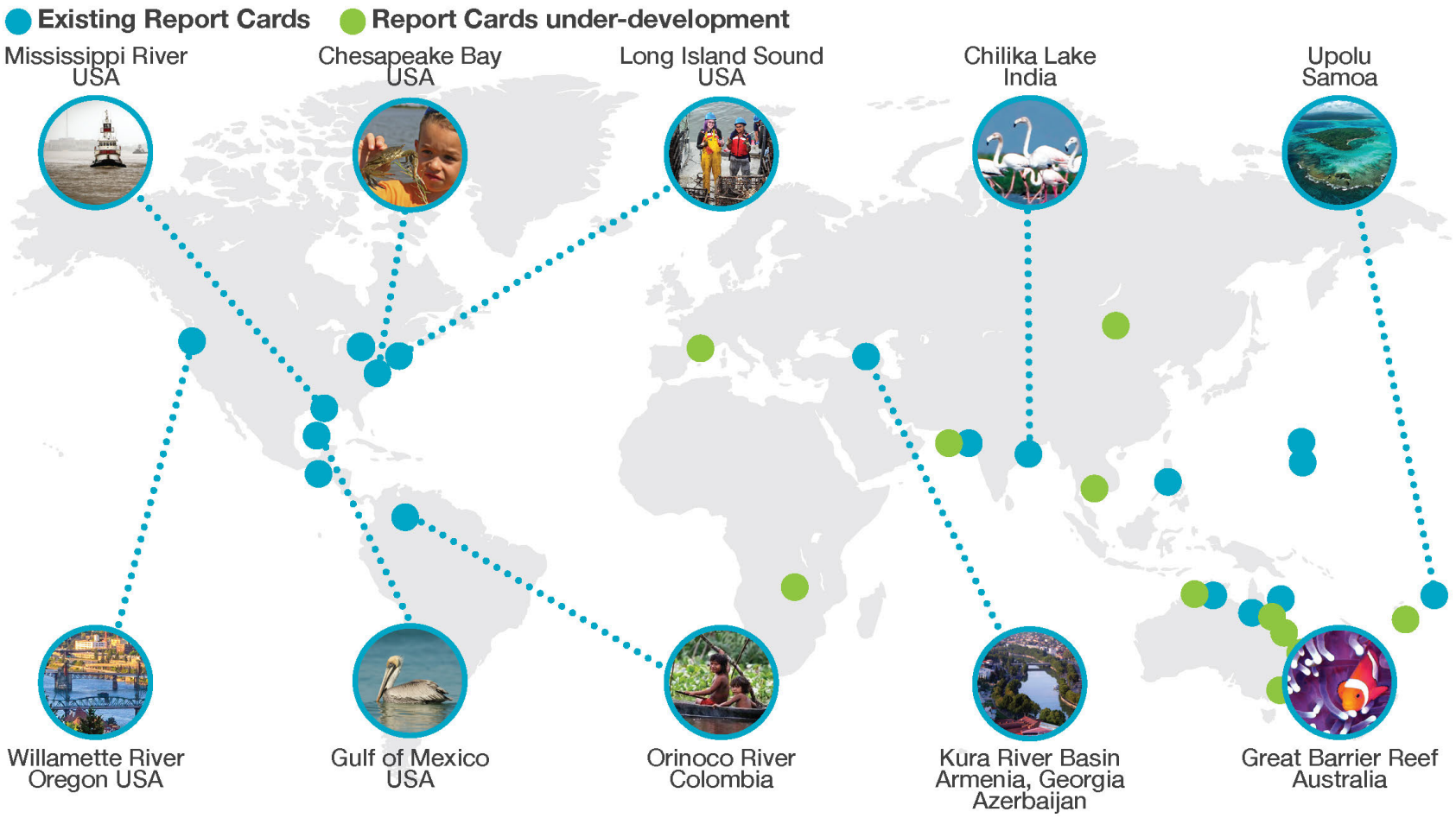
Presentation outline

- Introduction to IAN
- Project Introduction
  - Indicators
  - Stakeholders
- We need your help!

Integration and Application Network

- 34 staff
  - 3 Administrators
  - 9 PhD Researchers and Science Integrators
  - 15 Science Communicators and Project Managers
  - 4 Graduate Students
  - 2 Interns

IAN has worked on many report cards worldwide

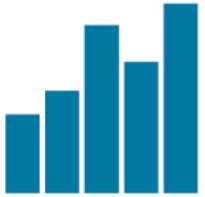


The report card process is 5 steps

1 CONCEPTUALIZE

2 CHOOSE INDICATORS

3 DETERMINE THRESHOLDS



4 CALCULATE GRADES

5 COMMUNICATE

Coastal Adaptation Report Card Team

Heath Kelsey

PI

Katie May Laumann

Co-PI

Project Manager

Annie Carew

Science Communicator

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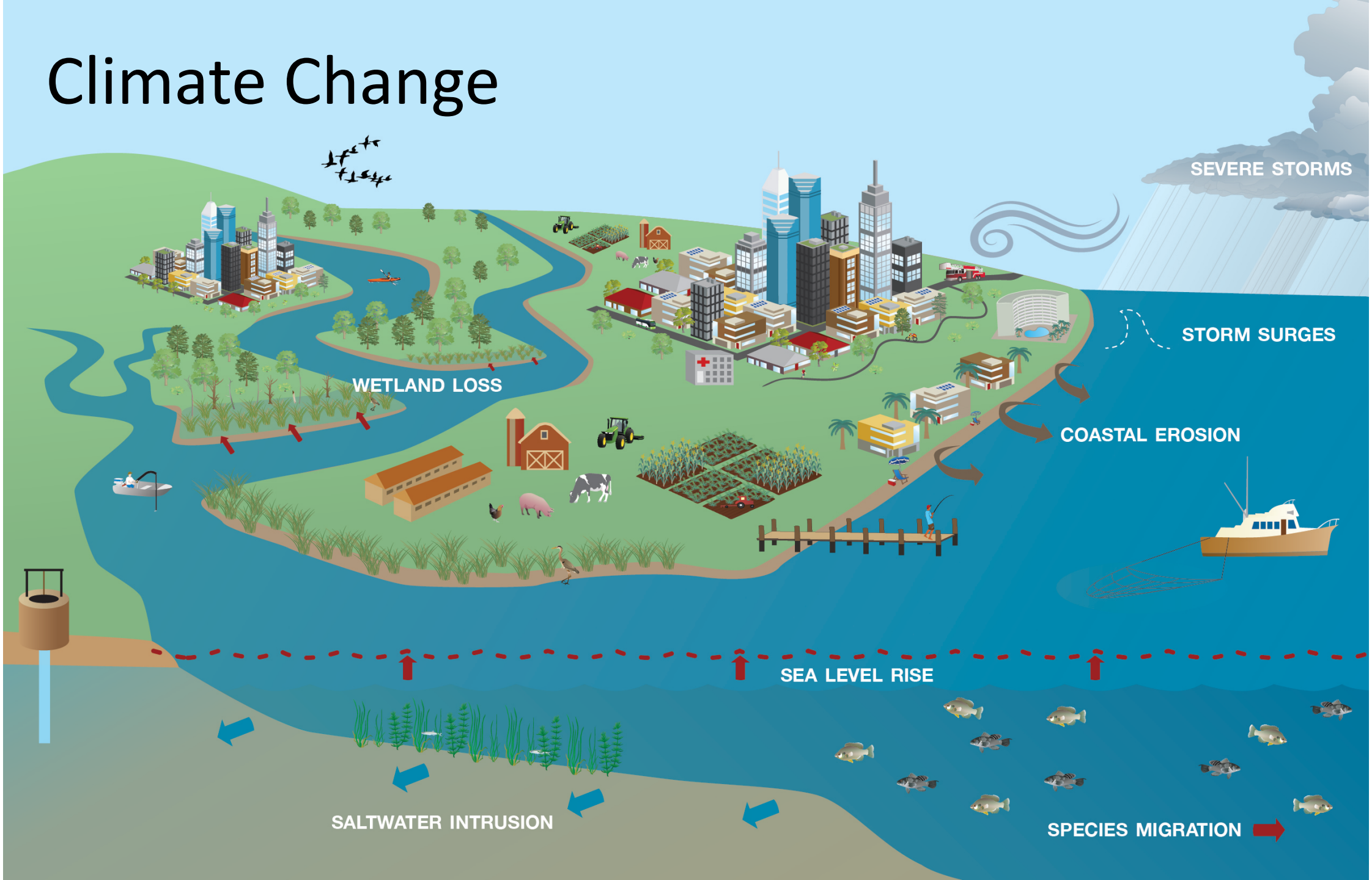
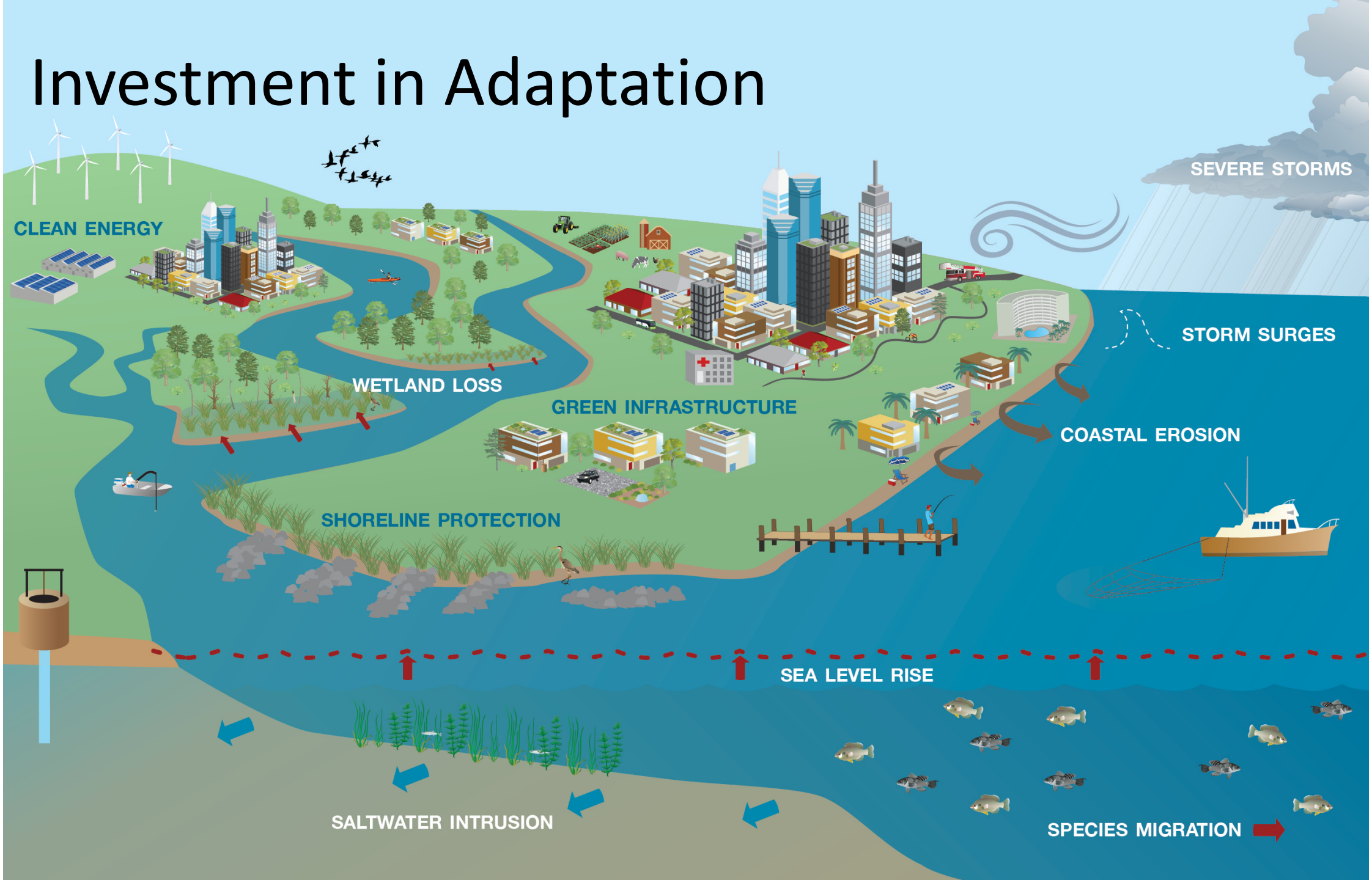
Climate Change



Investment in Adaptation



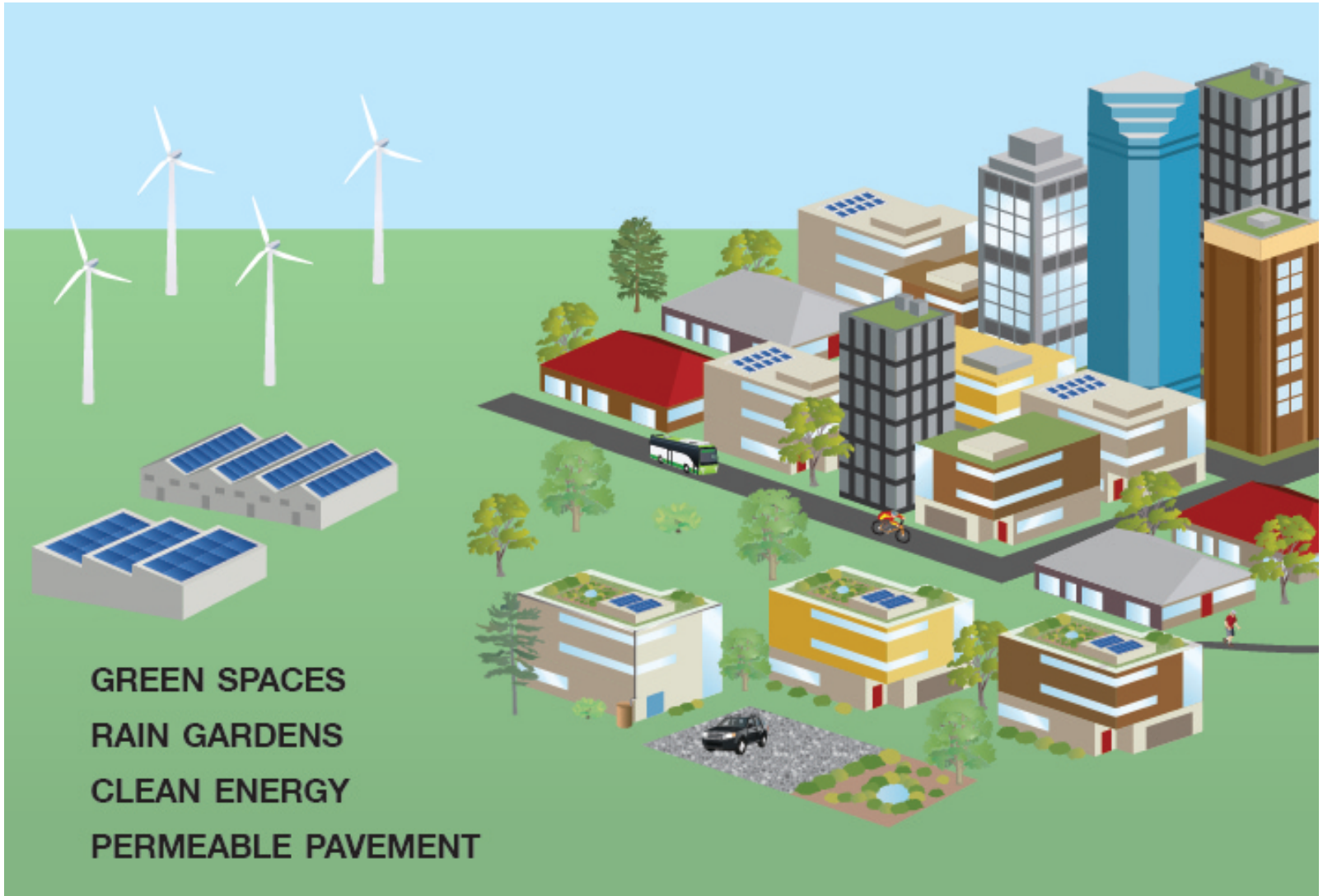
How do we assess progress & success?

Maryland Coastal Adaptation Report Card: Current Phase

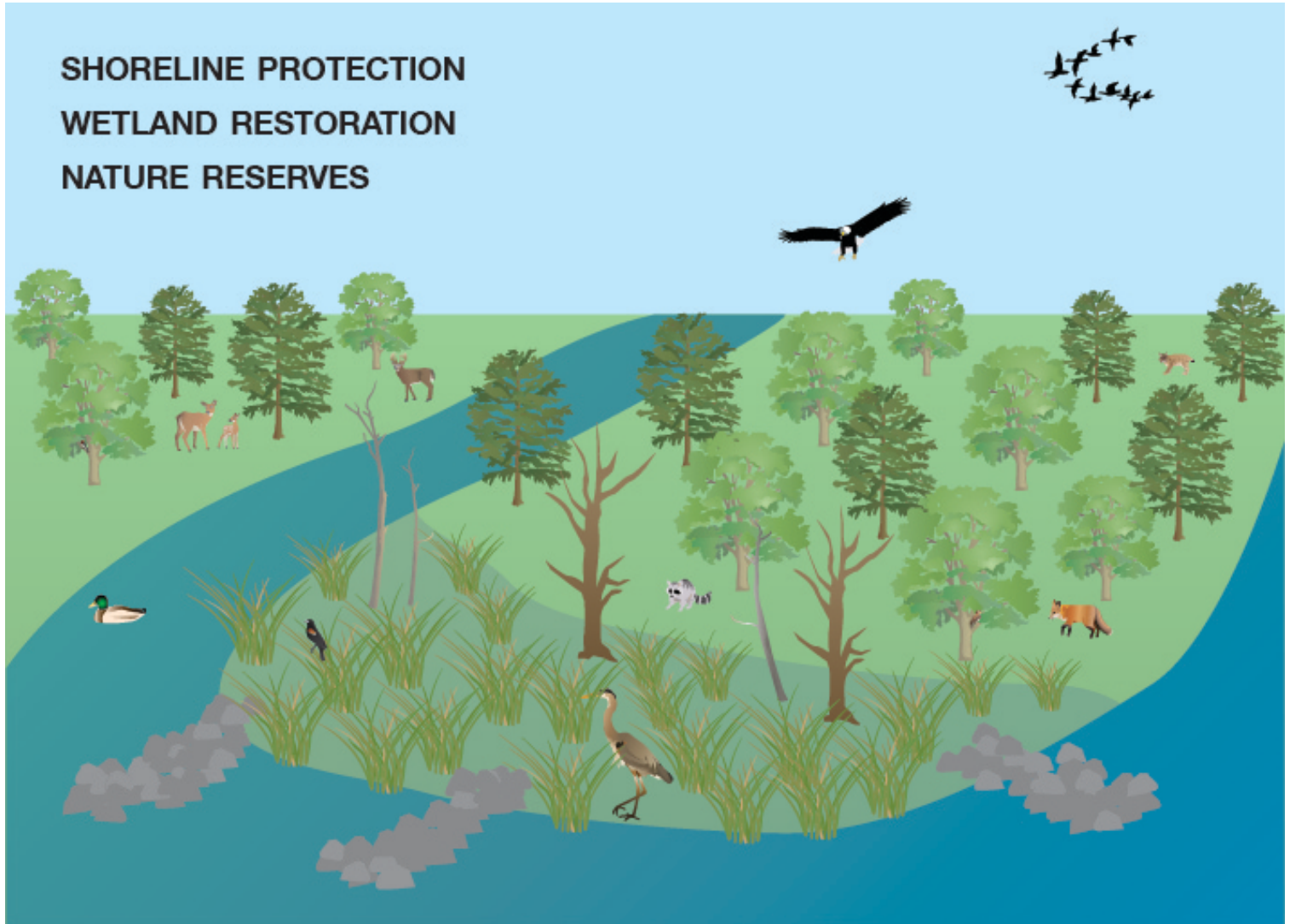
Existing metrics: 4 categories

- Development and physical infrastructure
- Ecosystem restoration and management
- Disaster preparedness and response
- Public education and engagement

Indicator Categories:
Development & physical infrastructure

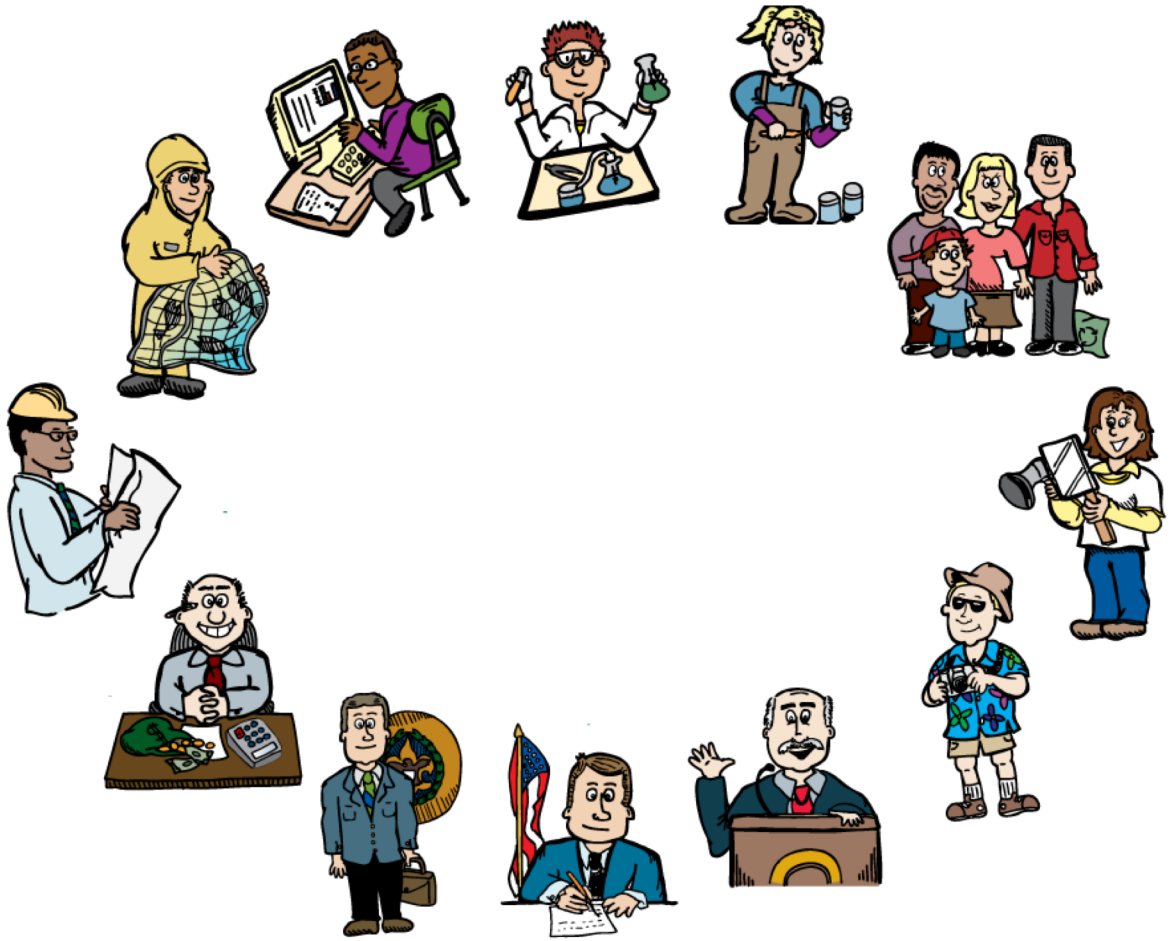


Indicator Categories:
Ecosystem restoration & management

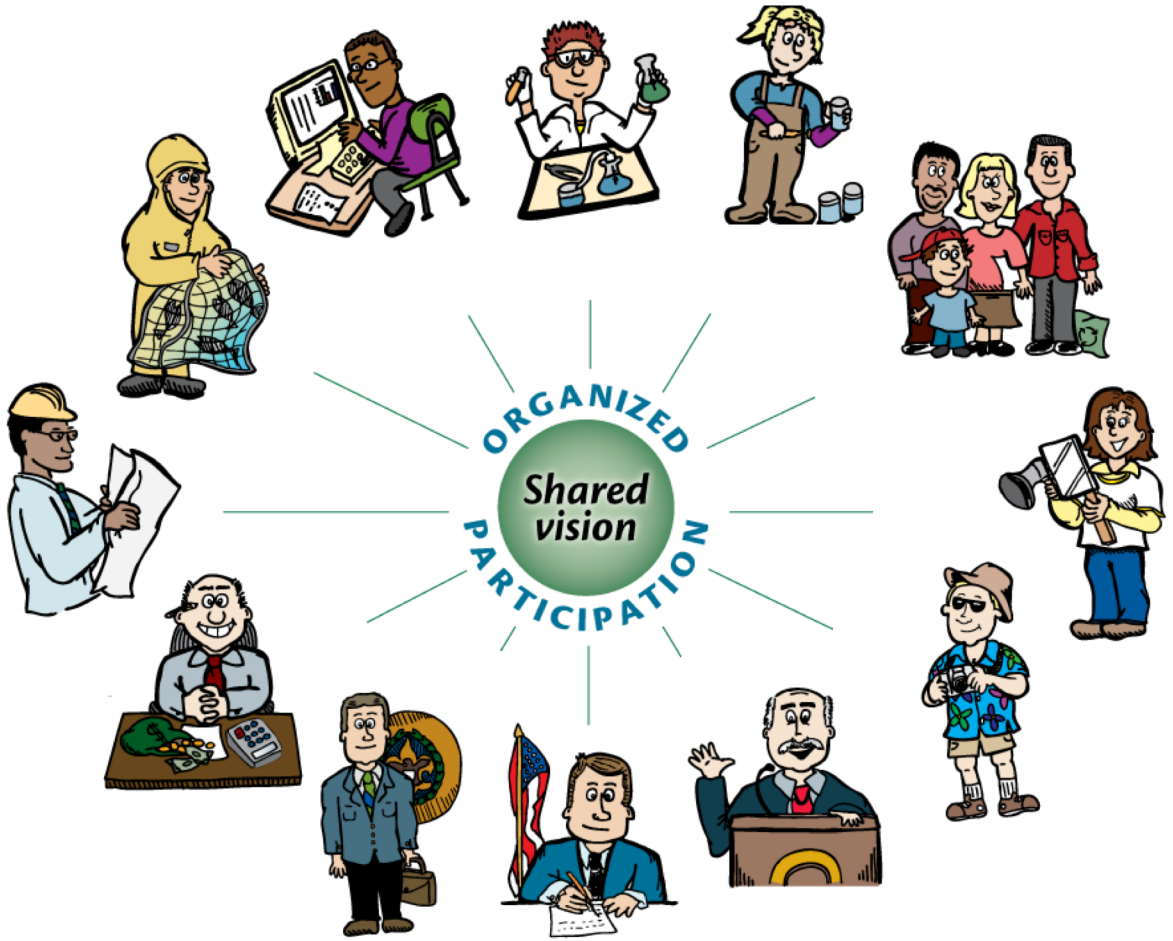


Indicator Categories:
Disaster preparedness & response

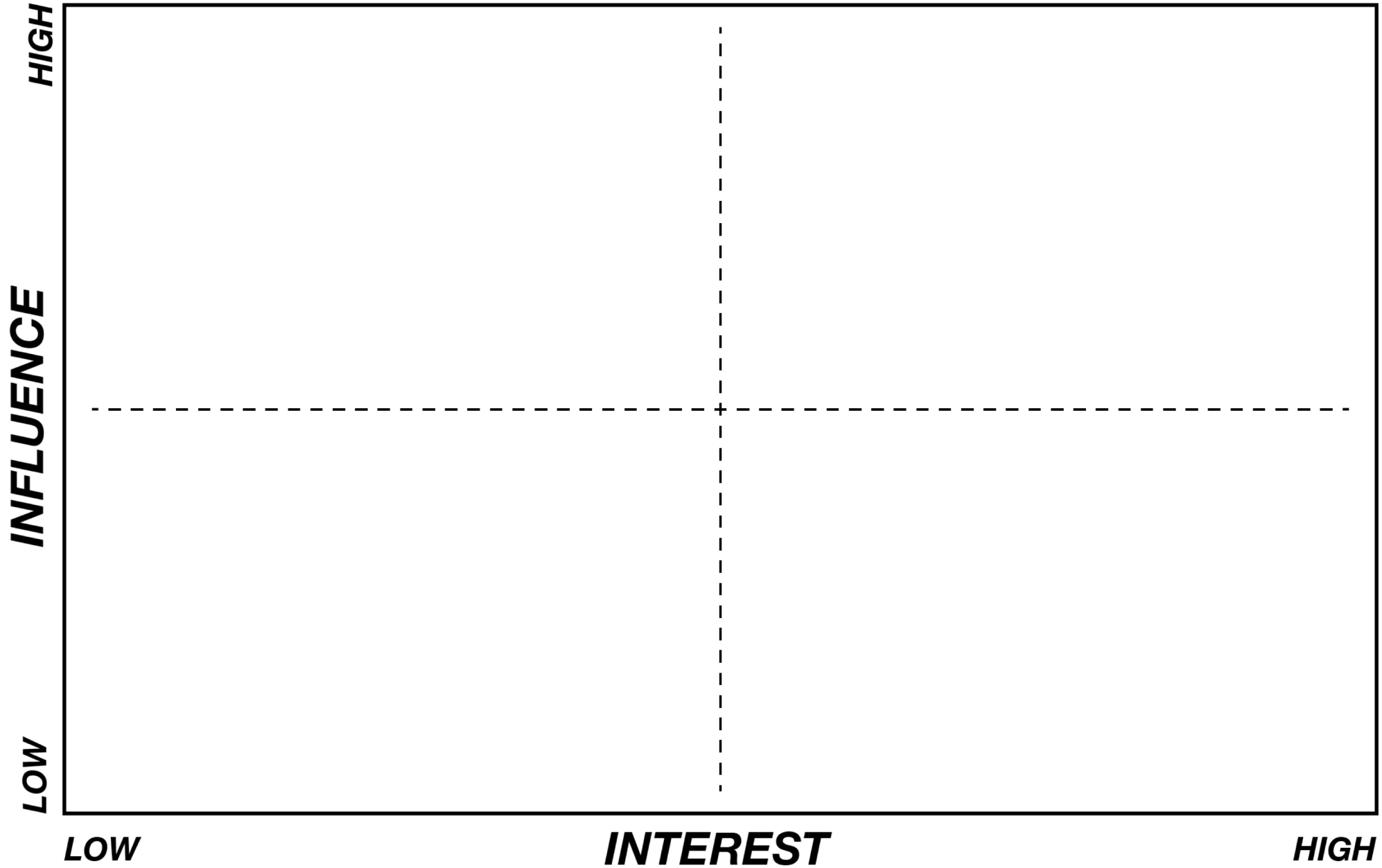
Indicator Categories:
Public engagement and education



Public engagement and education -> Our Process



Maryland Coastal Adaptation Report Card: Current phase



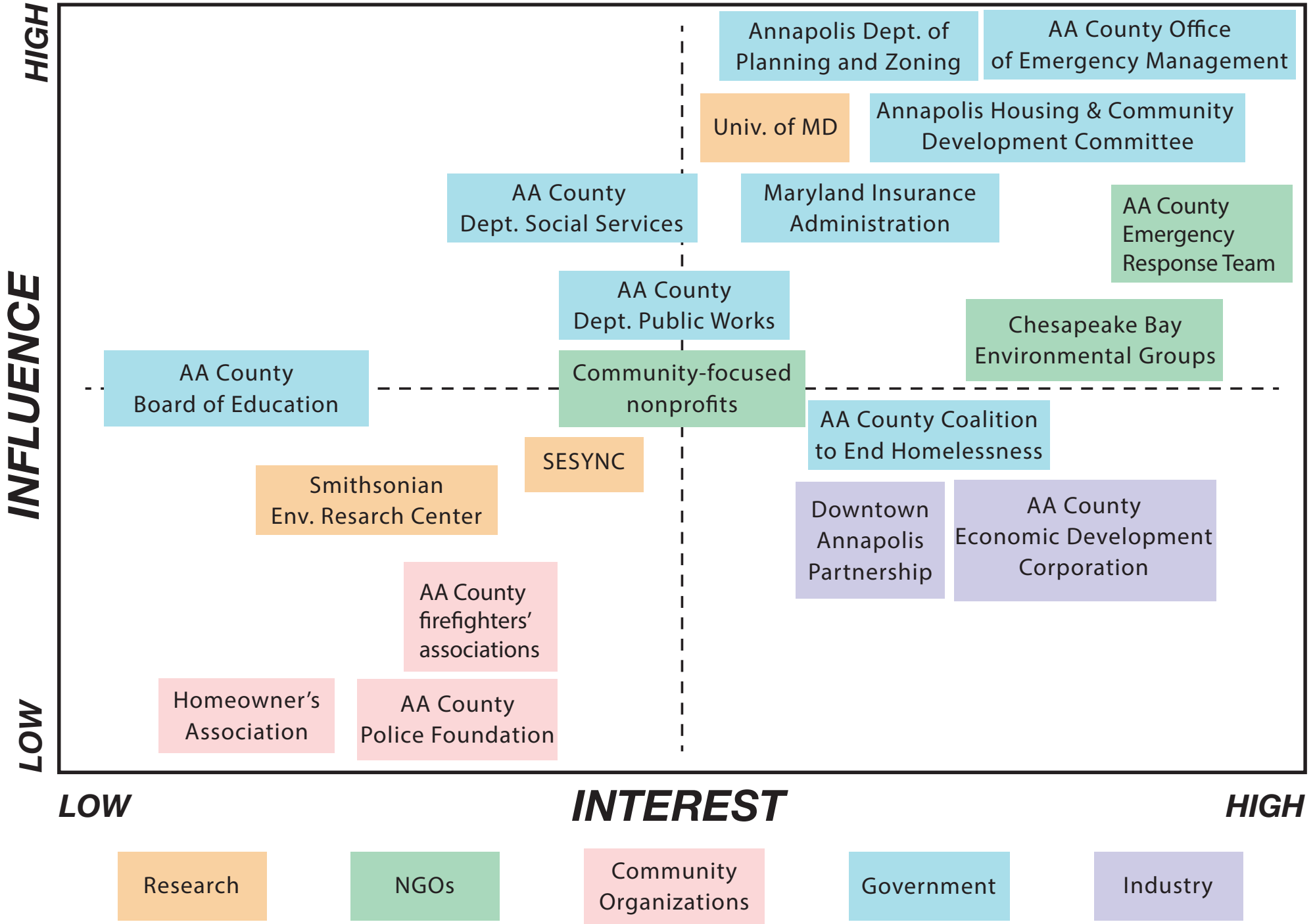
Research

NGOs

Community Organizations

Government

Industry


HIGH
INFLUENCE
LOW
LOW
INTEREST
HIGH
Annapolis Dept. of Planning and Zoning
AA County Office of Emergency Management
Univ. of MD
Annapolis Housing & Community Development Committee
AA County Dept. Social Services
Maryland Insurance Administration
AA County Emergency Response Team
AA County Dept. Public Works
Chesapeake Bay Environmental Groups
AA County Board of Education
Community-focused nonprofits
AA County Coalition to End Homelessness
SESYNC
Smithsonian Env. Resarch Center
Downtown Annapolis Partnership
AA County Economic Development Corporation
AA County firefighters' associations
Homeowner's Association
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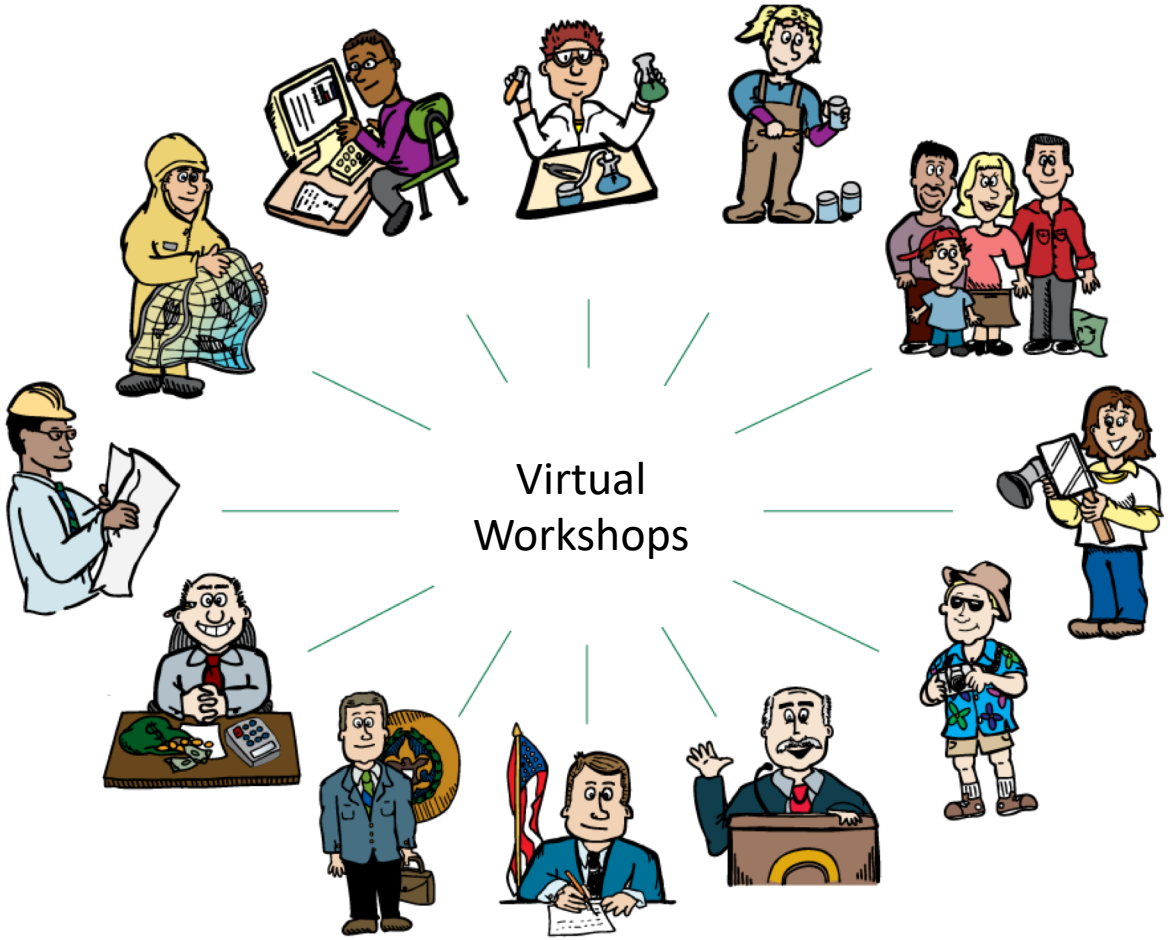
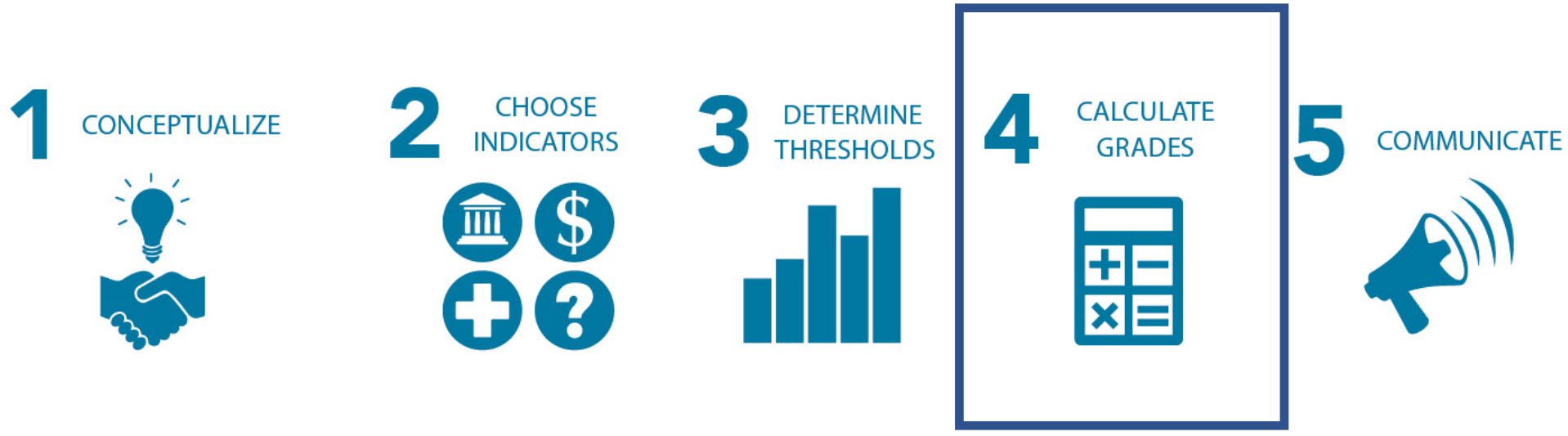
Engage stakeholders: Virtual Workshops

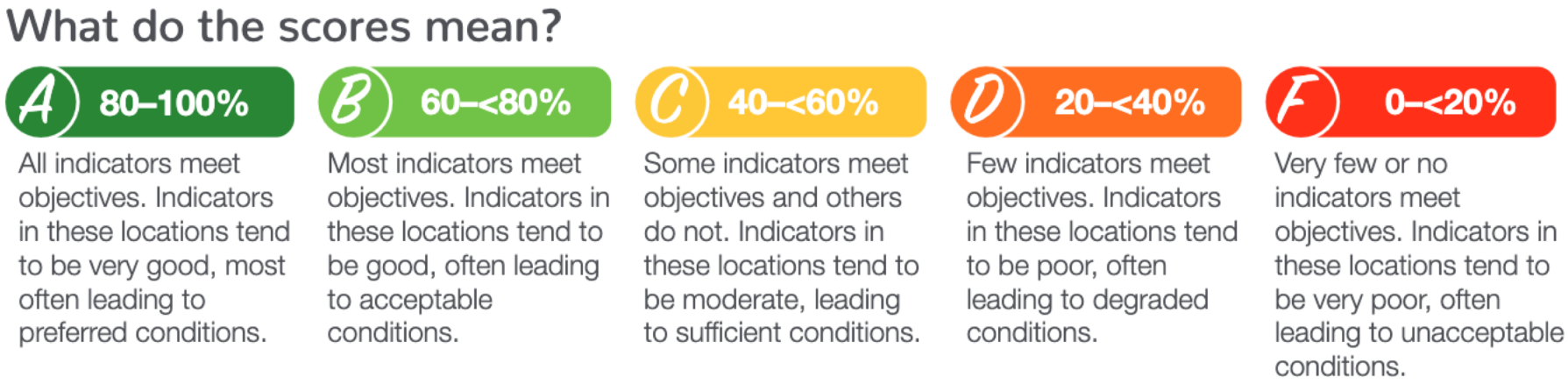


Maryland Coastal Adaptation Report Card: Next phase

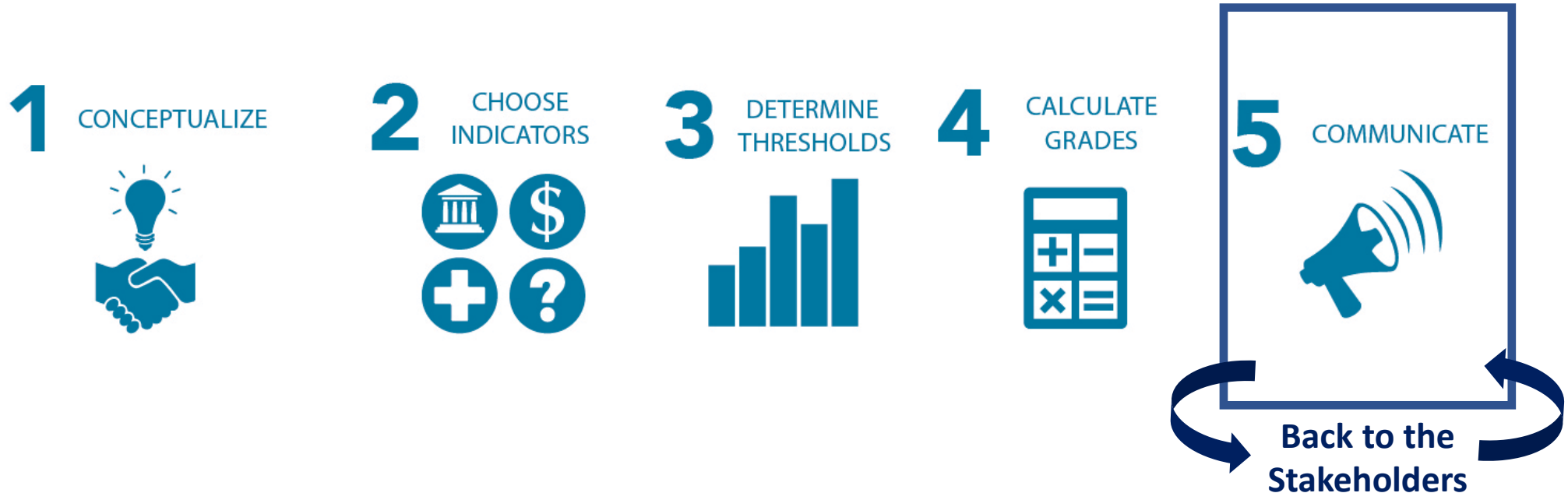


Calculating Scores

- Score current condition against threshold/target condition
- Convert to number/letter grade



Maryland Coastal Adaptation Report Card: Final phase



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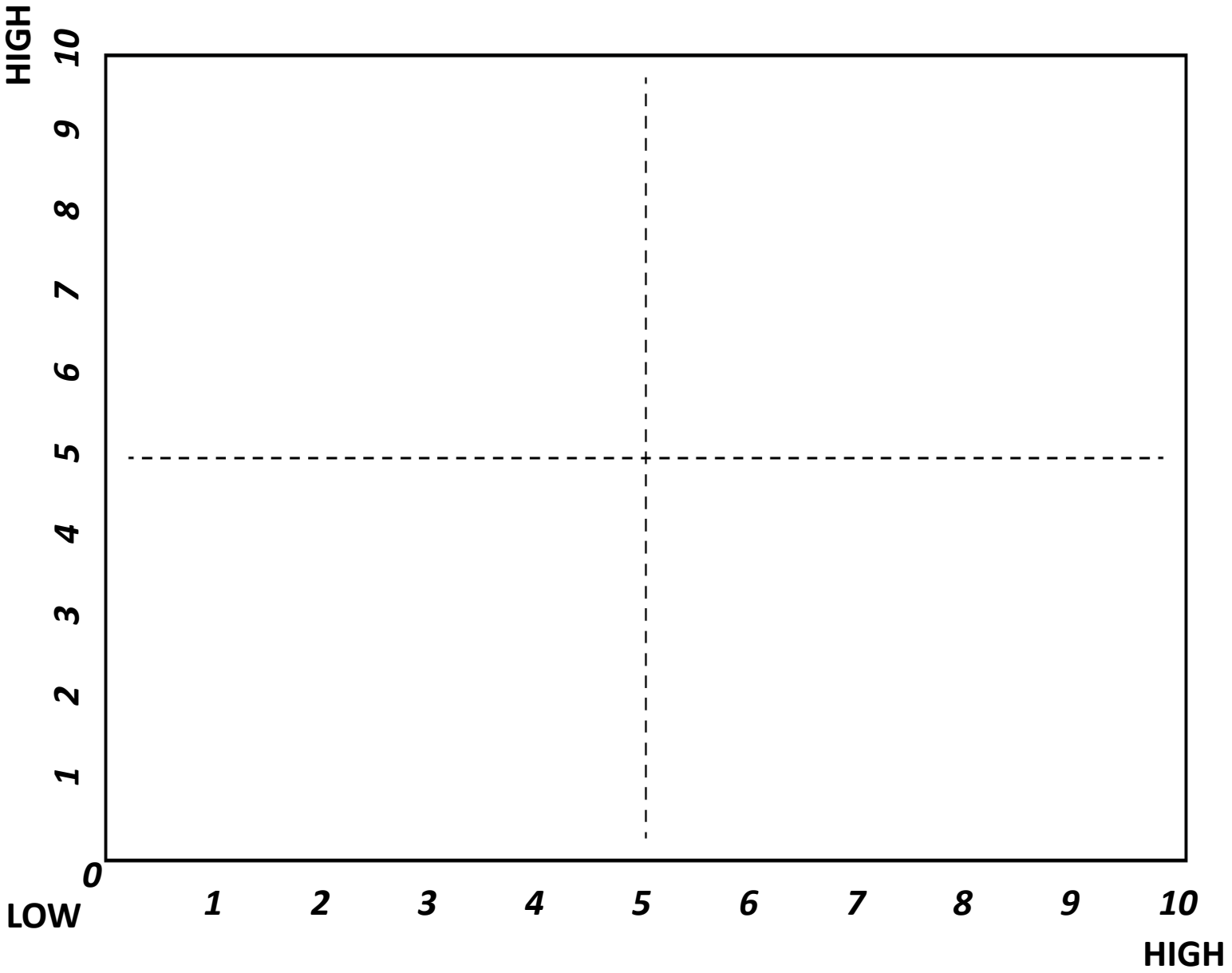

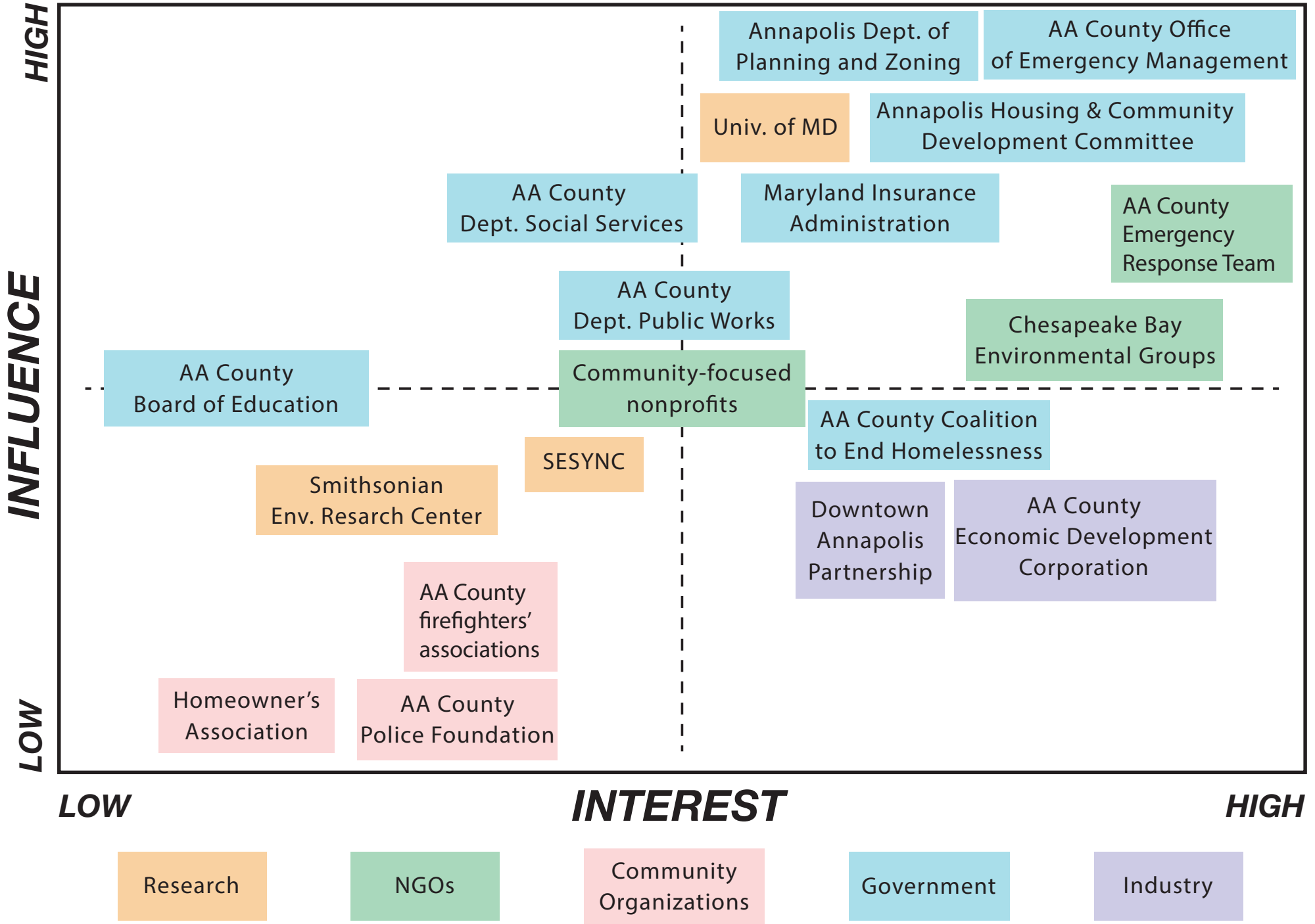
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Research
NGOs
Community Organizations
Government
Industry

Thank you!

- Please look for our email!
- Questions, comments, and suggestions?

Katie May Laumann, Project Manager

klaumann@umces.edu