Social Media: @ClimateOfficers #ClimateSmart

September 11, 2017



Institutionalizing Climate Change into Decision-Making

Developing a Strategic Plan for Building Capacity in Maryland State & Local Governments

Daniel Kreeger

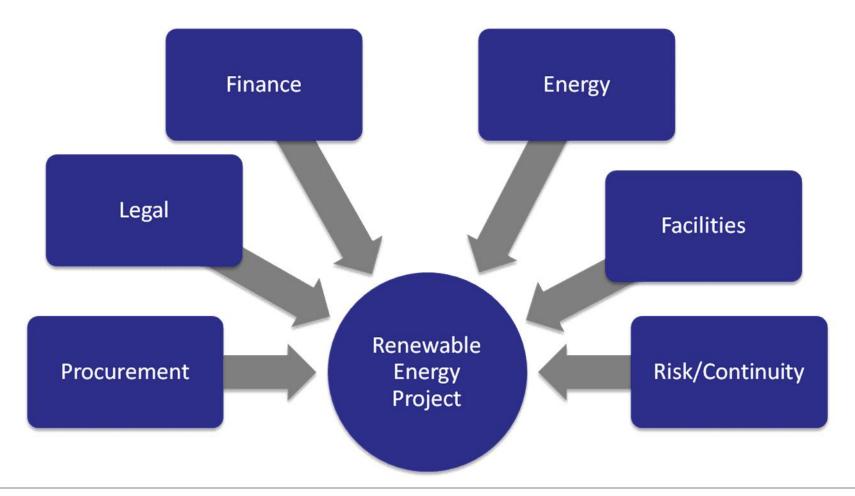
Executive Director, Association of Climate Change Officers

Learn. Collaborate. Advance.





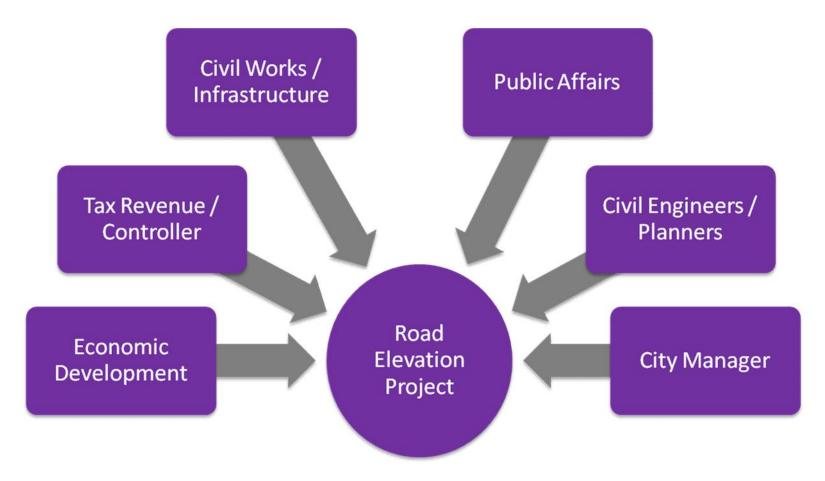
Sample Renewable Energy Project: Who's Involved







Sample Road Elevation Project: Who's Involved







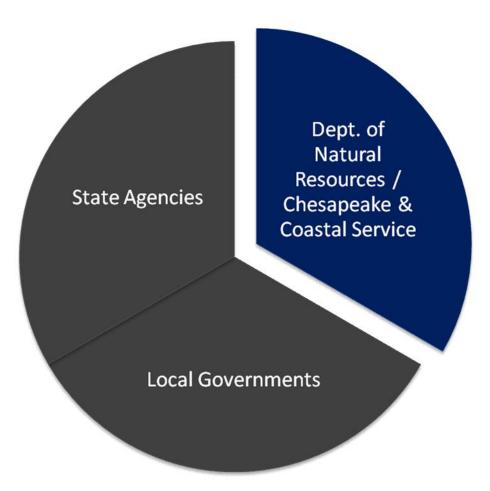
Who Needs to Know What?

Foundational Knowledge	Organizational Knowledge &	Strategic Execution
& Skills	Experience	Competencies
 Science Literacy Environmental and Economic Literacy Understanding of the Policy Landscape Management Acumen 	 Strategic Planning Decision-Making Compliance & Enterprise Risk Management Asset Management Value and Supply Chains Communications and Corporate Social Responsibility Governance 	 Enterprise Risk Mitigation Supporting Change Within the Organization Stakeholder Engagement Reaching Beyond the Organization



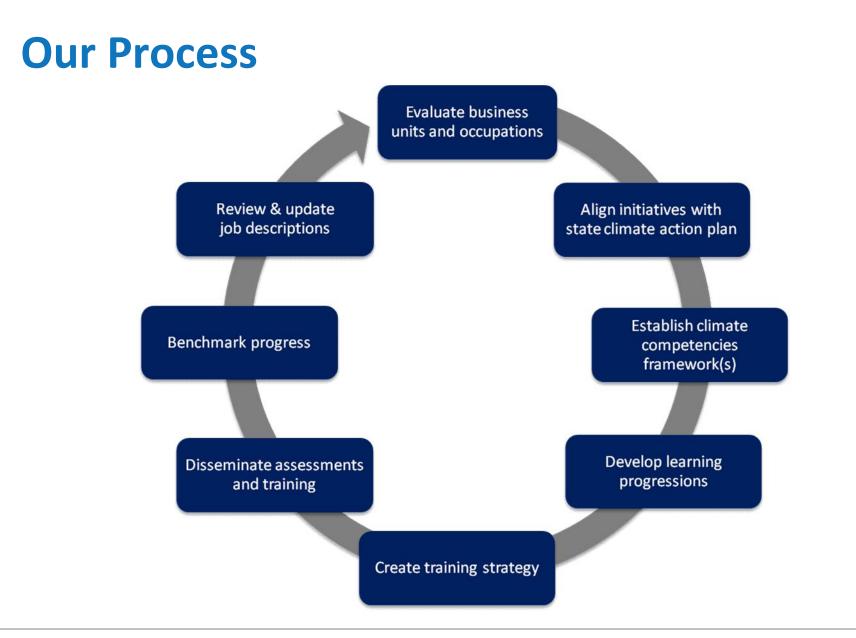


Building Climate Competencies in Maryland Leadership





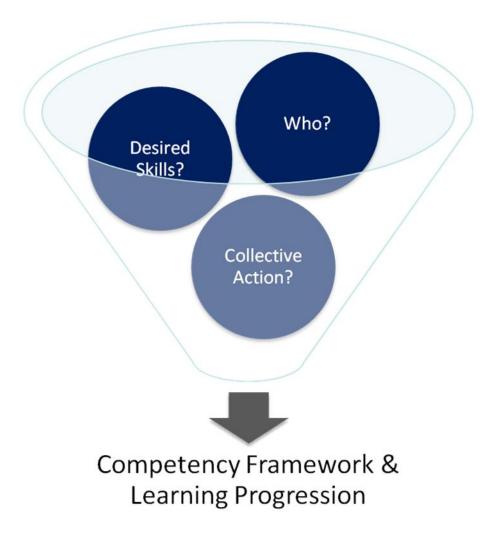








Evaluating Business Units

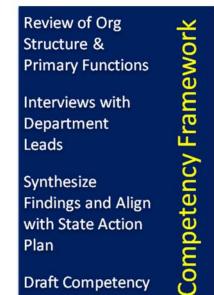






Phase One (2017)

1a.



Draft Competency Framework for Each Department

Review with Department Leads

Finalize

Establish Pre- requisite and Sequencing of Competency Development	gression
Determine Course Volume & Delivery	rning Pro
Develop Competency Assessments	o. Lear
Deploy Foundational Course Modules	11







Interim Training Requirements (2017)

Foundational Learning (Pt. 1)

Climate-101: Understanding Climate Science & the Latest Projections

Climate-103: The Basics of Sea Level Rise and Impacts on Coastal Assets & Infrastructure

Climate-104: The Public Health Implications of Climate Change

Climate-201: Identifying Climate Hazards & Conducting Vulnerability Assessments Provide downscaled climate change models and projections for the mid-Atlantic and Maryland leveraging data in the latest National Climate Assessment.

Using tools such as the Climate Resilience Toolkit and NOAA Digital Coast Viewer to inform decision-making GHG-101: Basics of GHG Accounting, Reporting & Disclosing GHG Emissions

2)

Foundational Learning (Pt.

GHG-102: Fundamentals of the Energy, Water & Food Nexus

GHG-201: Establishing GHG Reduction Goals & Management Structures



Maryland Adaptation & Resilience Working Group Institutionalizing Climate Change into Decision-Making September 11, 2017

C&CS Retreat Workshop



Phase Two (2018)

Framewor

Competency

<u>1a.</u>

Review of Org Structure & Primary Functions

Interviews with Department Leads

Synthesize Findings and Align with State Action Plan

Draft Competency Framework for Each Department

Review with Department Leads

Finalize

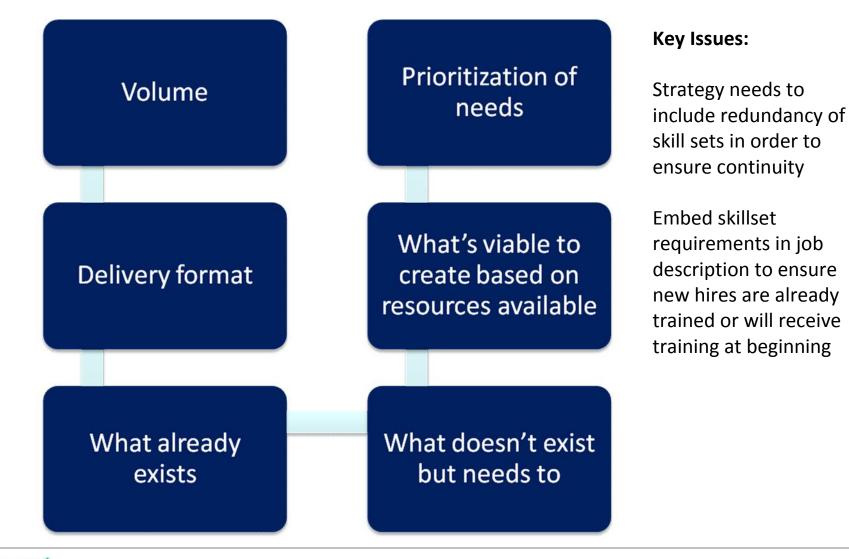
Establish Pre-	Ç
requisite and	<u>e.</u>
Sequencing of	SS
Competency	୍ୱ କ
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Determine Course	
Volume &	Ø
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Assessments	ġ.
Deploy	H
Foundational	
Course Modules	







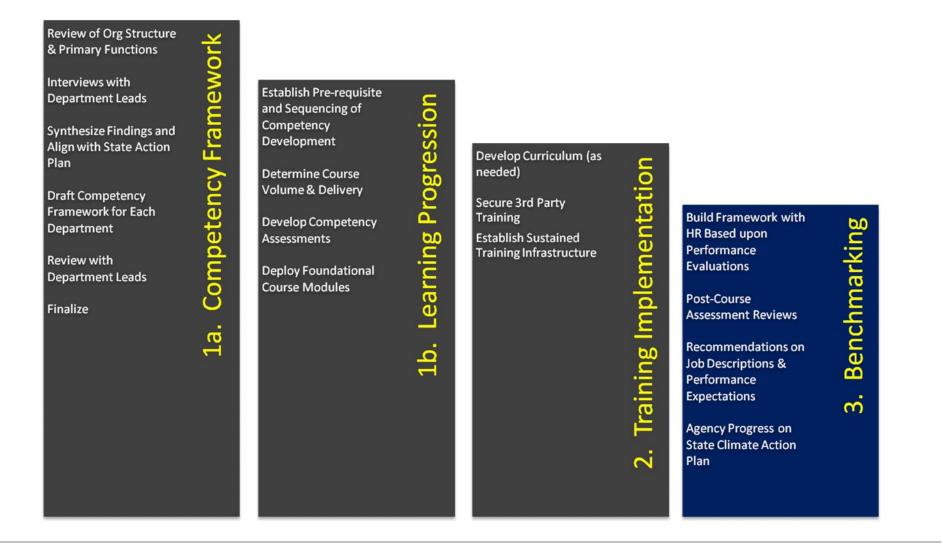
Training Development







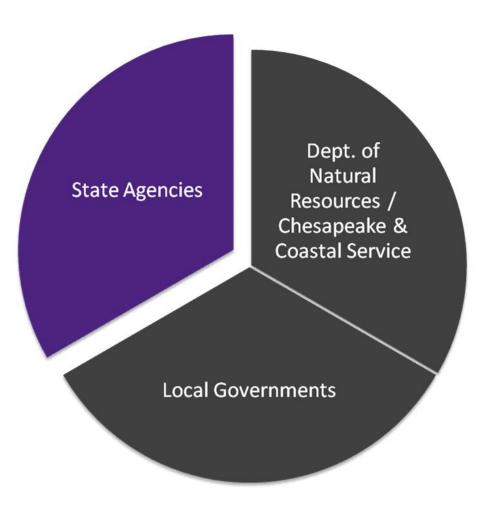
Phase Three (2018)







Building Climate Competencies in Maryland Leadership







Building Capacity in Other State Agencies

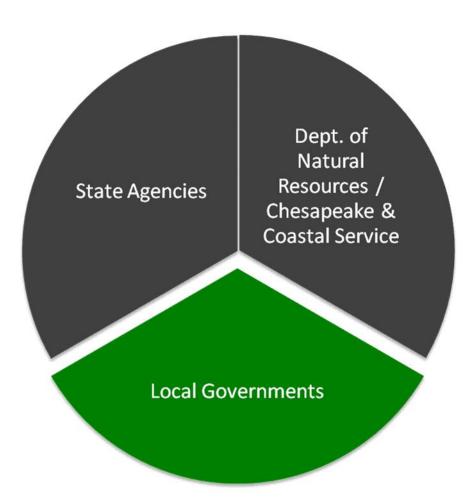
Establish a Replicable Process through DNR

DNR & ACCO Personnel as Resources Interagency Working Groups





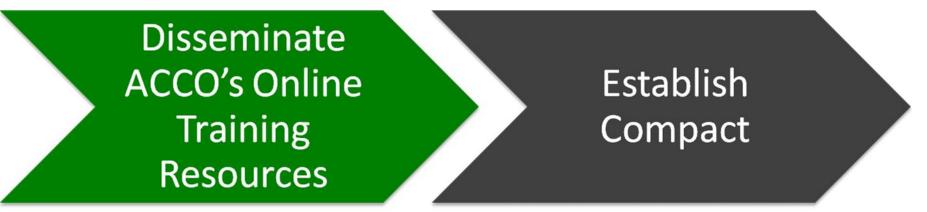
Building Climate Competencies in Maryland Leadership





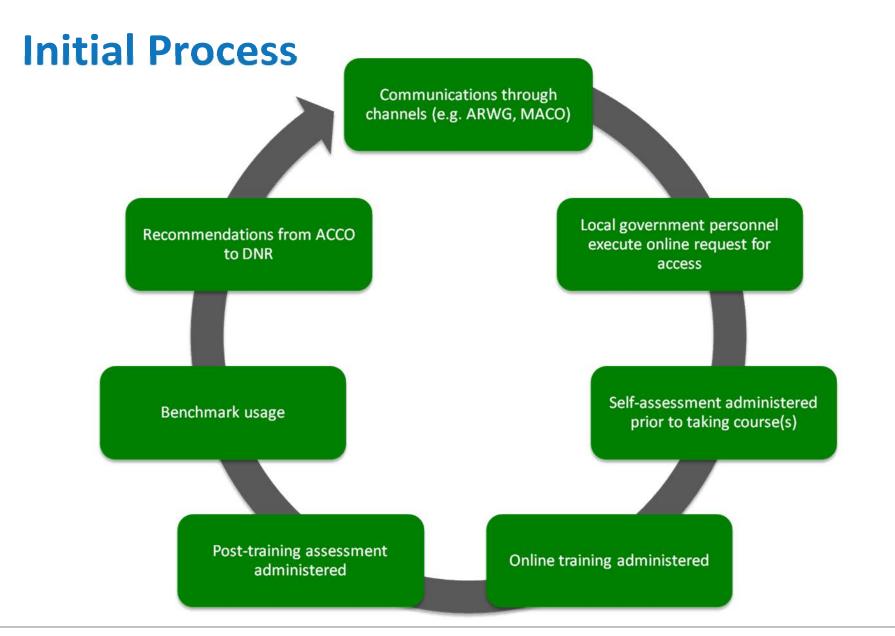


Engaging Local Gov't & Building Capacity













How it Works

Institutional leaders commit to participate in the Maryland 2040 Initiative, working together with the support of third-party organizations to drive meaningful actions.



• Engage in groupwide

meetings, training events and

public engagement activities

Provide funding and in-kind

support as appropriate

- Announce plan or goal publicly and provide updates on implementation
- Share lessons learned with peer members



makers

• Participate in the network

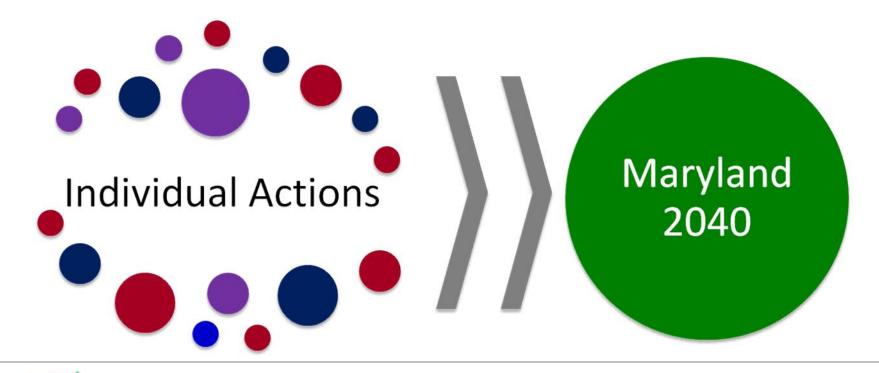
• Establish measurable

commitments



Establishing the Maryland 2040 Initiative

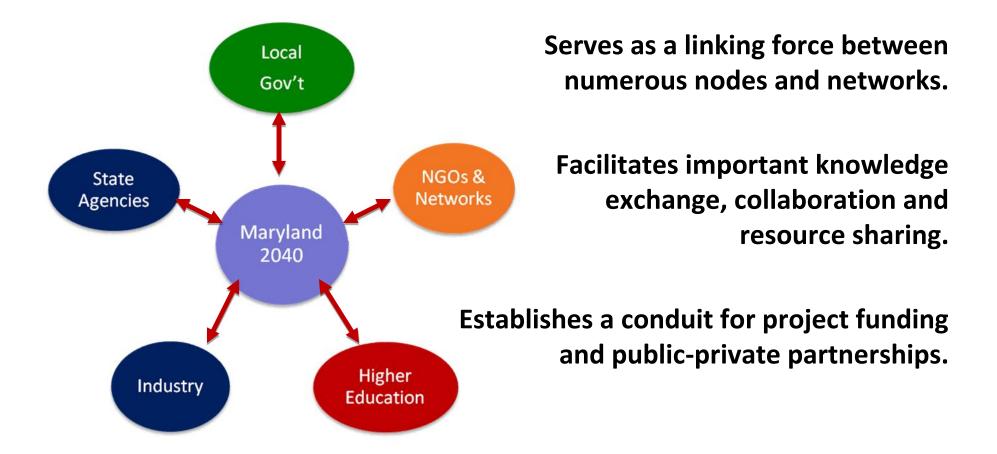
Ensures that state agency, city and county efforts to address climate change, resilience to extreme events and grow a clean energy economy throughout Maryland will be greater than the sum of their individual efforts







The Role of the Maryland 2040 Initiative: Building Capacity & Linking Nodes







Compact of Maryland Governments







Why This Approach?

- Structure facilitates and enables participation at all levels and across sectors in a safe, neutral environment
- Participants are required to attend training activities by their leadership
- Ensures capacity building is taking place in critical decision-making roles
- Enables participants to help one another through shared experiences, resources and partnership





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