



NDCEE

National Defense Center for Energy and Environment

Building Institutions for Regional Sustainability

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Building Institutions

Joint Regional Flag Officer Council
Washington Military Sustainability Partnership



SERPPAS
Southeast Regional Partnership for Planning and Sustainability

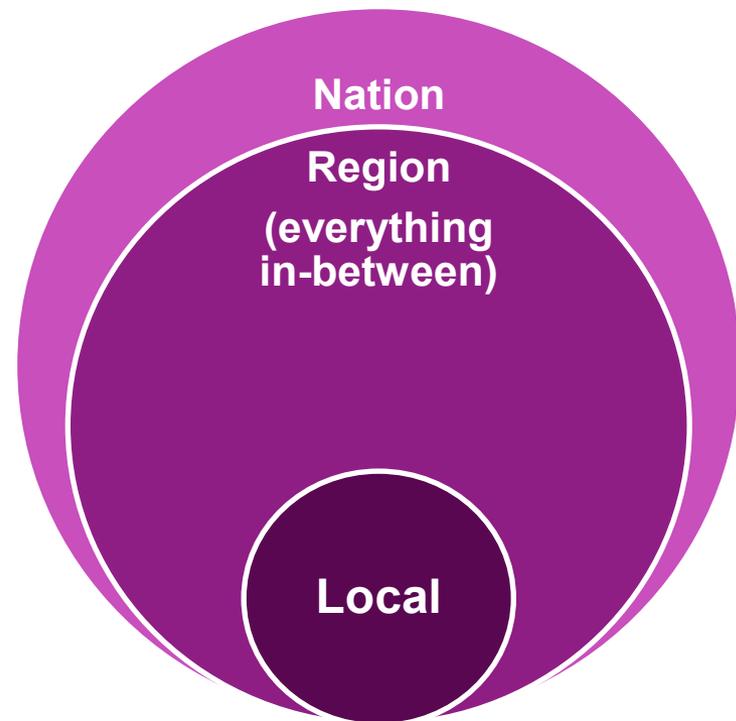


SAN DIEGO REGIONAL
SUSTAINABILITY PARTNERSHIP



Building Institutions for Regional Sustainability

- Why Sustainability at a Regional Scale?
- Cases of Institution Building
- Typology
- Challenges
- Implications



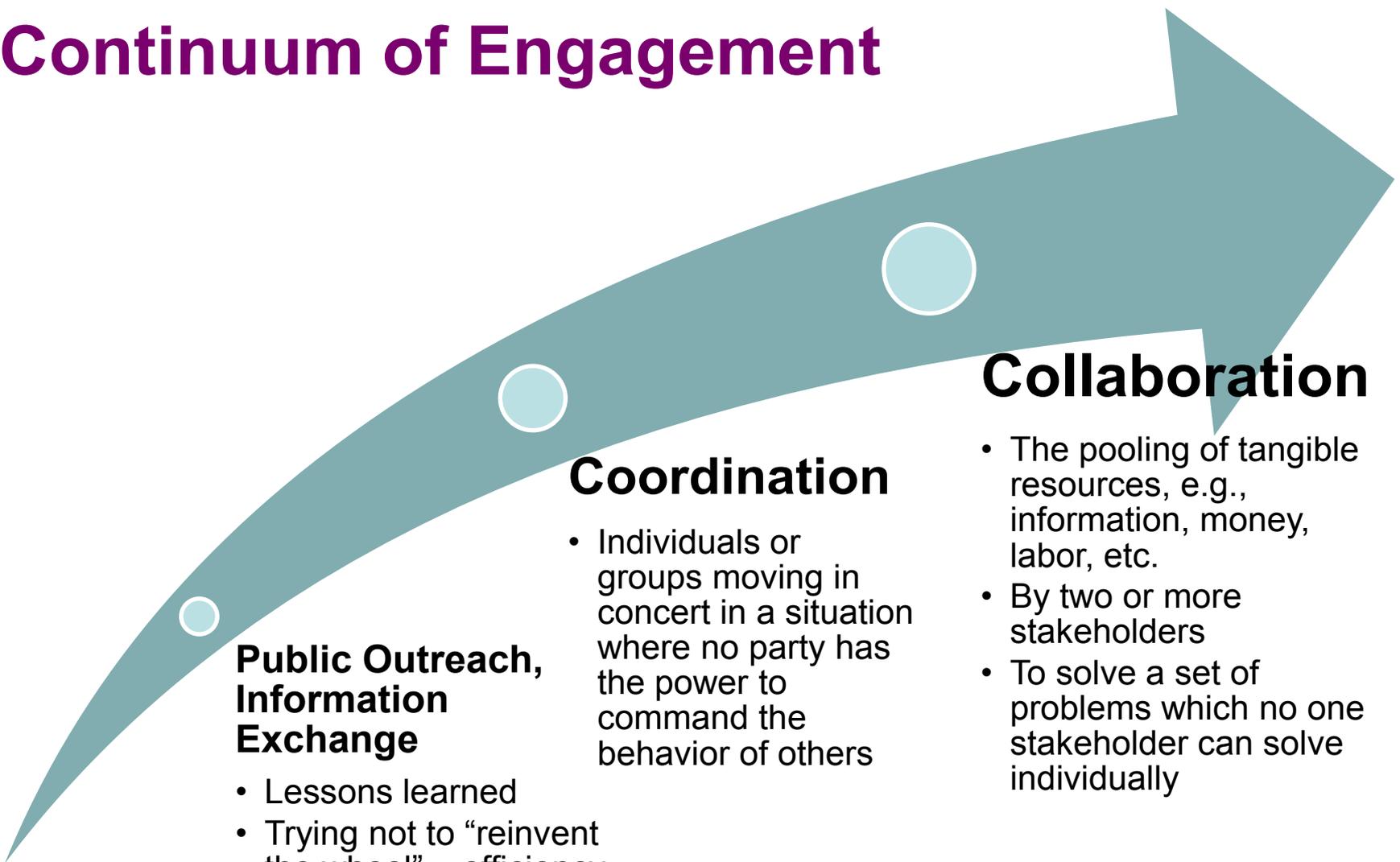
Sustainability Drivers

- Triple Bottom Line Plus – mission, environment, and community + economics
- Systems Thinking – multiple scales; address the problem at the appropriate scale, recognize the linkages
- Natural Resource Scarcities – water supply, water quality, air quality, land, habitat
- Encroachment – compatible land use, threatened & endangered species, safety zones, noise and smoke buffers
- Economies of Scale – drive the market; often markets do not yet exist

Policy Drivers

- *Sustainment of Ranges and Operating Areas, DoD Directive 3200.15*
- *National Defense Authorization Act (NDAA) for Fiscal Year 2003, Congress authorized Section 2684a of Title 10 United States Code (10 U.S.C. § 2684a)*
- *Regional Environmental Coordinators (REC) and Regional Environmental Offices; DoD Instruction 4715.2, DoD Regional Environmental Coordination*

Continuum of Engagement



Public Outreach, Information Exchange

- Lessons learned
- Trying not to “reinvent the wheel” – efficiency and effectiveness

Coordination

- Individuals or groups moving in concert in a situation where no party has the power to command the behavior of others

Collaboration

- The pooling of tangible resources, e.g., information, money, labor, etc.
- By two or more stakeholders
- To solve a set of problems which no one stakeholder can solve individually

Source: Wondolleck & Yaffee, 2000

What is an “Institution”?

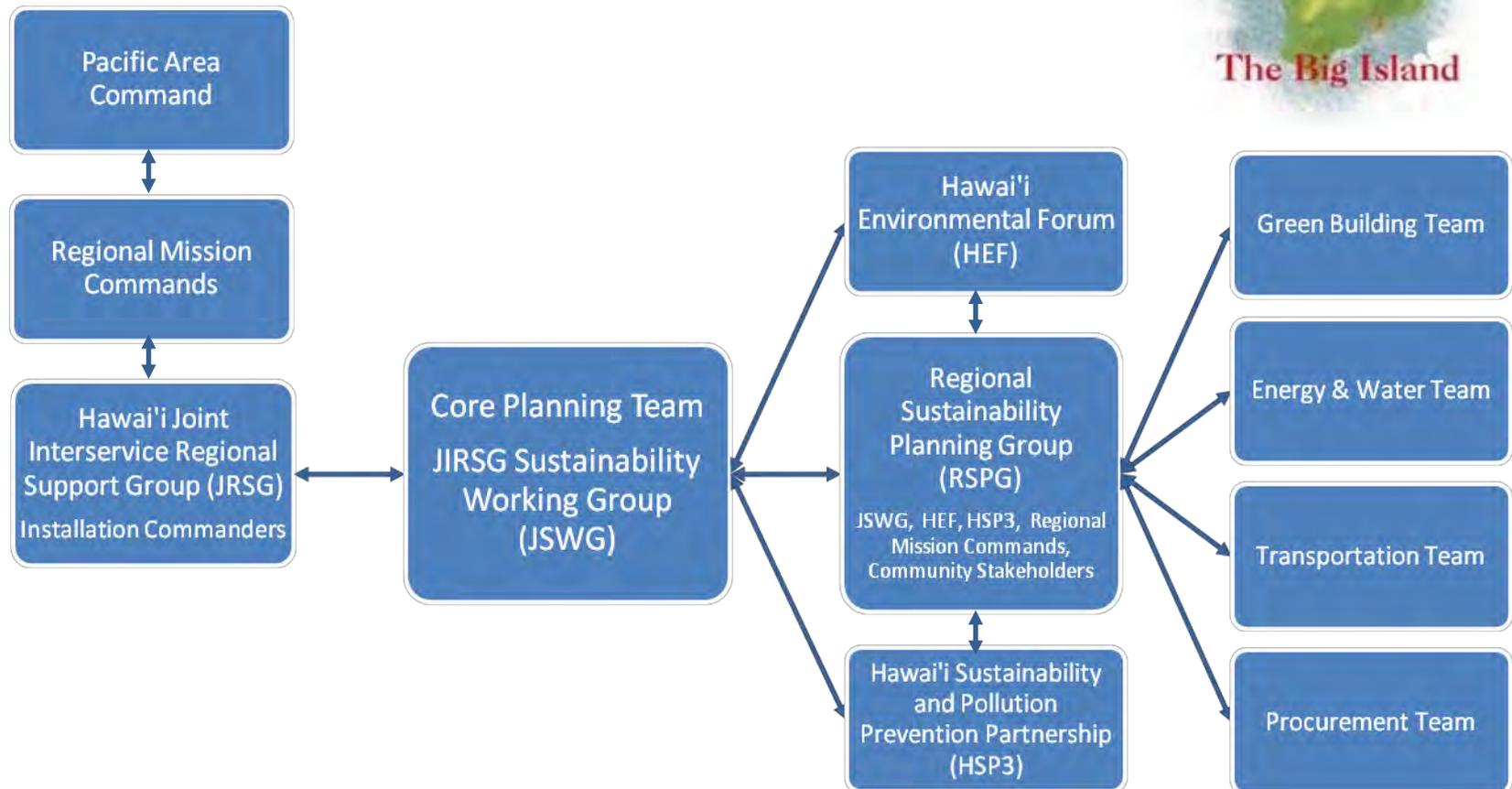
- Structures and mechanisms
- Social order and cooperation
- Governing the behavior of a set of individuals
- Identified with a ***social purpose*** and ***permanence***
- Transcending individual lives and intentions
- Making and enforcing of rules

Source: Wikipedia

Core Planning Team

- Central planning and implementation entity
- Has most responsibilities for implementing the regional sustainability initiative
 - Contributes resources (time, material, personnel, or dollars)
 - Manages logistics (scheduling workshops, conducting briefings, directing projects)
 - Guides decision-making process; makes decisions
 - Promotes the effort to new partners in the region
 - Becomes champion for actions; identifies champions to carry on
- Membership will vary
- Link activities in the region under “sustainability”

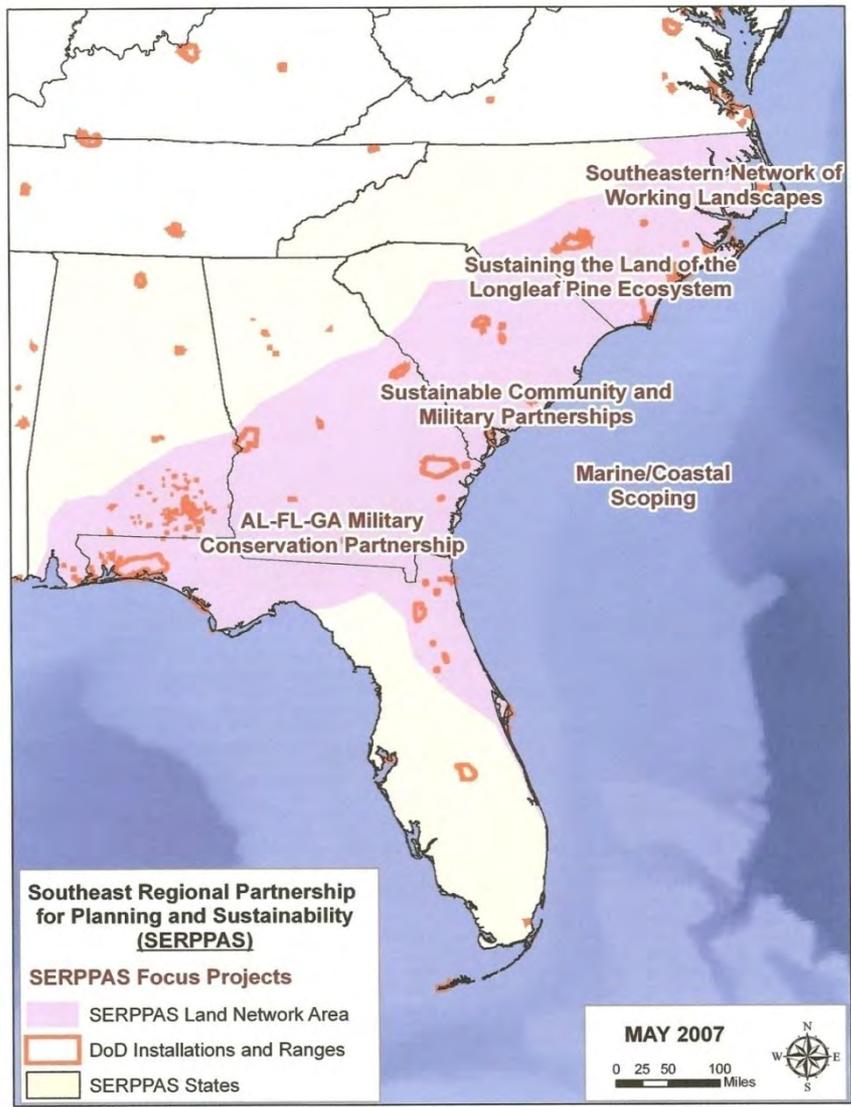
Hawai'i Regional Sustainability Initiative



Typology - Joint

Regional Sustainability Initiative Typology	Key Characteristics	DoD Role	Stakeholders
Joint	<ul style="list-style-type: none"> - Critical mass of DoD assets with recognition of mutual dependency - Existing DoD regional leadership group/council - Major sustainability issue(s) - Critical role in regional economy - Shared ecological resources 	<ul style="list-style-type: none"> - DoD initiated - DoD lead - DoD supported - DoD forms Core Planning Team 	<ul style="list-style-type: none"> - Services: Army, Navy, Air Force, Marine Corps - Coast Guard - Reserves - National Guard - Office of the Secretary of Defense - State-level environmental agencies - Community SMEs, nongovernmental organizations

Southeast Regional Partnership for Planning and Sustainability (SERPPAS)

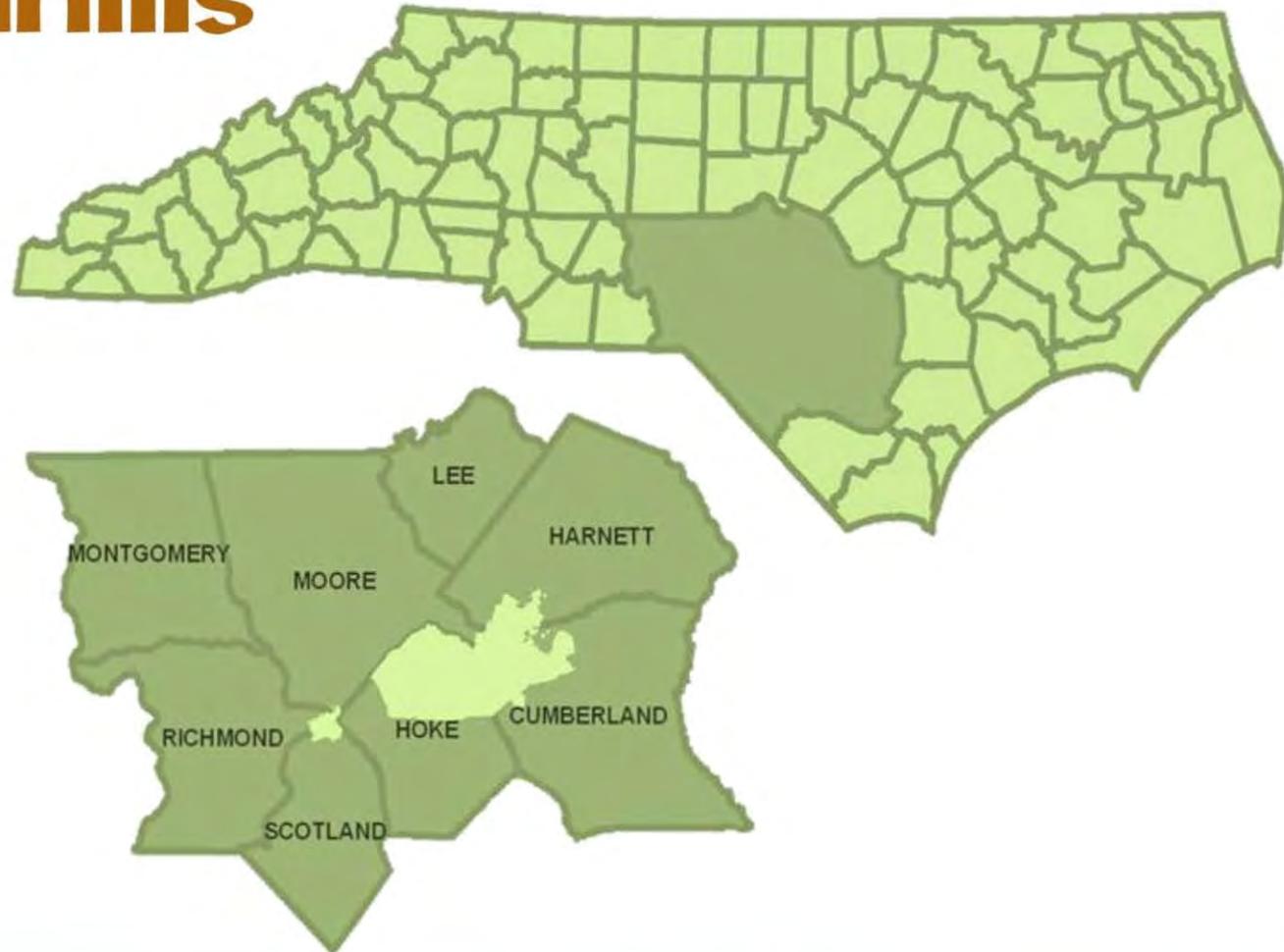


Typology - Collaborative

Regional Sustainability Initiative Typology	Key Characteristics	DoD Role	Stakeholders
Collaborative	<ul style="list-style-type: none"> - Significant assets by more than one Service (or jointly used) - Major sustainability issue(s) - Shared ecological resources 	<ul style="list-style-type: none"> - DoD initiated - Partnership lead - Partners jointly support/DoD contributes - DoD member of Core Planning Team 	<ul style="list-style-type: none"> - Services - State-level natural resource offices - Other federal agencies



Sustainable Sandhills



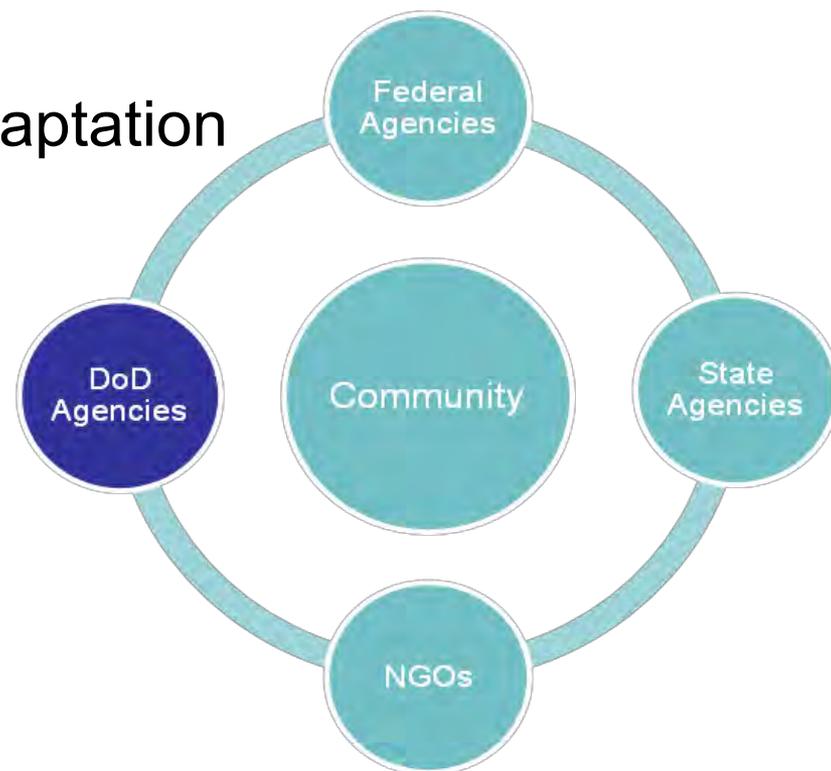
Typology - Community

Regional Sustainability Initiative Typology	Key Characteristics	DoD Role	Stakeholders
Community	<ul style="list-style-type: none"> - Significant asset by one Service (could be jointly used) - Major sustainability issue(s) - Shared ecological resources 	<ul style="list-style-type: none"> - Installation initiated with Community Partners - Community lead - Community & DoD supported - Core Planning Team composed of Non-profit Board of Directors - DoD member of planning teams as appropriate 	<ul style="list-style-type: none"> - Fort Bragg - Community activists - Local businesses - Local governments

Challenges

(adapted from Scholz & Stiffler, 2005)

- Problem Relevance & Responsiveness
- Representation
- Decision Process
- Organizational Learning & Adaptation
- Public Learning
- Institution Building



Implications

- Getting it started is the “easy” part – **longevity** is the trick:
 - Relevancy
 - Resources
 - Leadership
- Far too early to tell if new institutions will lead to positive change
- Need will continue to drive innovation
- Need to learn from experience to guide where is this going next

References

- Scholz, J.T. & Stiftel, B. (eds) (2005) *Adaptive Governance and Water Conflict: New Institutions for Collaborative Planning*, Washington, D.C.: Resources for the Future
- San Diego Regional Sustainability Partnership <http://www.sdrsp.org/>
- Southeast Regional Partnership for Planning and Sustainability <http://www.serppas.org/>
- Sustainable Sandhills <http://www.sustainableandhills.org/>
- Western Regional Partnership <http://www.wrpinfo.org/news.aspx>
- Wondolleck & Yaffee (2000) *Making Collaboration Work: Lessons from Innovation in Natural Resource Management*, Washington, D.C.: Island Press
- Definition of “Institution” drawn from Wikipedia: <http://en.wikipedia.org/wiki/Institution>

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