

Proposal: To Improve Climate Change
Strategy Implementation Through
Strategy Based Planning and
Knowledge Management



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Climate Change Process Revealed:



- No systematic sharing of data and plans between agencies
- No systematic or comprehensive community status or planning
- No systematic study of State and federal agency plans, programs, or projects in community, region, or statewide
- No method for modeling or evaluating emerging or alternate policies

Disconnected Strategic Planning



- Eliminating Tobacco-Related Disparities
- Alaska Workforce Investment Board
- Alaska Works Initiative
- Alaska Diabetes
- Division of Public Health
- Alaska State Troopers
- Injury Prevention Plan
- Traffic Records
- State Employment and Training Program
- Emergency Medical Services for Children
- Division of Sport Fish
- Highway Safety
- Future Workforce
- Gasline Training
- Information Resources
- Fire Standards
- Arthritis and osteoporosis
- Division of Alcoholism and Drug Abuse
- Mental Health Trust Beneficiaries
- Alaska Psychiatric Institute
- Behavioral health
- Long term care
- Oral Health
- State Library
- Women's, Children's and Family Health
- Statewide cost plan
- Statewide Transportation
- Homeland Security
- Alaska Infant Learning Program
- Professional Development
- Wolf Management
- Emergency medical services
- Statewide Suicide Prevention Council
- Enterprise Security
- Alaska Strategic Performance Unit
- Arctic Development Council
- Alaska Economic Development Corporation
- Rural Communities
- Strategic Education Technology
- Wildlife Conservation
- Salmon Research
- State Health Care
- Alaska Vocational Technical Center
- Salmon Enhancement
- Senior Services
- Wildlife Conservation
- Faith-based and Community

Dispersed Data



Transportation

Mapping

Census

Research

Natural
Resources

Climate

Communications

Environment

Demographics

Tax base

Health

Grants

Capital
Projects

Private
Investment

Economic
Indicators

Jobs

Questions?



- How does the Governor ensure progress on Climate Change Strategy by all departments?
- How can climate change policies under consideration be tested/validated before decision?
- How do departments coordinate (and deconflict) strategic planning?
- How can State find savings and efficiencies in outyear plans, programs, and projects for climate change adaptation across all departments?
- What data are available or needed for informed decision-making and monitoring/evaluation of progress?

What we need:



- **Integrated plans across departments and programs**
- **Unified data collection to monitor or evaluate progress**
- **Modeling to test assumptions and detect unintended consequences**
- **Systematic coordination/collaboration with all State and federal agencies, communities, and other stakeholders**

Climate Change Strategy Implementation Requires Two Essential Elements



- **Strategy based planning**
- **Knowledge management**

Strategy Based Planning



- **Governor's Climate Change Strategy drives policies, programs, plans, budget formulation and execution**
- **Uniform assumptions on inflation, economic conditions, workforce, maintenance**
- **Complex issues analyzed for roles and actions across all departments**
- **Interagency collaboration at all stages**
- **Continuous monitoring and evaluation from inception through execution**
- **Decision opportunities before budget year**

Knowledge Management



- **Comprehensive status of communities**
 - Condition and plans of critical infrastructure (Schools, power plants, fuel storage, airfields, clinics and more)
 - Health and other social indicators
 - Weather forecasts and climate predictions
- **Universal access to public information**
- **Links to state, federal, academic databases – static and dynamic**
- **Platform for complex analysis of disparate information**
- **State and federal activities and funding on grants and projects**

Supporting Processes



- **Data**
Identify and link disparate data
- **Analysis**
Determine relationships and interdependencies between departments, programs, and projects
- **Integration**
Unified State doctrine, priorities and strategy
- **Modeling**
Examine policy and outcome alternatives
- **Monitoring**
Assure progress on State priorities

Continuous Examination



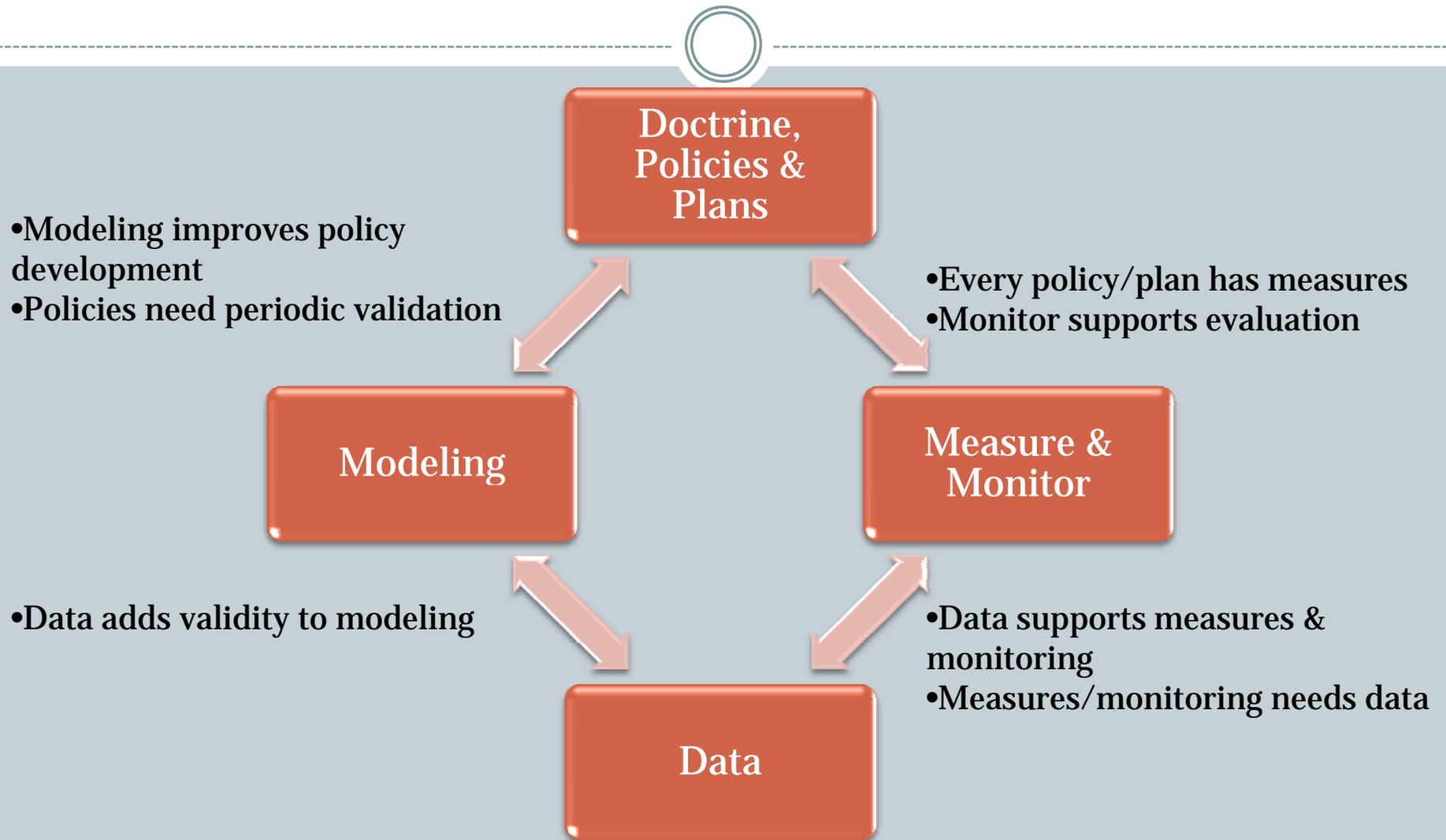
- Proper role of government
- Precedents, priorities, and policies
- Efficiency and effectiveness of government
- Interdependencies of State and federal agencies and programs
- Opportunities for economic development
- Quality of life for families and communities
- Economies of scale in government operations and contracting

Examples of Products



- Total grants, contracts, and transfer payments to any community from all sources
- Condition of all public infrastructure and plans to repair, replace, renovate, relocate
- Consolidated schedule and milestones of projects within a community or region.

Four Interlocking Components



Concurrent lines of Implementation

