Office of the Secretary of Public Safety and Homeland Security

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Governance and Federalism

- Securing the Commonwealth using programs that are:
  - Realistic
  - Sustainable
  - Meaningful
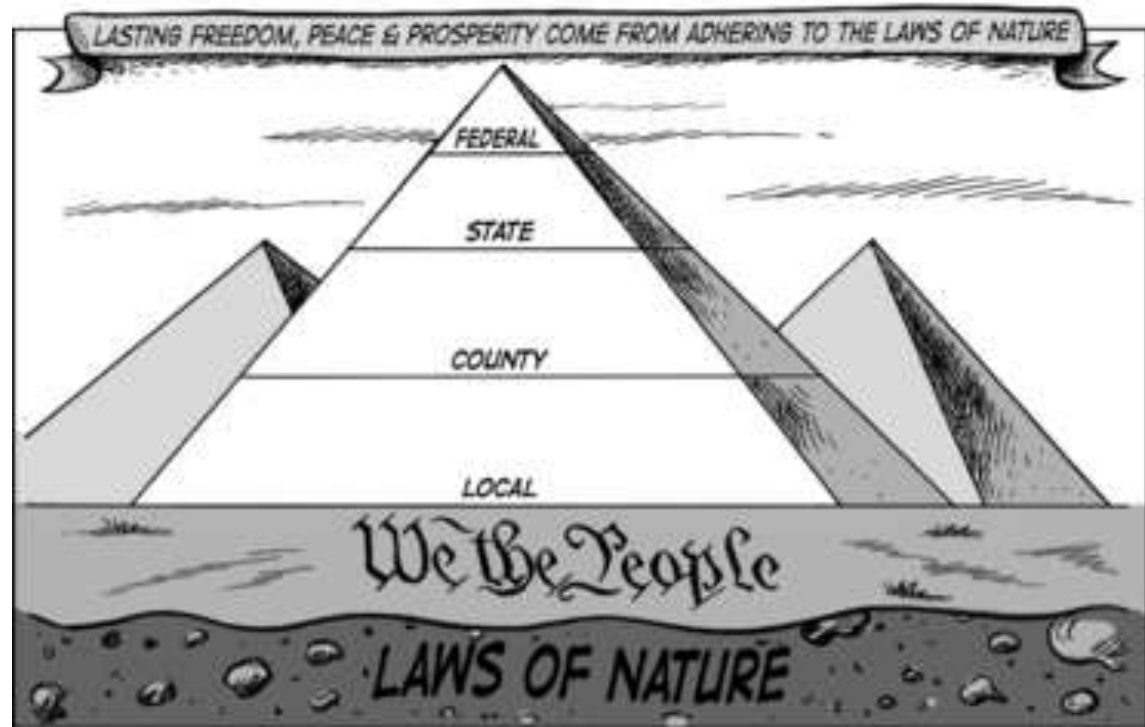
OFFICE OF THE SECRETARY OF PUBLIC SAFETY & HOMELAND SECURITY

D³M
DATA DRIVEN DECISION MAKING

Secretary of Public Safety and Homeland Security

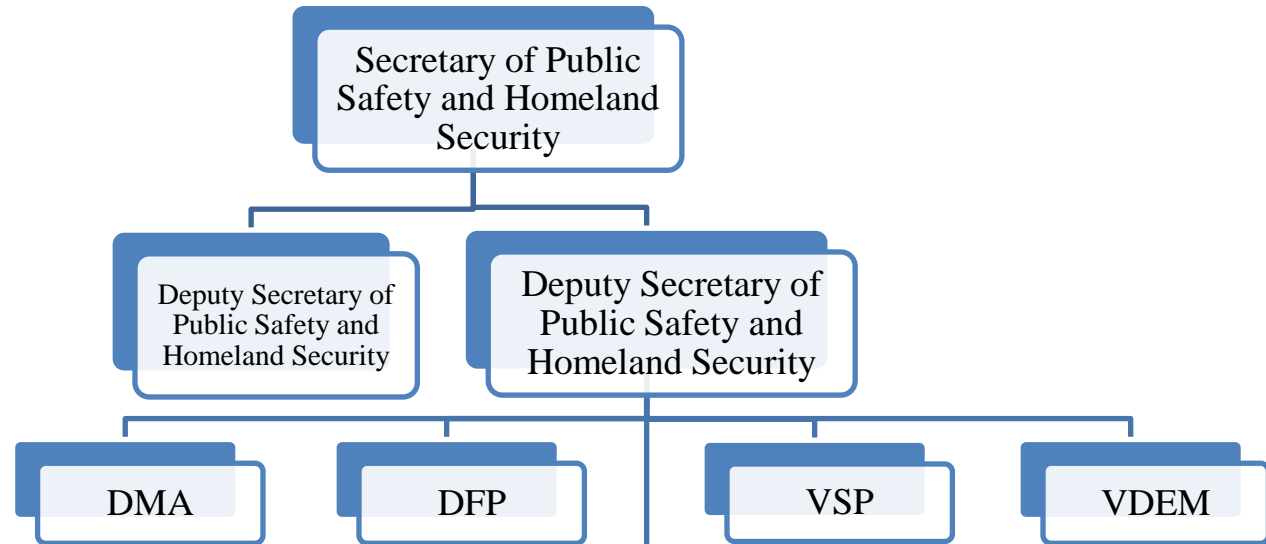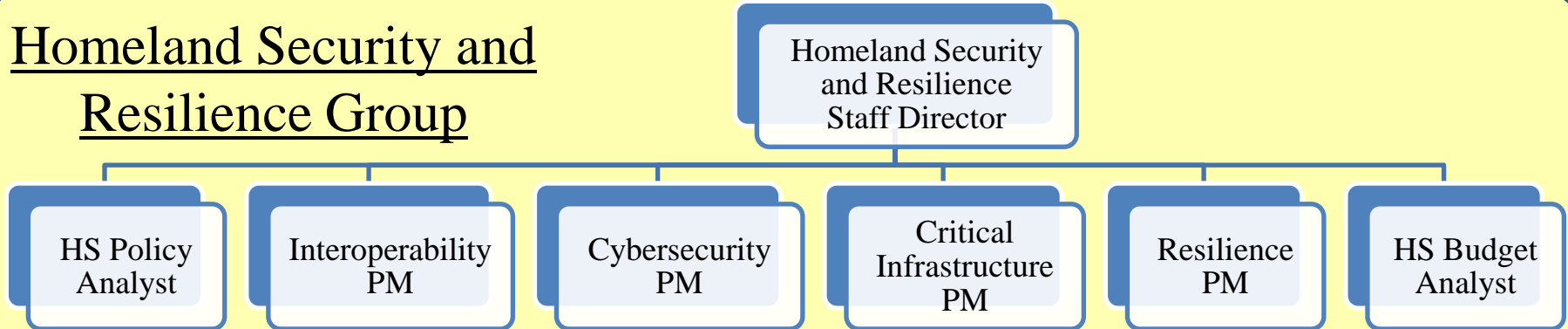Deputy Secretary of Public Safety and Homeland Security

Deputy Secretary of Public Safety and Homeland Security

DMA

DFP

VSP

VDEM

Homeland Security and Resilience Group

Homeland Security and Resilience Staff Director

HS Policy Analyst

Interoperability PM

Cybersecurity PM

Critical Infrastructure PM

Resilience PM

HS Budget Analyst

PM-Program Manager

Resilience: the ability of a community to withstand, rapidly recover, and strengthen following the effects of an acute or chronic event or incident.

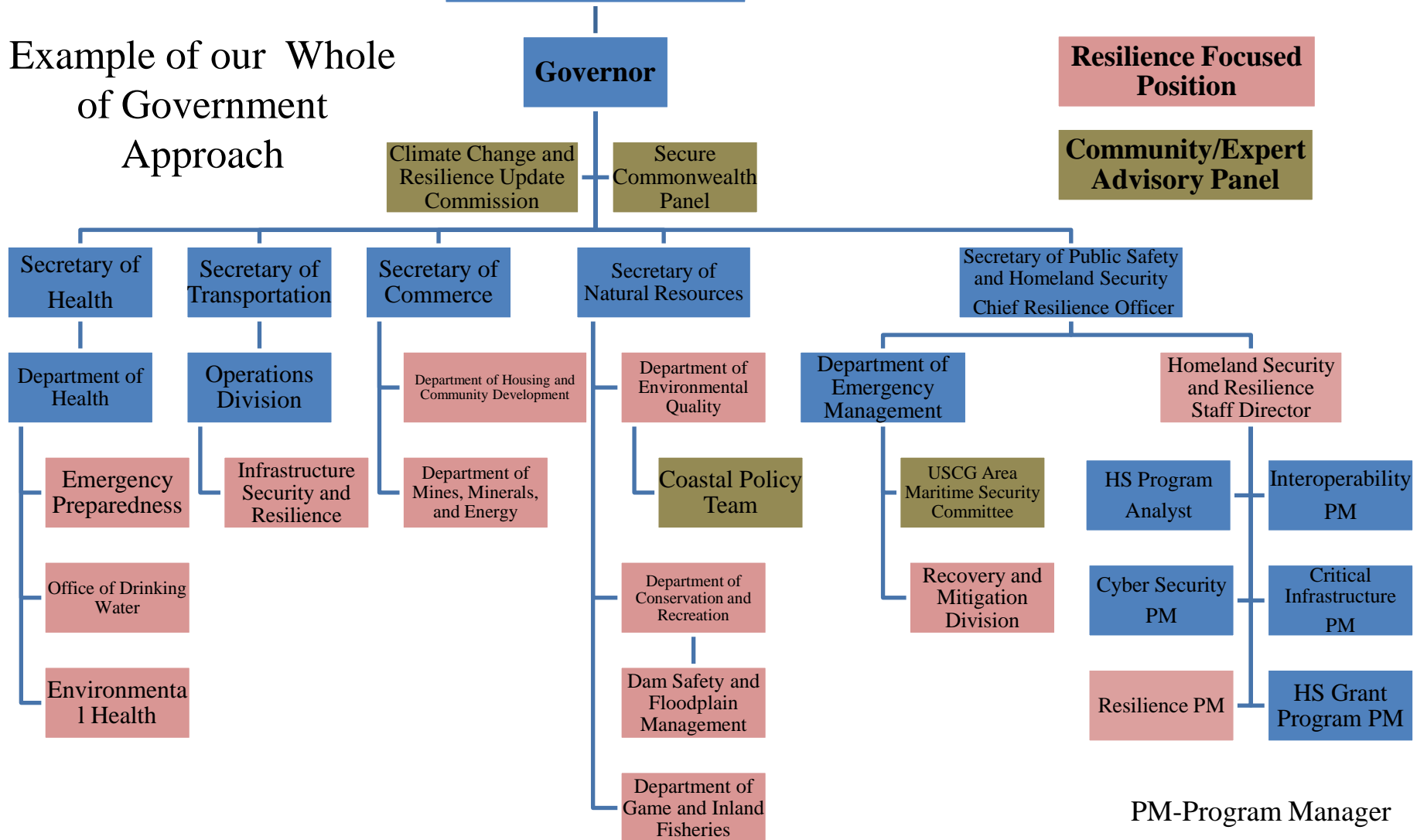Resilience demands a broad, multi-disciplinary, multi-competency approach

A Resilient Virginia

- Local Government
- State Government
- Federal Government
- Academic Institutions
- Advisory Panels
- Private Sector
- Non-Profit Organizations
- Regional Partners

OFFICE OF THE SECRETARY OF PUBLIC SAFETY & HOMELAND SECURITY

Example of our Whole of Government Approach

A Resilient Virginia

Governor

Climate Change and Resilience Update Commission

Secure Commonwealth Panel

Resilience Focused Position

Community/Expert Advisory Panel

Secretary of Health

Secretary of Transportation

Secretary of Commerce

Secretary of Natural Resources

Secretary of Public Safety and Homeland Security — Chief Resilience Officer

Department of Health

Operations Division

Department of Housing and Community Development

Department of Environmental Quality

Department of Emergency Management

Homeland Security and Resilience Staff Director

Emergency Preparedness

Infrastructure Security and Resilience

Department of Mines, Minerals, and Energy

Coastal Policy Team

USCG Area Maritime Security Committee

HS Program Analyst

Interoperability PM

Office of Drinking Water

Recovery and Mitigation Division

Cyber Security PM

Critical Infrastructure PM

Environmental Health

Department of Conservation and Recreation

Resilience PM

HS Grant Program PM

Dam Safety and Floodplain Management

Department of Game and Inland Fisheries

PM-Program Manager

A Whole of Commonwealth Approach: Synchronizing Efforts

Collaboration & Coordination

- Commonwealth Chief Resilience Officer
- Commonwealth Center for Recurrent Flooding Resilience
- Homeland Security and Resilience Staff Group
- Intergovernmental Pilot Project
- Virginia Area Maritime Security Committee

Funding

- HUD-NDRC Grant Award $120,549,000
- DHS S&T Funded Regional Resilience Dashboard
- Va Shoreline Resiliency Fund

Policy

- Secure Commonwealth Panel
- NGA/DoE Energy Assurance
- Climate Change and Resiliency Update Commission
- Joint Legislative Subcommittee to Study Recurrent Flooding

Technology

- SCP Unmanned Systems Ops Sub-Panel
- Cyber Security Commission
- Unmanned Systems Commission
- NOAA's Port of Tomorrow
- VDEM/USACE 2-year Hurricane Study

US HUD NDRC Grant Award

THRIVE: Resilience In Virginia

Unite The Region	Create Coastal Resilience	Strengthen Vulnerable Neighborhoods	Improve Economic Vitality	Build Water Management Solutions
• Create an alliance of local governments	• Leverage existing studies and projects	• Emphasize known vulnerable populations	• Concentrate expertise, resources, innovation	• Generate cross-discipline impacts
• Build public/private outreach, connectivity and consensus	• Incorporate physical, social, economic effects	• Align with HUD's Livability Principles	• Focus on: Maritime, Storm, Flood, & Rising Water Resilience	• Reduce emergency response burdens
• Focus on common challenges and opportunities	• Build a Coastal Resilience Lab/Accelerator	• Create micro-neighborhood preparedness plans	• Build businesses and a labor force to manage water	• Measure improvement quantitatively

- Awarded $120,549,000, the highest state award

- A state application employing a regional approach

Projects focused on populations most vulnerable to future threats and hazards, including climate change

- Ohio Creek Watershed Project – Chesterfield Heights and Grandy Village

- Coastal Resilience Laboratory and Accelerator Center

Critical Infrastructure

Critical Infrastructure Sectors – 16

Communications

Energy

Commercial Facilities

Transportation Systems

Owns 80-90% of critical infrastructure

Chemical

Food and Agriculture

Critical Manufacturing

Information Technology

Government Facilities

Emergency Services

Dams

Financial Services

Defense Industrial Base

Nuclear Reactors, Materials, and Waste
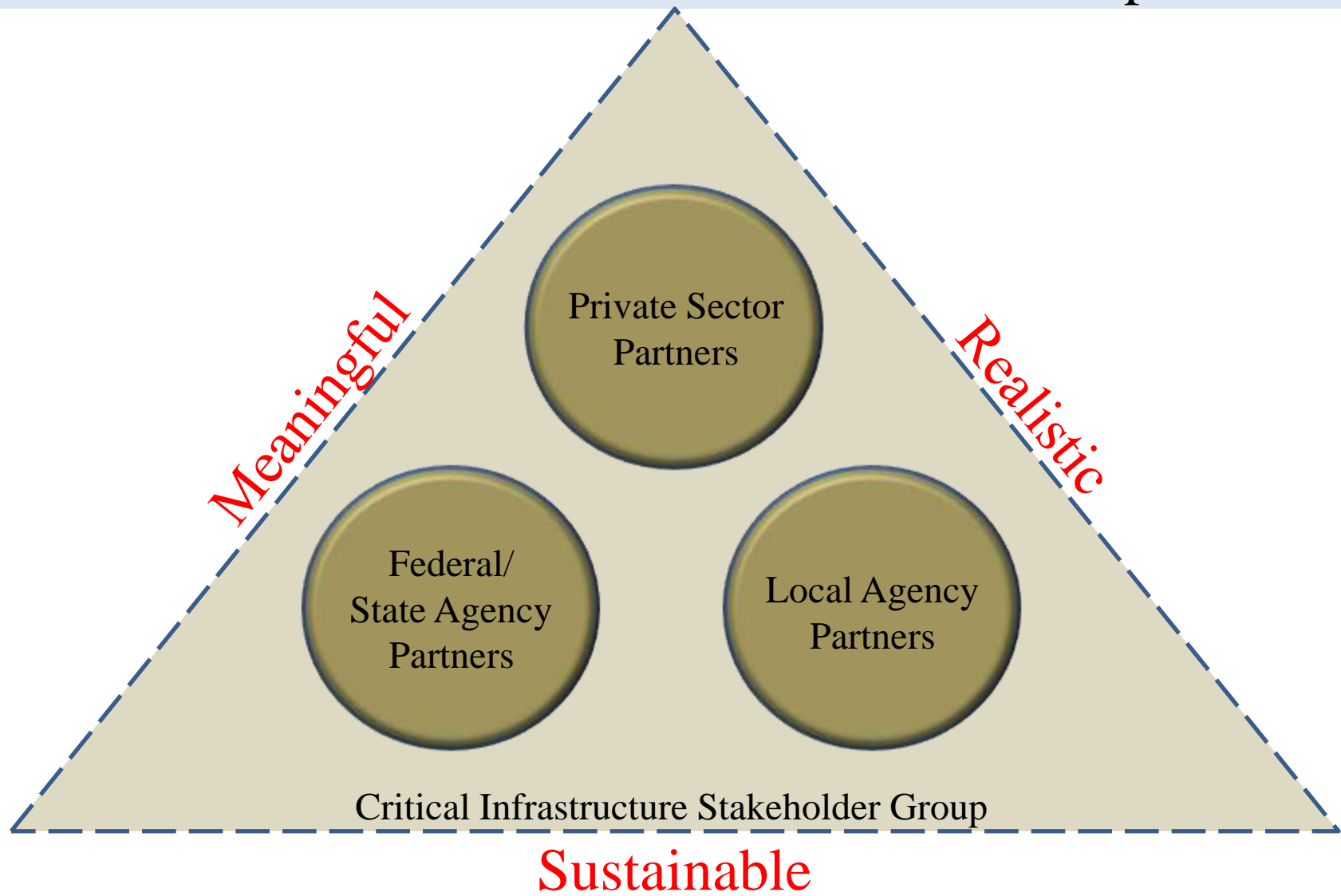
Water and Wastewater Systems

Healthcare and Public Health

Critical Infrastructure Process

Strategy
- Develop stakeholder group
- Local, state, and private sector
- Commonwealth goal for critical infrastructure

Plan
- Develop plan to support overall strategy
- Actionable and Meaningful
- Realistic
- Sustainable

Implement
- Identify critical infrastructure throughout State
- Methodology to prioritize critical infrastructure in State
- Assessments of critical infrastructure
- Focus planning and funding on highest criticality

COP
- Improve data sharing capabilities
- Situational Awareness
- Effective/Efficient decision making

D³M
DATA DRIVEN DECISION MAKING

SB645 – FOIA exemption for Critical Infrastructure

- Adopts federal CI definition regardless of ownership – government and private CI

- "That an emergency exists and this act is in force from its passage." = In effect immediately

- Requires the Secretary of PSHS to be notified of all CI related FOIA requests

Current Events - DHS NCIPP

- Nomination phase opened annually for Level 1 and Level 2 critical infrastructure based on 2 of 4 criteria:
  - Mass fatalities
  - Prolonged evacuation
  - Economic impact in the billions of dollars
  - National security capability impact

- Nomination Phase ends April 29, 2016
- Meeting Thursday in Boardroom to review

Coming Soon - Prioritize CI

Impacts	CI Criteria Level 1 (National)	CI Criteria Level 2 (National)	CI Criteria Level 3 (State)	CI Criteria Level 4 (Regional)	CI Criteria Level 5 (Local)
Economic	$ 150 Billion or $75 Billion (+)	$25 Billion (+)	$10 Million (+)	$5 Million (+)	$1 Million (+)
Weaponization/Fatalities	5,000 (+)	2,500 - 4,999	30	20	10
Mass Evacuation	3 Months	1 Month	1 week	72 hours	72 hours
Percentage of Population Affected			.5% of the State	5% of the Region	10% of the City
Icon or System that affects Public Confidence			Public perceives high risk to the state or nation without remedy	Public perceives moderate risk and low ability to remedy	Public perceives low risk and moderate ability to remedy
Impact on Assets/Facilities/ Systems within Individual Sector	*See NCIPP Data Call Guidance*	*See NCIPP Data Call Guidance*	Debilitating impact on sector- having state, national or international impact	Debilitating impact on sector- having regional impact	Debilitating impact on sector-having local impact
Mission Impact on Other Critical Infrastructure Sector Assets/Facilities			Mission impact on infrastructure Assets or Facilities - Levels 1, 2, & 3	Mission impact on infrastructure facilities – Level 4	Mission impact on infrastructure facilities – Level 5
Environmental Impact			Significant impact on infrastructure Levels 1, 2, & 3		

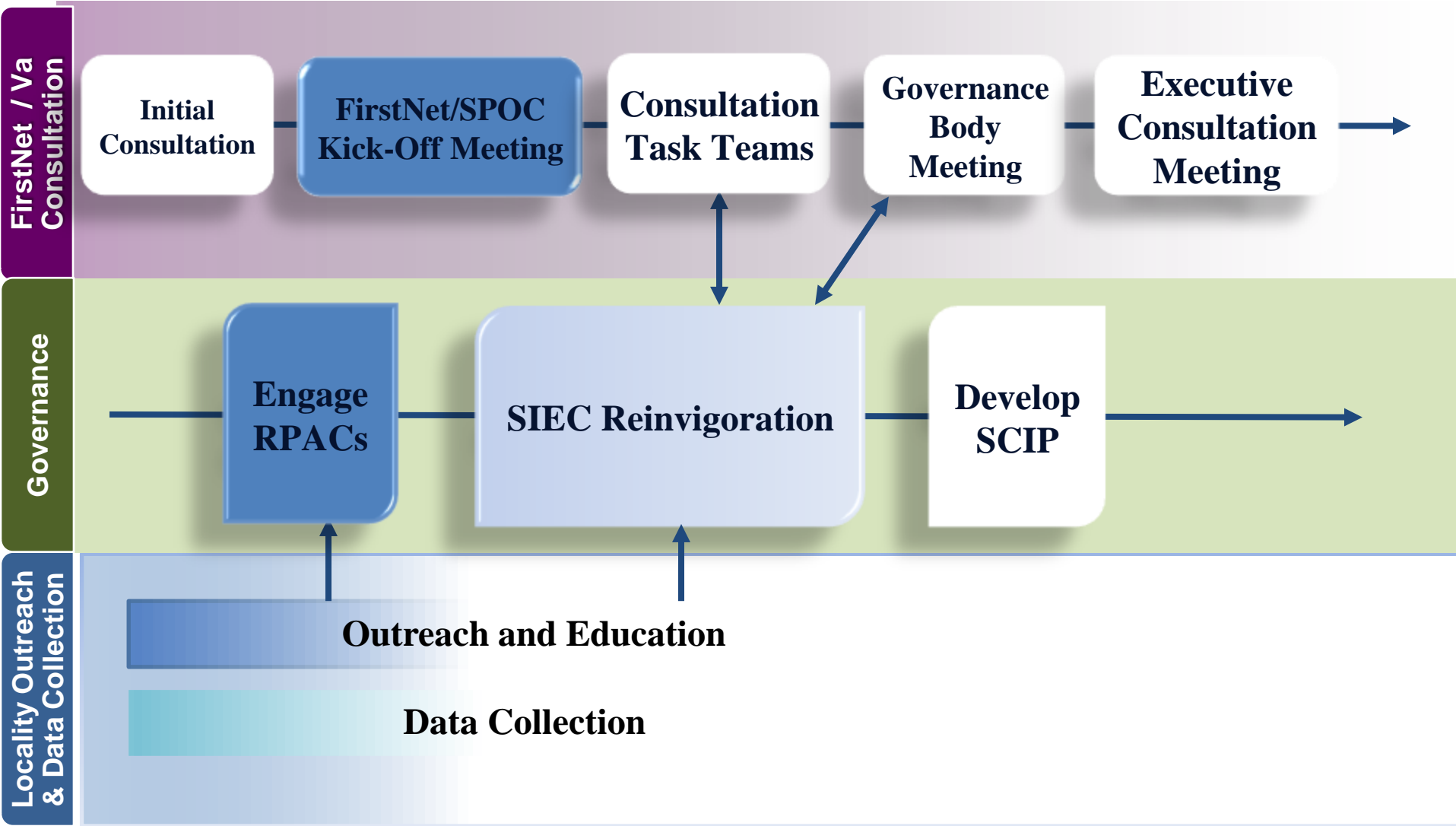Collaboration, Coordination, & Communication

Interoperability

2016 Program Goals

- Reestablish the Statewide Interoperability Executive Committee.

- Publish a realistic, sustainable Statewide Communications Interoperability Plan (SCIP).

- Engage/support Regional Preparedness and Advisory Committees.

- Conduct regional and local FirstNet outreach.

FirstNet / Va Consultation

Initial Consultation → FirstNet/SPOC Kick-Off Meeting → Consultation Task Teams → Governance Body Meeting → Executive Consultation Meeting →

Governance

Engage RPACs → SIEC Reinvigoration → Develop SCIP →

Locality Outreach & Data Collection

Outreach and Education

Data Collection

Goal#1: Reestablish the SIEC

- Provides a forum to discuss communications interoperability matters.

- Makes recommendations to the SoPSHS.

- Assists the Interoperability Program Manager in the:
  - Development and implementation of the Statewide Communications Interoperability Plan.
  - Execution of interoperability grant programs.

Goal #2: Publish a realistic, sustainable SCIP

- Define the current interoperability environment.
  - "SWOT"
  - Systems baseline

- Where do you want to be in 3, 5, 10 years?

- Identify common interests and coordinate efforts in a resource constrained environment.

Goal #3: Engage/support RPACs
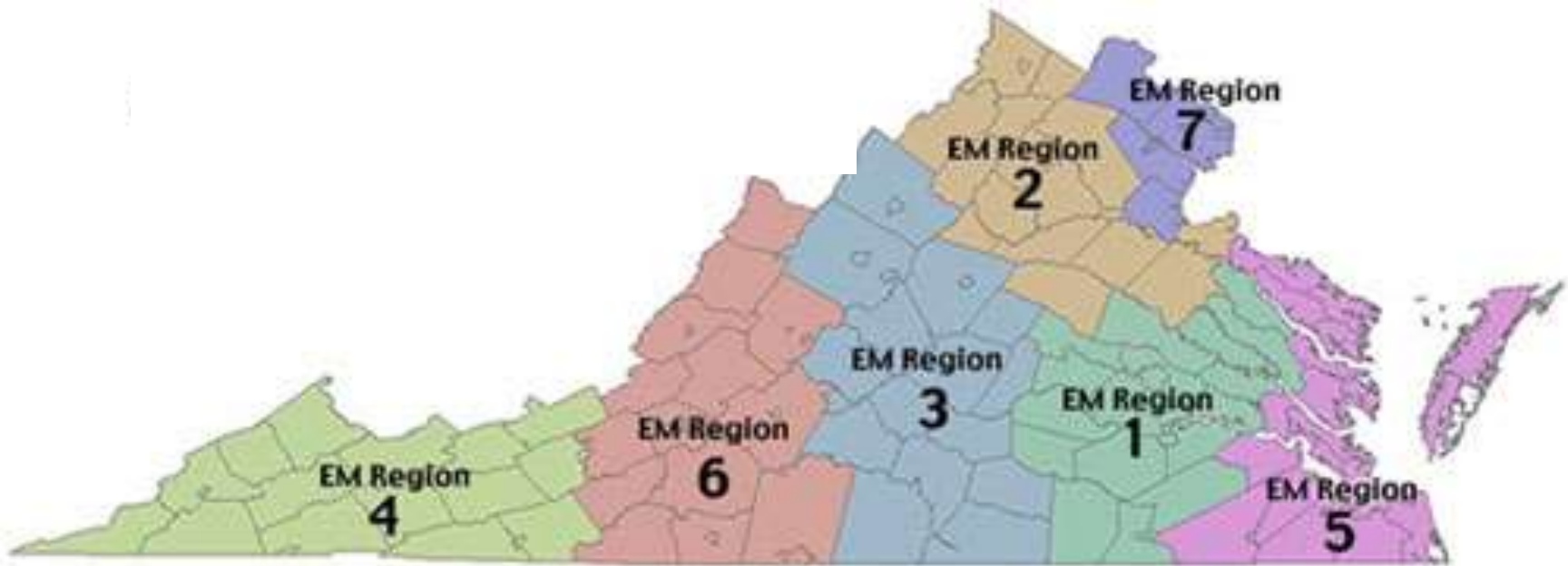
Goal #4: Conduct FirstNet Outreach

Virginia FirstNet Update *Looking Ahead Through 2016*

- Three phased approach to locality outreach

RPAC Chair Webinar → RPAC Meetings → Locality Meetings

- Conference engagement

Conference	Date	Location
VA FIRE AND RESCUE CONFERENCE	25-27 Feb	VA Beach
VA EMERGENCY MGNT. SYMPOSIUM	29 Mar - 1 Apr	Newport News
2016 VA SHERIFFS INSTITUTE SPRING CONFERENCE	27-29 April	Hampton Rds Conv. Ctr
APCO/NENA/INTEROP. CONFERENCE	4-6 May	VA Beach
ROBERT E. RUMENS 25TH ANNUAL HAMPTON RDS. MARINE FIREFIGHTING SYMPOSIUM	9-14 May	Hampton Rds.
VACLEA SUMMER CONFERENCE 2016	7-10 June	VA Beach
VA STATE FIREFIGHTERS ASSOCIATION	17-20 Aug	Hampton Rds.
VACP/APCF ANNUAL CONFERENCE 2016	18-21 Sept	Roanoke
APCO/NENA/INTEROP. CONFERENCE	25-28 Oct	Roanoke

- Data collection to inform the state plan and decision.

Cyber Security

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Prevention

- **Assessments**
- **Awareness Training**
- **Public Outreach**

Commonwealth of Virginia Cyber Security

Respond

- **Incident Response**
- **Information Sharing**
- **Threat Indicator Collection/Analysis**
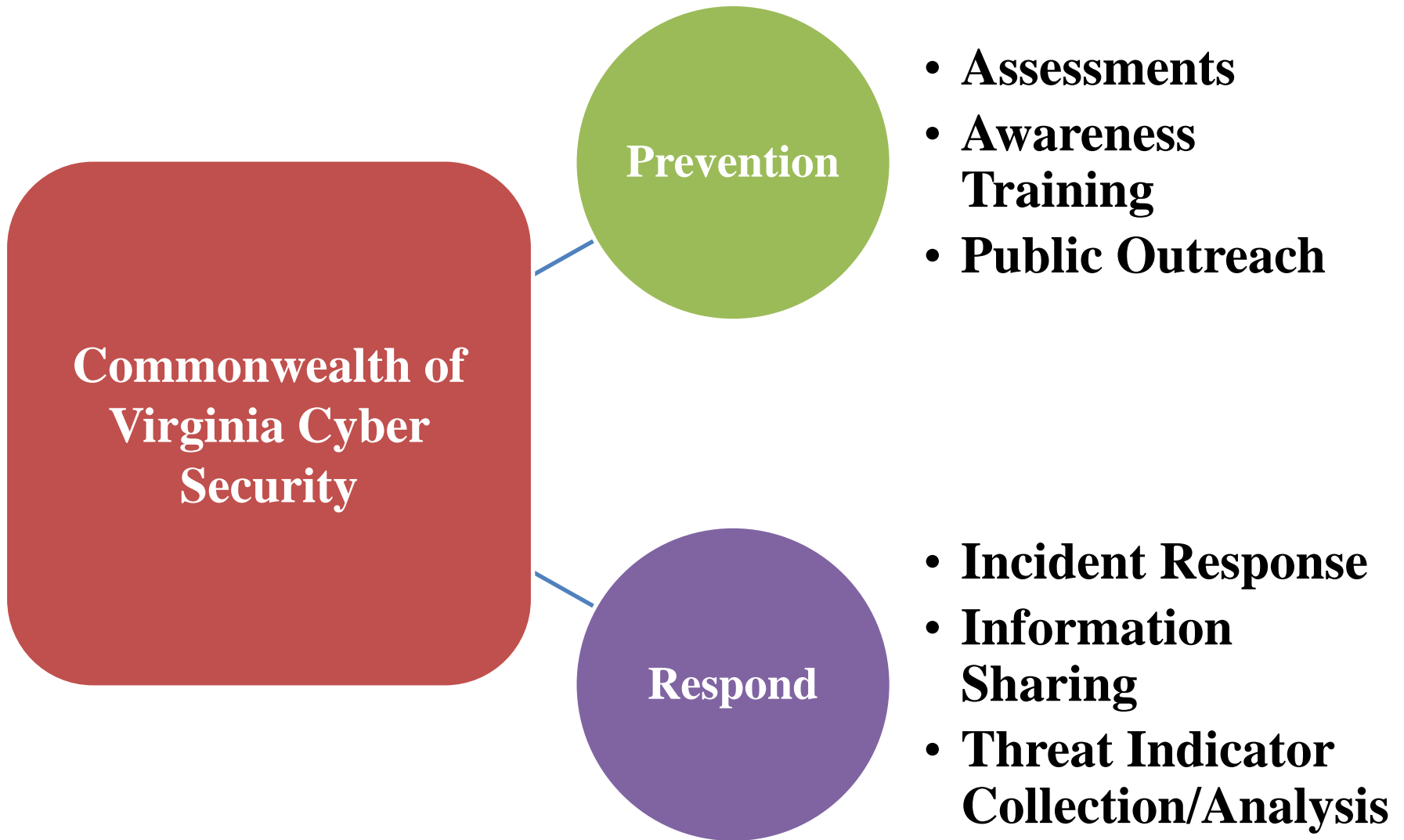
DMA Infrastructure Security Assessments

- Establishes an enduring cyber assessment mission
    - Fully staffed by National Guard personnel
- Focused on state & local infrastructure
- Executing under state active duty

ICS Security Assessment Pilot

- DHS ICS-CERT pilot with water/wastewater sector
  - 10-15 water/wastewater providers across VA
  - Partnership with VDH and DEQ

Cyber Response Working Group

- Stakeholder group composed of state (VDEM, DMA, VSP, VITA, etc.), federal, local, and private sector partners

- Focused on developing plans and procedures for a state cyber incident response
  - Developing the Cyber Incident Response Annex to the COVEOP

Questions / Comments?

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