



## **Who We Are**

The Chesapeake Crescent Initiative (CCI) is a regional collaborative made up of public, private and academic sector partners to advance innovation in energy, life sciences and security in the “Chesapeake Crescent” Region of Virginia, Maryland and the District of Columbia. CCI’s leadership includes Federal government agencies, state and local government leaders, major private sector companies as well as academic institutions.

CCI’s Steering Committee, which meets four times a year, includes representatives from the Federal Government, such as the Office of Management and Budget, the Department of Defense, the Department of Homeland Security, the General Services Administration, and the Federal Labs Consortium as well as representatives from the State of Maryland, the Commonwealth of Virginia, and the District of Columbia.

Our private sector leadership includes representatives from The Carlyle Group, Patton Boggs, Holland & Knight, and Bloomberg Government.

Through its university consortium, the Chesapeake Crescent Innovation Alliance (CCIA), CCI works with nine major regional research universities, including Johns Hopkins University, University System of Maryland (11 campuses), George Washington University, George Mason University, Virginia Tech, University of Virginia, Georgetown University, James Madison University and Howard University.

## **Our Mission**

CCI’s mission is to establish this Region as a global leader in energy, security and life sciences innovation through new models of government (federal, state, and local), university and private enterprise collaboration.

CCI works to achieve this mission through:

- **Catalytic Thought Leadership.** CCI identifies and advocates for region-scale innovation based economic development opportunities not otherwise on the regional agenda.
- **Events and Convenings.** CCI hosts numerous events – both in person and virtual – throughout the year to educate our stakeholders and the general public on the importance of innovation based economic growth, help catalyze new projects as well as align existing regional activities and resources towards innovation based economic growth, drawing on the over \$25 Billion spent annually on research in this Region by the Federal government.
- **Special Projects.** CCI collaborates with its partners on projects designed to leverage the Region’s core strengths and accelerate the achievement of regional goals while also unlocking innovation-based businesses, jobs and opportunity.

## **2012 Program**

### **Innovation Infrastructure**

#### *CCI's Regional Innovation Portal*

CCI is forming a Regional Innovation Portal pilot to enhance existing technology commercialization efforts for mid- to later-stage energy and security innovations. The portal is a virtual innovation marketplace and will be filled with energy and security technologies, supplied initially by a select group of CCIA academic institutions, laboratories and entrepreneurs from our region. CCI's primary role is to catalyze economic activity, encourage dealflow and help facilitate matchmaking within this virtual space by partnering with tech scouts, reviewers, angel capital and venture capital investors, as well as larger technology companies so that they examine, make recommendations, invest, sponsor, acquire and/or license the technologies in this portal. CCI may also drive activity to this portal by hosting a technology or business challenge or by linking it to tech challenges which are already taking place in the region.

#### *"Strengthening Our Region's Innovation Ecosystem" Webinar and Podcast Series*

CCI has kicked off its webinar and podcast series on "Strengthening Our Region's Innovation Ecosystem", which is designed to educate stakeholders about our region's innovation assets, encourage them to support or connect to these efforts, and further maximize our region's innovation assets. In April, CCI highlighted two technology/business competitions – the Clean Tech Open and the American Security Challenge – and how these competitions can help unlock innovations from our region. In May, CCI highlighted two projects – Makers on the Mall and a National Center for Entrepreneurism and Innovation -- which aim to bring the celebration and support of American ingenuity, entrepreneurship and innovation to the National Mall as well as to our region at large. In June, CCI will host a webinar featuring the Federal Labs Consortium – Mid-Atlantic Region on the best methods in which stakeholders can partner or conduct business with the Federal laboratories in our region. In future sessions, CCI plans to highlight its Chesapeake Crescent Innovation Alliance (CCIA) universities' approaches to commercialization of research at the university level.

### **Energy**

#### *Facilitating a Regional Approach to Offshore Wind*

Recognizing our region's unique natural resource potential in offshore wind energy, CCI has been a long time advocate of a regional approach to the development of the Mid-Atlantic offshore wind industry. CCI believes this capability can only be effectively developed if this region (MD, VA and DC and potentially other areas), along with the Federal government, work together instead of pursuing independent (and ultimately under-scaled, competitive) projects. A project by project approach where each state tries to "be first" and capture the economic benefits of building its own offshore wind supply chain is unlikely to be successful because of its small size and inability to capture the minimum economies of scale needed to sustain long-term business planning certainty. CCI is working with multiple stakeholders in the project and developing a proposed regional approach to harness this resource at the scale necessary to ensure a long-term sustainable market.

### *Accelerating Commercial Building Energy Retrofits in our Region*

Led by the Virginia Department of Mines Minerals and Energy (DMME) and funded through a grant from the Department of Energy (DOE), CCI is participating in a two year project which aims to accelerate commercial building energy retrofits in this region through policy recommendations, best practices compilation and pilot project implementations. In July, CCI will organize and host two commercial building stakeholder workshops to present and gather input on the team's proposed approaches to overcoming market barriers to energy efficiency retrofits. Two more convenings are planned for the Fall.

### *Regional Renewable Energy and Energy Efficiency Economy Webinar and Podcast Series*

CCI kicked off its "Building a Sustainable Regional Renewable Energy and Energy Efficiency Economy" webinar and podcast series in March with a webinar focused on how universities and communities from our region have leveraged their energy and sustainability partnerships with European entities to enhance their approaches in the region. Future sessions in this series will examine potential solutions to the financing and other barriers faced by commercial building owners and operators to adopting energy efficiency practices, highlight some pathways to the creation of sustainable offshore wind market, and examine ways in which the region as a whole might aggregate its approach to working with the Federal government to help build a robust renewable energy technology market.

## **Security**

### *Critical Infrastructure/Key Resource Protection Regional Innovation Marketplace*

CCI is developing a private sector driven regional innovation marketplace model focused on accelerating the development and adoption of targeted, mid- to later-stage security and response technologies that address one or more of the 18 Critical Infrastructure Key Resources (CIKR) protection areas. CCI's Regional Innovation Marketplace, while aligned with the Federal government mission, will be driven primarily by the needs of the customers of these types of technologies – the private owners and operators of critical infrastructure and state/local government agencies.

### *Critical Infrastructure Protection Webinar and Podcast Series*

CCI will kick off its "Advancing our Innovation Economy by Protecting Our Critical Infrastructure" webinar and podcast series shortly with a closer look at proposed Federal legislation on cybersecurity – a key critical infrastructure protection area of focus in our region – and how Federal legislation and regulation in these critical infrastructure areas have an impact on our region's innovation economy. Further sessions will focus in on the technology development opportunities available in these areas.

## **Life Sciences**

### *Global Biohealth/Health IT Research & Development Center and Innovation Marketplace*

Building upon the region's enormous existing capacity in biomedical research as well as the region's numerous biohealth and health IT industry assets, CCI is developing a Biohealth/Health IT Research & Development Center and Innovation Marketplace with a consortium of hospitals and university-based partners focused on mid- to late-stage translational research around the development of innovations in

children's health and health care delivery technology. The space will feature a R&D center, technology incubator and accelerator, and a variety of supportive programs to encourage innovation-based economic development, education and entrepreneurship.

### **Annual Regional Meeting**

CCI welcomes approximately 120-150 attendees from government (Federal, State and Local), academia and industry during its annual regional meeting. This year's convening will take place in early December and will feature speakers and sessions on the region's innovation economic development opportunities in the energy, life sciences, and security fields. Prior speakers and panelists have included: Melody Barnes, Former Assistant to the President for Domestic Policy & Director, Domestic Policy Council, The White House; The Honorable Martin O'Malley, Governor, State of Maryland; Dr. Ray O. Johnson, Senior Vice President and Chief Technology Officer, Lockheed Martin Corporation; Steve Case, Chairman of the Startup America Partnership, and Co-Chair of the National Advisory Council on Innovation and Entrepreneurship; and General Wesley K. Clark, Chairman and CEO of Wesley K. Clark & Associates. CCI will highlight its progress made in its major initiatives, and provide opportunities for stakeholders to provide input and become involved.

### **To Learn More**

For more information about CCI, or to join us in our regional collaborative projects, please visit the CCI website at [www.chesapeakecrescent.org](http://www.chesapeakecrescent.org), follow us on twitter at @cciinnovation, or contact Stephanie Carnes, Managing Director, at 202-360-6271 or [scarnes@thechesapeakecrescent.org](mailto:scarnes@thechesapeakecrescent.org).