

# MARYLAND FORWARD

Moving Maryland Forward:  
Making the New Economy Ours

*Setting Goals*

*Fiscal Responsibility*

*Changing Course When Necessary*



*Measuring Performance:*  
**StateStat**

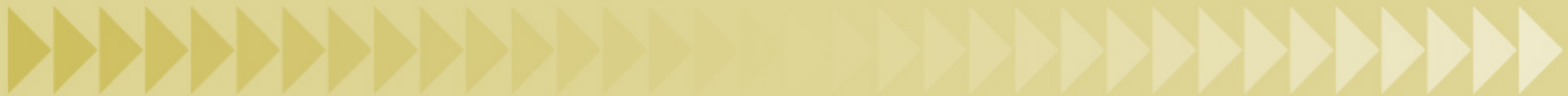
- Accurate and timely intelligence shared by all
- Rapid deployment of resources
- Effective tactics and strategies
- Relentless follow-up and assessment

# Without fiscal discipline no forward progress is possible

- ▶ **\$5.6 billion cuts in state spending**
- ▶ **1 penny sales tax increase**
- ▶ **Triple A Bond Rating (1 of only 8 states)**

*"The stable outlook reflects our view of Maryland's economic strength and historically strong financial and debt management policies,... the state has proactively responded to the recent budget structural imbalance "*

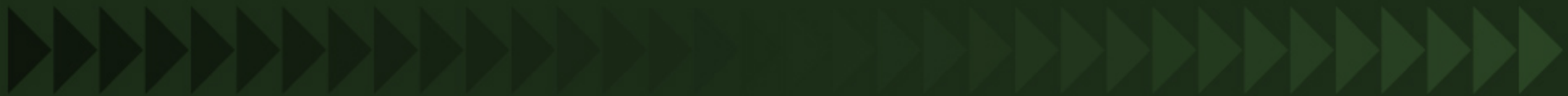
- Standard and Poors, upon affirming Maryland's AAA Bond Rating





## In Times of Adversity We Don't Make Excuses, We Make Progress

- ▲ **Public Safety:** Lowest violent crime since 1975
- ▲ **Affordable College:** Four years in a row with zero increase in college tuition (only state in America)
- ▲ **Health Care:** Health Care for 225,000 previous uninsured Marylanders including 105,000 children
- ▲ **Chesapeake Bay:** Cleanest Waters in 6 years; Blue Crab population rebounding (up 60%)





**In Times of Adversity We  
Don't Make Excuses, We  
Make Progress**

## **PUBLIC EDUCATION**

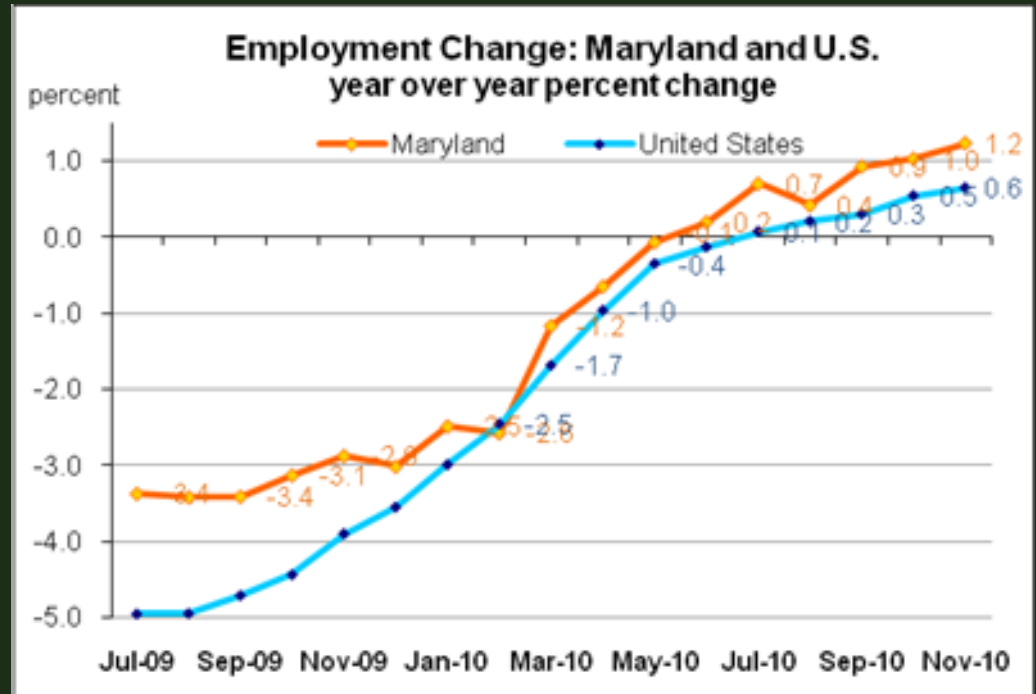
- ✓ Education Week magazine ranks Maryland public schools #1 in America for two years in a row.
- ✓ Record MSA scores for elementary and middle school students.
- ✓ Achievement gaps closing.
- ✓ 65% more high school students taking AP exams in STEM disciplines of science technology, engineering, and math.



## In Times of Adversity We Don't Make Excuses, We Make Progress

### JOBS

- ▲ 36,100 new jobs created in Maryland this year
- ▲ Best year of new job creation since 2000
- ▲ Growing jobs at twice the national rate



# *The Big Scary Globals:*

- ❖ **Global Terror**
- ❖ **Global Pandemic**
- ❖ **Global Trade**
- ❖ **Global Warming**
- ❖ **Global Migration and Population Growth**
- ❖ **Global Recession**
- ❖ **Global Poverty**
- ❖ **Global Competition**

- ▲ The United States now ranks 20<sup>th</sup> in high school completion rates among industrialized nations and 16<sup>th</sup> in college completion rates.
- ▲ In 2009, 51% of the United States patents were awarded to non-United States companies
- ▲ The total annual federal investment in research in mathematics, the physical sciences and engineering is now equal to the increase in U.S. healthcare costs every nine weeks.
- ▲ American consumers spend significantly more on potato chips than we devote thru our government to energy R&D



*“The long-term concern is that people intuitively understand that what we need most now is nation-building in America. They understand it by just looking around at our crumbling infrastructure, our sputtering job-creation engines and the latest international education test results that show our peers out-educating us, which means they will eventually out-compete us.”*

— Thomas Friedman



*Where are we Going?*





# Creating Jobs in the New Economy through Innovation & Leadership

- ▶ Advancing **SKILLS**
- ▶ Advancing Public Safety & Homeland **SECURITY**
- ▶ Advancing Environmental **SUSTAINABILITY**
- ▶ Advancing the **HEALTH** of our People

*“...Progress on one of these fronts requires progress on all,....”*

## Moving Forward: *Our Goals*

### ► Jobs/Skills

### Security

### Sustainability

### Health

- I. Create, Save or Place Residents into 250,000 Jobs in Maryland by 2012 (DBED & DLLR)
- II. Improve Student Achievement and College and Career Readiness in Maryland by 25% by 2015 (MSDE)
- III. Increase the number of Marylanders who receive skills training by 20% by 2012 (DLLR)

## Moving Forward: *Our Goals*

### Jobs/Skills

### ▶▶ Security

### Sustainability

### Health

- IV. Reduce Violent Crime in Maryland by 20% by 2012 (GOCCP)
- V. Reduce Violent Crimes Committed Against Women and Children by 25% by 2012 (GOCCP)
- VI. Make Maryland the National Leader in Homeland Security Preparedness by 2012 (Across the 12 Core Capacities) (GOHS)



## Moving Forward: *Our Goals*

**Jobs/Skills**

**Security**

**▶▶ Sustainability**

**Health**

- VII. Accelerate Bay Restoration Efforts to Reach the Healthier Bay Tipping Point by 2020 (DNR)
- VIII. Double Transit Ridership in Maryland by end 2020 (MDOT)
- IX. Reduce Per Capita Electricity Consumption in Maryland by 15% by 2015 (MEA)
- X. Increase Maryland's Renewable Energy Portfolio by 20% RPS by 2022 (MEA)
- XI. Reduce Maryland's Statewide Greenhouse Gas Emissions by 25% by 2020 (MDE)

# Moving Forward: *Our Goals*

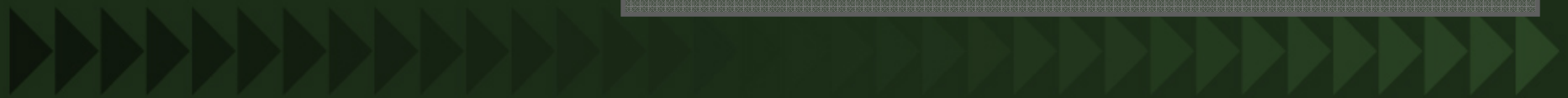
**Jobs/Skills**

**Security**

**Sustainability**

**▶▶ Health**

- XII. End Childhood Hunger in Maryland by 2015 (GOC)
- XIII. Establish Best in the Nation Statewide Health Information Exchange and Electronic Health Records Adoption by 2012 (DHMH)
- XIV. Reduce Infant Mortality in Maryland by 10% by 2012 (DHMH)
- XV. Expand Access to Substance Abuse Services in Maryland by 25% by 2012 (DHMH)



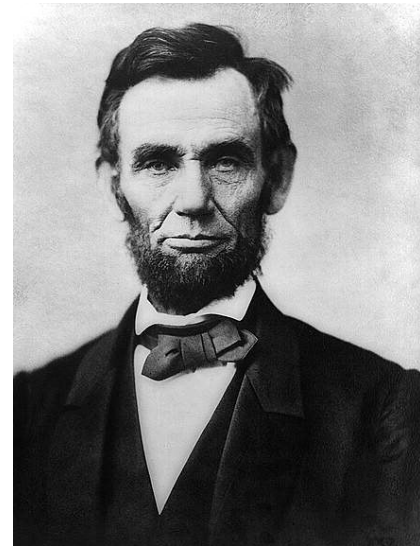
**HOW DO WE  
GET THERE?**

**INNOVATION**

# INNOVATION

*“...as our case is new,  
so we must think anew  
and act anew.”*

- Abraham Lincoln



INNOVATION:  
*ASSETS*

*#1* in Federal **R&D** Obligations (per capita)

*#1* concentration of **PHD** Scientists and Engineers

*#2* in **Biotech**

*#2* U.S. Chamber of Commerce **Innovation** Ranking

*#3* Kauffman **New Economy** Index



# *INNOVATION: ASSETS*

## Academic Assets and Federal Facilities

BIO MARYLAND

Academic

Federal

Research Centers

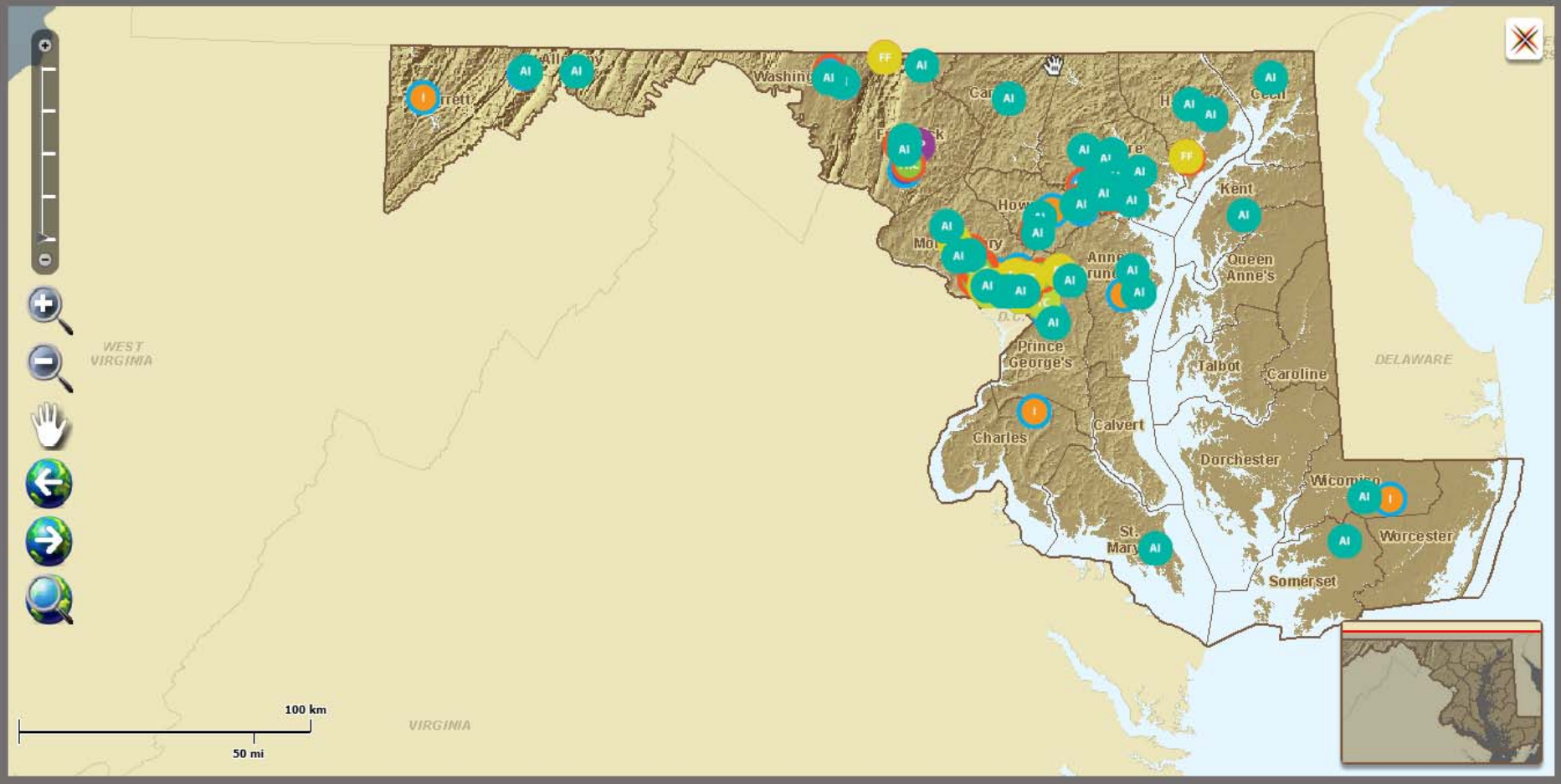
Companies

Training

Incubators

Research Parks

Quality



BIO MARYLAND

Academic

Federal

Research Centers

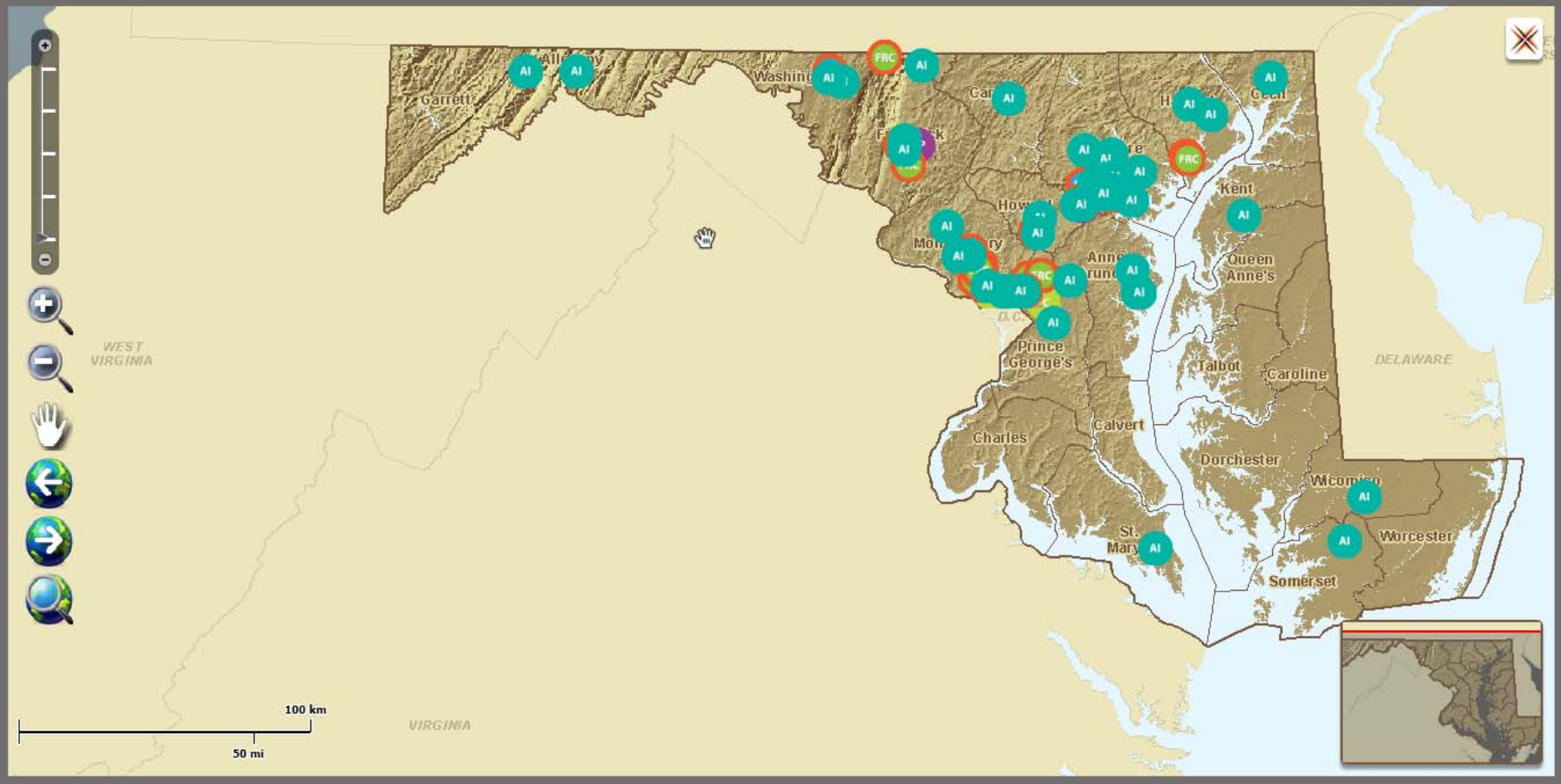
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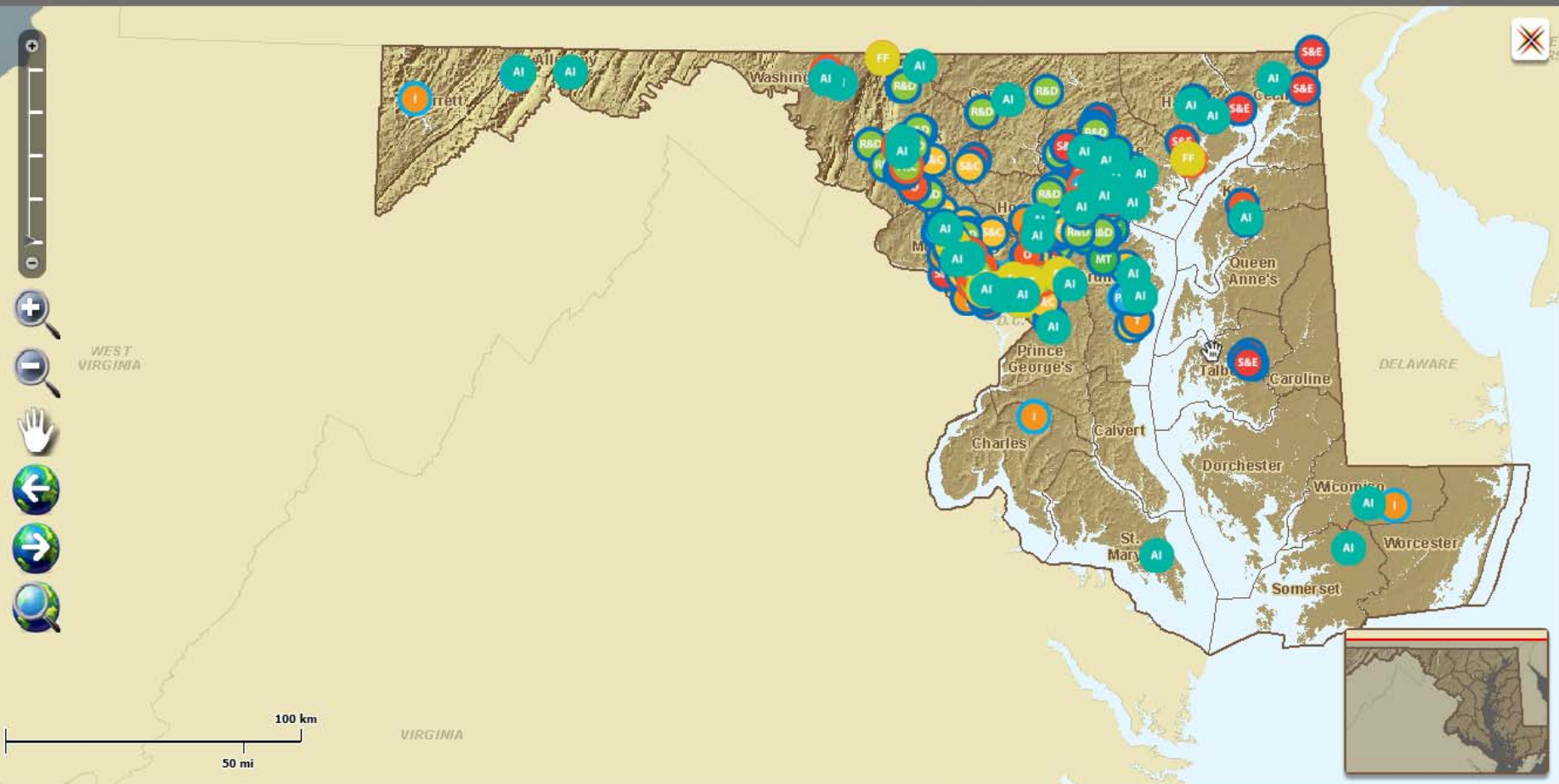
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Quality



A photograph of two men in white lab coats standing in a laboratory. The man on the left is looking towards the man on the right, who is pointing with his right hand. Both lab coats have a blue circular logo with the word 'Tyvek' on it. The background shows laboratory equipment and a door.

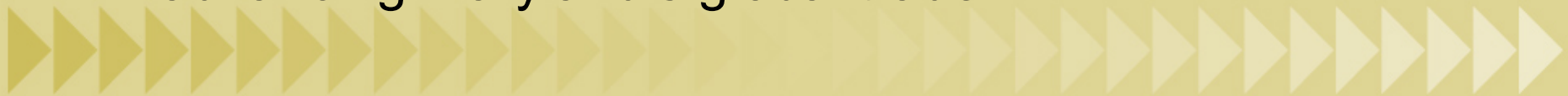
**NEW  
ECONOMY:**

*Maryland's  
Strongest  
Job Growth  
Sectors*

- ▲ **Biotechnology**
- ▲ **Information Technology  
(including Cyber Security)**
- ▲ **Clean Energy & Green Tech**
- ▲ **Health**
- ▲ **Trade**
- ▲ **Aerospace**

# MARYLAND FORWARD

- ▶ *Bio2020*: A 10-year, \$1.3 Billion investment in the Life Sciences
- ▶ *CyberMaryland*: Moving forward as the national epicenter of Cyber Security.
- ▶ *Green Jobs & Industry*: Moving forward toward our goal of creating, saving, and placing our fellow Marylanders in 100,000 clean-tech & green-tech jobs
- ▶ *Health IT*: Health Information Exchange launched October 2010
- ▶ *Aerospace*: Wallops; Weatherbug
- ▶ *Trade*: 5,700 jobs to the Port of Baltimore (public private partnership); World Trade Center Institute, advancing Maryland's global trade



## Setting the Context: *The Jobs of the New Economy*

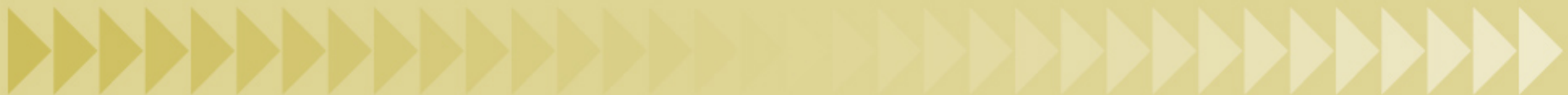
**The list of fastest growing occupations in Maryland is dominated by positions related to healthcare and science, technology, engineering and math (STEM fields)**

- Middle skill jobs are projected to make up 39 percent of job openings between 2008-2018
- High Skill Jobs are projected to account for 38 percent of job openings.



## Advancing Skills: *K-12 Education*

- ▶ **Adopting higher standards & internationally benchmarked assessments**
- ▶ **Turning Around Lowest Performing Schools**
- ▶ **Supporting Great Principals & Teachers**
- ▶ **Reinvigorating STEM Education: Science, Technology, Engineering and Math**



## Advancing Skills: *Higher Education*

- ▶ **Making college more affordable for Maryland families:** four year tuition freeze in the toughest of times
- ▶ **Promoting College Completion:** helping more Marylanders attain the credentials to succeed in this new economy.
- ▶ **Opening the door to higher education:** increasing the number of degrees and certificates awarded by Maryland's nation-leading community colleges.



## Advancing Skills: *Workforce*

***Skills2Compete:*** Expanding opportunity for Marylanders to receive the skills-training they need to succeed in this new economy.

- ▶ Create more apprenticeship opportunities and connect more people to meaningful apprenticeship programs
- ▶ Create more paths to Community Colleges for traditional and adult education students and job seekers

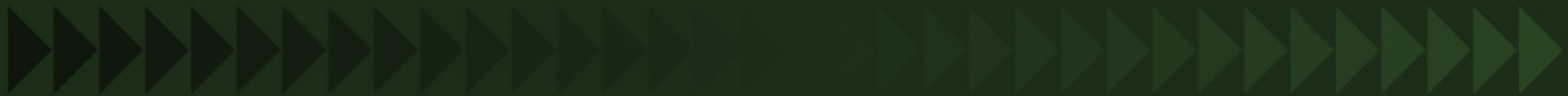


# MARYLAND FORWARD

*In this changing new economy, we're in a fight for our children's future.*

*In this fight, there will be some states that lose and some that win.*

*For Maryland to win, we must move forward by creating and saving jobs through innovation, while improving public safety, public education, and our quality of life.*



# MARYLAND'S INNOVATION ECONOMY

smart, green & growing