




December 8, 2021
Board & MIC Meeting
8:00 – 9:30 a.m.






1

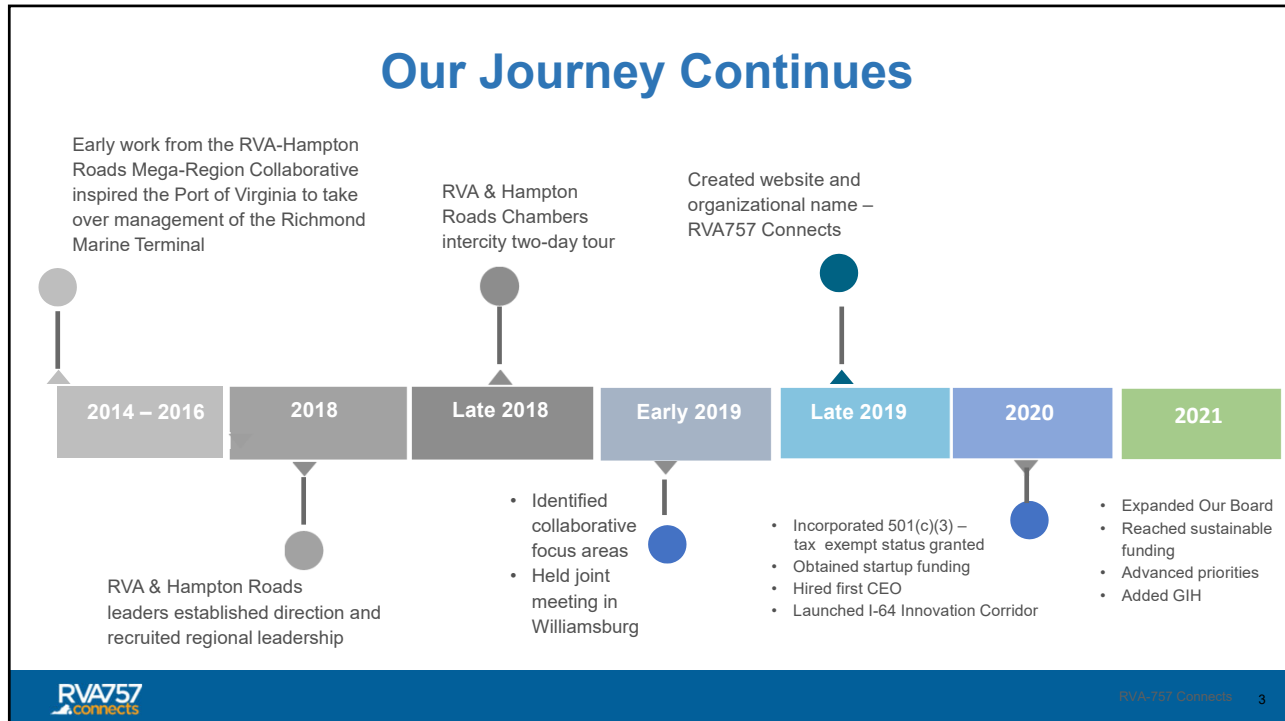


Welcome

Theodore L. Chandler, Jr.
Co-founder, NRV
Co-Chair, RVA757 Connects



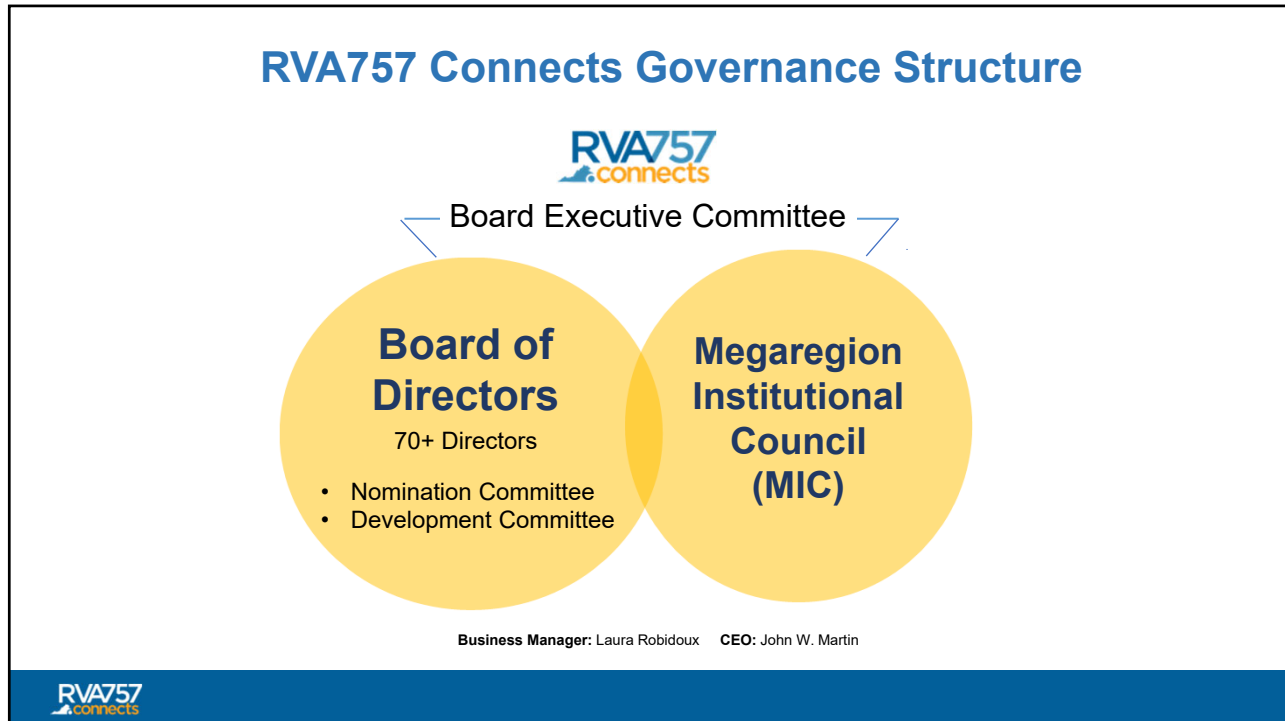
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Thank You – Our Executive Committee

<p>Co-Chairs:</p> <p>Theodore L. Chandler, Jr. Co-Founder and Managing Director, NRV</p> <p>Thomas R. Frantz Partner Williams Mullen</p>	<p>Cliff Fleet President/CEO, Colonial Williamsburg Foundation</p> <p>Wilson H Flohr, Jr. GO Virginia</p> <p>Moses Foster President/CEO, West Cary Group</p> <p>Bob Holsworth Managing Partner, DecideSmart</p> <p>Sarah Jane Kirkland President/CEO, CIVIC Leadership Institute</p>	<p>Aubrey L. Layne, Jr. Senior Vice President, Chief of Staff, Sentara Healthcare</p> <p>Peggy Layne Retired, Dominion Energy</p> <p>John W. Martin President/CEO, SIR</p> <p>John F. Reinhart Executive Director Emeritus, The Port of Virginia</p> <p>Jim Spore President, ReInvent Hampton Roads</p>
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RVA757
connects

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Thank You – Our Board



Theodore L. Chandler, Jr., NRV
 Matt Anderson, Colliers International
 Sherrie Armstrong, Community Foundation for a greater Richmond
 Robert M. Blue, Dominion Energy
 Jamie Booth, Hourigan
 Robby Demeria, Phlow Corporation
 Glenn DuBois, Virginia Community College System (VCCS)
 Moses Foster, West Cary Group
 Calvin W. "Woody" Fowler, Jr., Williams Mullen
 Mitch Haddon, ColonialWebb
 Renee S. Haltom, Federal Reserve Bank of Richmond
 Todd P. Haymore, Hunton Andrews Kurth
 Bob Holsworth, DecideSmart
 Lisa Howard, E3: Elevate Early Education & The New E3 School
 Christopher D. Lloyd, McGuireWoods Consulting
 John A. Luke, Jr., WestRock Company
 John W. Martin, SIR & the Institute for Tomorrow
 Michael Rao, VCU
 Bernard Robinson, Sr., Networking Technologies and Support (NTS)
 Brian Rountree, Bank of America Merrill Lynch
 Jim Ukrop, NRV
 J.D. Myers, II, Cox Communications
 John F. Reinhart, The Port of Virginia
 Katherine A. Rowe, William & Mary
 Rony Thomas, LifeNet Health
 Bruce Thompson, Gold Key

Thomas R. Frantz, Williams Mullen
 Monique Adams, 757 Angels
 Javaune Adams-Gaston, Norfolk State University
 Gilbert T. Bland, Urban League of Hampton Roads
 Jennifer Boykin, Newport News Ship Building
 Anne Conner, TowneBank
 Deborah M. DiCroce, Hampton Roads Community Foundation
 William B. Downey, Riverside Health System
 Robert Duvall, Virginia Natural Gas
 Stephen A. Edwards, The Port of Virginia
 Dawna L. Ellis, Harvey Lindsay Commercial Real Estate
 Cliff Fleet, Colonial Williamsburg Foundation
 Taylor Franklin, The Franklin Johnston Group
 Greg Garrett, Garrett Realty Partners
 Robbyn Gayer, UBS Financial Services, Inc.
 Ross Grogg, Kemper Consulting
 Kasia Grzelkowski, VersAbility
 William R. Harvey, Hampton University
 Brian O. Hemphill, Old Dominion University
 Harvey L. Johnson, PBMares
 Martin A. Joseph, 360 IT Partners
 Jim Kibler, Next Paradigm Advisors LLC
 John R. Lawson, II, W. M. Jordan Company
 Aubrey L. Layne, Jr., Sentara Healthcare
 Peggy Layne, Dominion Energy
 Alan Witt, Newport News University
 John O. "Dubby" Wynne, Landmark Communications



Welcome New Director



Jamie Booth
Director of Client
Solutions
Hourigan



Welcome New Director



Graham Henshaw
Executive Director

Alan B.
Miller Entrepreneurship
Center, William & Mary



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Welcome New Director



Aubrey L. Layne, Jr.
Senior Corporate
Vice President, Chief of
Staff
Sentara Healthcare



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Welcome New Director



Maria Tedesco
President
Atlantic Union Bank
Richmond



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Welcome New Director



Laura White
Chief Risk Officer
PRA Group



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Thank You - Megaregion Institutional Council (MIC)

Planning and implementation organizations from both regions

RVA MIC Members	757 MIC Members
PlanRVA	HRPDC
Community Foundation for a greater Richmond	Hampton Roads Community Foundation
ChamberRVA	Chamber Hampton Roads
	Virginia Peninsula Chamber
	Greater Williamsburg Chamber Business Council
Greater Richmond Partnership	Hampton Roads Alliance
GOVirginia (Region 4)	GOVirginia (Region 5)
Capital Region Workforce Partnership	Hampton Roads Workforce Council
	CIVIC Leadership Institute
Grow Capital Jobs Foundation	Reinvent Hampton Roads
Management Round Table (MRT)	Hampton Roads Business Roundtable

In addition, the Virginia Hispanic Chamber and Asian Chamber serve on the MIC.



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Today's Agenda

8:00 – 8:10	Call to Order & Welcome RVA757 Connects' Unique Selling Proposition (USP) Today's Agenda	Theodore L. Chandler, Jr. Co-Chair, RVA757 Connects
8:10 – 8:45	RVA757 Connects 2021 Top Ten Accomplishments RVA757 Connects' 2022 Strategic Direction Comments & Discussion	John W. Martin President & CEO, RVA757 Connects
8:45 – 9:20	Update on Coastal Virginia Offshore Wind Project Comments & Discussion	Robert. M. Blue, Chairman, President & CEO, Dominion Energy
9:20 – 9:30	Closing Comments Adjourn	Tom Frantz Co-Chair, RVA757 Connects



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Update

John W. Martin
President & CEO
RVA757 Connects



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Organizational Update

2021 Accomplishments

2022 Planning Direction

Comments & Discussion



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Organizational Update



2021 Accomplishments

2022 Planning Direction

Comments & Discussion



O&D Insurance

SELECTIVE
BE UNIQUELY INSURED™

Division of Insurance Liability Services
1825 Lee Blvd
New Haven

Resident For:
RVA757 CONNECTS
2015 ELIZABETH
KENTWOOD, VA 22082

INSURANCE BROKER/AGENT
SANDRA B. BAKER-CHURCH

Provided By:
VIRGINIA COMMERCIAL INSURANCE CORPORATION

The following provisions of insurance have been developed for the above recipient only.
THIS INSURANCE POLICY IS SUBJECT TO THE TERMS AND CONDITIONS SET FORTH IN THE POLICY.
This provision will apply after 30 days for the effective date of required coverage unless otherwise stated.

The coverage limit is \$1,000,000.

Conflict of Interest Executive Committee



CONFLICT OF INTEREST POLICY
Acknowledgment, and Disclosure Form

POLICY:
This Conflict of Interest Policy is designed to help trustees, officers, and employees of RVA757 Connects identify situations that present potential conflicts of interest and to provide RVA757 Connects with a procedure that, if observed, will allow a transaction to be treated as valid and binding even though a trustee, officer, or employee has or may have a conflict of interest with respect to the transaction.

THE WORDS "I AM INTERESTED" BETWEEN THE REQUIREMENTS AND PROCEDURES SPECIFIED HEREIN AND THOSE IN HIGHLIGHTED TEXT, ARE TO BE READ TOGETHER.

All capitalized terms are defined in the Definitions section A of this policy.

1. Conflict of Interest Defined

a. The purpose of this policy, a Conflict of Interest is an Agreement or Transaction between RVA757 Connects, and an entity in which a Responsible Person or Family Member has a Material Financial Interest or of which, such person is a director, officer, agent, partner, associate, trustee, general representative, trustee, guarantor, underwriter, contractor, or other legal representative.

b. Definition: "A Conflict of Interest" is any circumstance related to Conflict of Interest Defined (a).

c. "Responsible Person" is any person serving as an officer, employee, or member of the Board of Trustees of RVA757 Connects.

d. "Family Member" is a spouse, domestic partner, parent, child, or spouse of a child, grandchild, sibling, or grandchild of a trustee, officer, or agent of RVA757 Connects.

e. "Material Financial Interest" is an entity in a financial interest of any kind that, in view of all the circumstances, is substantial enough that it could, or reasonably could, affect a Responsible Person's or Family Member's judgment with respect to transactions for which the entity is party. This includes all forms of compensation.

f. An "Agreement or Transaction" is any agreement or relationship involving the sale or purchase of goods, services, or rights of any kind, the providing or receipt of a loan or grant, or the establishment of any other type of pecuniary relationship by RVA757 Connects. The making of a gift to RVA757 Connects is not an Agreement or Transaction within the meaning of this document.

2. Procedures:

a. Before Board or committee action on any Agreement or Transaction involving a Conflict of Interest, a trustee or committee member having a Conflict of Interest and who is an attendance of the meeting shall disclose all facts material to the Conflict of Interest. Such disclosure shall be reflected in the minutes of the meeting.

Filed 990



Our Transparency

All our legal documents, meeting minutes, and presentation materials are all available for you RVA757Connects.com

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Important Documents and Minutes

For questions about our document library, including requests for documents in larger print or other accessible formats, please submit an inquiry on our [CONTACT US](#) page.

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2021 Financial Picture




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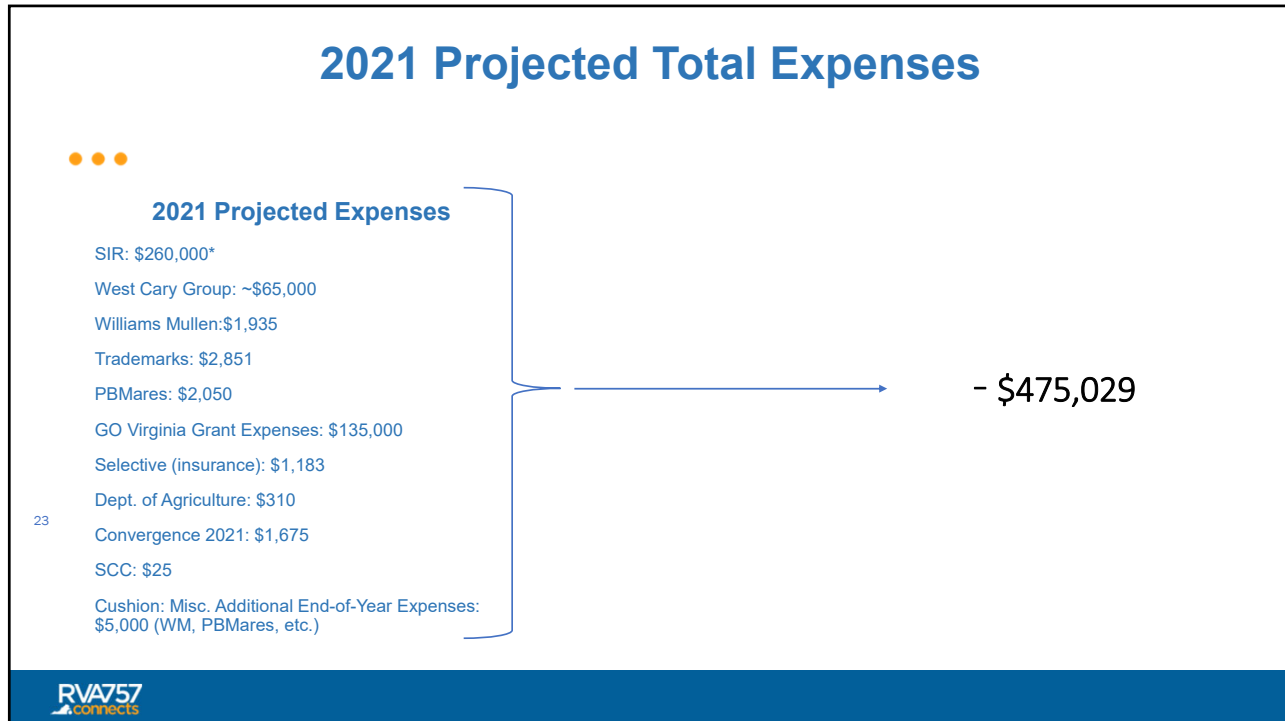
Cash “Revenue In” During 2021

● ● ●

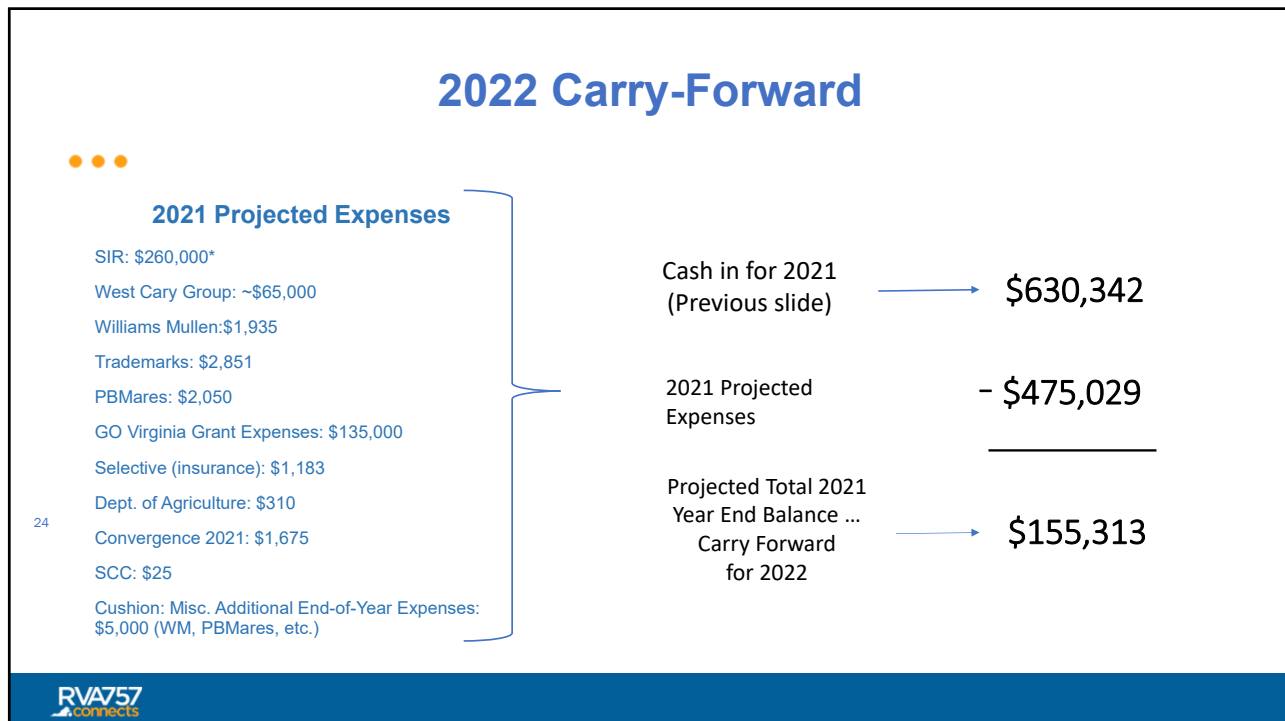
Carry Forward From Year End 2020	+	2021 Development From Corporations & Individuals	+	2021 From GO Virginia Study Grant	=	2021 Available
\$97,242		\$443,100		\$90,000		\$630,342



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2022 Budgeting

● ● ●

Projected Total 2021 Year End Balance ... Carry Forward for 2022	\$155,313
Total 2022 Financial Commitments from Corporation and Individuals (As of Dec. 3)	<u>\$445,100</u>
2022 Available Funds	\$600,413
	↓
2022 Projected Expenses – We will begin operations in 2022 on a \$500,000 budget and only expand our scope of work as it becomes clear that we have the resources to do so.	\$500,000

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Organizational Update



2021 Accomplishments

2022 Planning Direction

Comments & Discussion



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2021 Priorities



- Run the 501(c)3
- Advance** Innovation Corridor positioning
- Implement** Talent Pipeline Study
- Accelerate** understanding of digital connections
- Showcase** member initiatives
- Increase** research and development collaboration
- Support** Virginia Capital Trail completion
- Remove** passenger barriers on rail services
- Advocate** for widening of I-64



**Top Ten
Accomplishments**
(and Implications for 2022)



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**Managed Our 501(c)3
With an Engaged
Executive Committee**



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Executive Committee

Co-Chairs:
Theodore L. Chandler, Jr. Co-Founder and Managing Director, NRV
Thomas R. Frantz, Partner, Williams Mullen

EC Members:
Cliff Fleet, President/CEO, Colonial Williamsburg Foundation
Wilson H. Flohr, Jr, GO Virginia
Moses Foster, President/CEO, West Cary Group
Bob Holsworth, Managing Partner, DecideSmart
Sarah Jane Kirkland, President/CEO, CIVIC Leadership Institute
Aubrey L. Layne, Jr., Senior Vice President and Chief of Staff, Sentara Healthcare
Peggy Layne, Retired, Dominion Energy
John W. Martin, President/CEO, SIR & the Institute for Tomorrow
John F. Reinhart, Executive Director Emeritus, The Port of Virginia
James Spore, President, RelInvent Hampton Roads

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Executive
Committee
Meetings
in 2021



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Emerging Goal 2022

**Engage all directors
and MIC members.**



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Developed and packaged the I-64 Innovation Corridor Position



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www.RVA757Connects.com

**I-64
INNOVATION
CORRIDOR**



At this very moment, there is an incredible opportunity to drive the future success of Hampton Roads (757) and Greater Richmond (RVA).

With the creation of RVA757 Connects, RVA and 757 are joining forces to spark the I-64 Innovation Corridor — an 8,000 square mile region that runs from Richmond to Hampton Roads along interstate I-64. Through the I-64 Innovation Corridor we connect, collaborate, and create new ways to deliver business opportunities, scientific breakthroughs, world-class healthcare, military advancements, artistic endeavors, and equitable social and economic opportunities.

[Learn More](#)

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Emerging Goal 2022

Reinforce our innovation positioning through enhanced communications.

RVA757 connects

This slide features a blue header bar with the RVA757 connects logo. The main content is centered in a light blue rounded rectangle, with the text 'Emerging Goal 2022' in a smaller blue box above it. The footer is a solid blue bar with the RVA757 connects logo.

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Launched Communications Program

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This slide features a yellow oval background with the number '8' in a white circle at the top. Below it, the text 'Launched Communications Program' is written in blue. The footer is a solid blue bar with the RVA757 connects logo.

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Our Key Audiences

RVA and 757 local, regional, and state-level elected officials

RVA and 757 federal delegation

RVA and 757 business community leaders

RVA and 757 opinion leaders

RVA and 757 economic development industry + VEDP

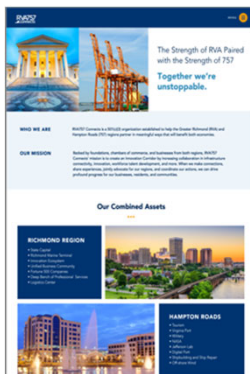
Governor's office and state agency heads



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Our Communications System Shares Our Story & Focus Areas

What



Why



Who



How



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Emerging Goal 2022

Make our communications system much more dynamic and build our database of business leader contacts.

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**Raised Over \$1M
in Financial Support**

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Our Development Committee – Goal \$500K Annual Budget

Jim Kibler (Next Paradigm Advisors, LLC) – Co-Chair (757)

Mitch Haddon (ColonialWebb Contractors Company) – Co-Chair (RVA)

Shawn Avery – Hampton Roads Workforce Council

Anne Conner – TowneBank

Dawna Ellis – Harvey Lindsay Commercial Real Estate

Ross Grogg – Kemper Consulting

Brad Hulse – Hourigan

Martin Joseph – 360 IT Partners

Brian Rountree – Bank of America



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RVA757 Connects' Corporate Supporters - 757



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RVA757 Connects' Corporate Supporters - RVA

The slide displays the logos of ten corporate supporters for RVA757 Connects in the RVA region. The logos are arranged in a grid-like fashion. At the bottom left of the slide is the RVA757 Connects logo.

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RVA757 Connects' Corporate Supporters

The slide displays the logos of sixteen corporate supporters for RVA757 Connects. The logos are arranged in a grid-like fashion. At the bottom left of the slide is the RVA757 Connects logo.

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RVA757 Connects' Individual Supporters



- Theodore L. Chandler, Jr.
- Cliff Fleet
- Wilson H. Flohr, Jr.
- Thomas R. Frantz
- Moses Foster
- Robbyn Gayer
- Ross Grogg
- Mitch Haddon
- Bob Holsworth
- Martin A. Joseph
- Jim Kibler
- Sarah Jane Kirkland
- Harry T. Lester
- John W. Martin
- John F. Reinhart
- Bernard Robinson, Sr.
- Douglas L. Smith
- James Spore
- Jim Ukrop
- John O. "Dubby" Wynne



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We're on a Path to Sustainability

\$1.2 Million Raised (So Far)

Projected Funding	2021	2022	2023	
Received	\$306,500	-	-	
Committed	\$136,600	\$445,100	\$347,600	
Total	\$443,100	\$445,100	\$347,600	\$1,235,800
Distance from Goal (\$500k)	(\$56,900)	(\$54,900)	(\$152,400)	



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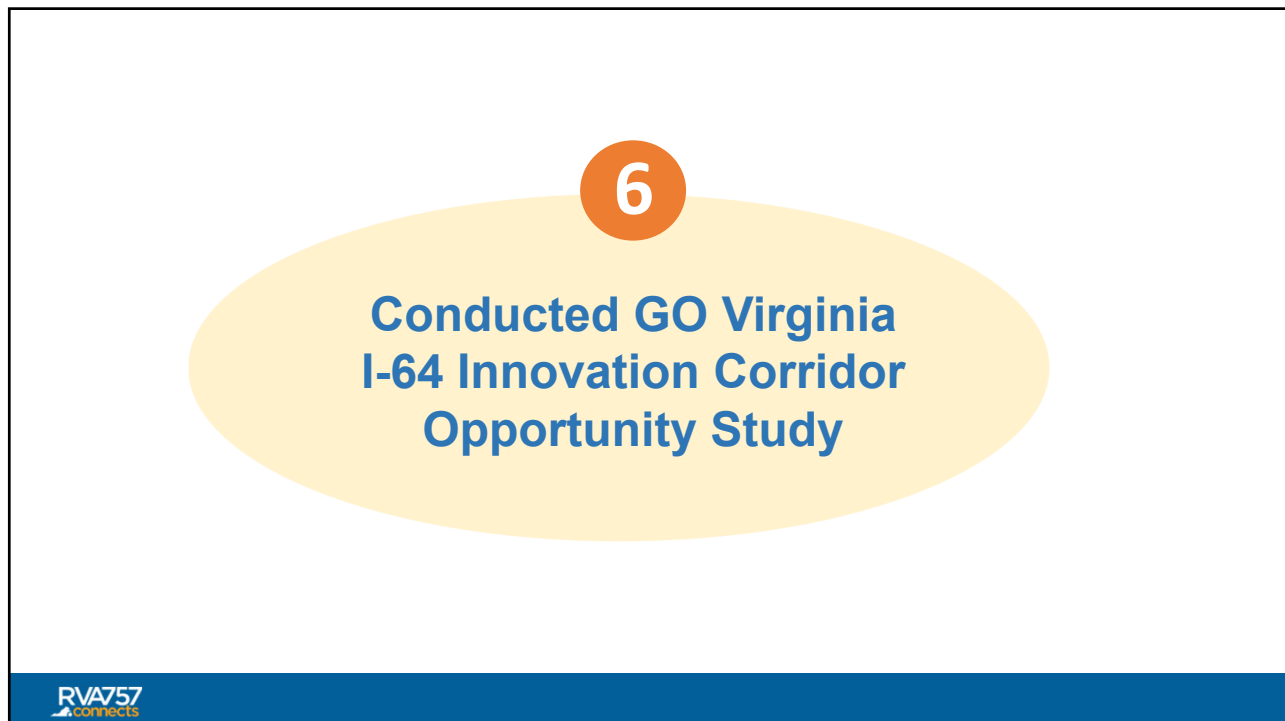
Emerging Goal 2022

Meet our annual sustainability fundraising goals.

RVA757 connects

This slide features a white background with a blue header bar at the bottom containing the RVA757 connects logo. The main content is centered in a light blue rounded rectangle. Above this rectangle is a smaller blue rounded rectangle with the text 'Emerging Goal 2022' in white. The main text 'Meet our annual sustainability fundraising goals.' is in a large, bold, black font.

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6

Conducted GO Virginia I-64 Innovation Corridor Opportunity Study

RVA757 connects

This slide features a white background with a blue header bar at the bottom containing the RVA757 connects logo. The main content is centered in a yellow oval. Above the oval is a small orange circle with the number '6' in white. The text 'Conducted GO Virginia I-64 Innovation Corridor Opportunity Study' is in a bold, blue font.

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VIRGINIA INITIATIVE FOR
**GROWTH &
OPPORTUNITY**
IN EACH REGION

Conducted I-64 Innovation Corridor
Opportunity Study:
**Our Profile Today
and Opportunities
for Tomorrow**

**Shared Findings
At Previous Meetings:**

1. Lag other regions.
2. Need to invest in high-growth industries.
3. Promising opportunity clusters:
 - National Security / Cyber Security
 - Pharmaceutical Manufacturing & Life Sciences
 - Logistics / Distribution / Supply Chain
 - Data Centers / Digital Network
 - Talent Retention Challenge
4. We are educating people for these categories.
5. Must overcome talent retention challenges.

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RVA757 Connects 47

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Emerging Goal 2022

Package and promote findings
to advance I-64 Innovation
Corridor and future grant
requests.

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Added More Amazing Board Directors and MIC Members

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Our Nominations Committee

Co-Chairs

Sarah Jane Kirkland – CIVIC Leadership Institute

Moses Foster – West Cary Group

Theodore L. Chandler, Jr.
Co-Founder and Managing Director, NRV

Thomas R. Frantz
Partner
Williams Mullen

Cliff Fleet
President/CEO,
Colonial Williamsburg Foundation

Wilson H Flohr, Jr.
GO Virginia

Bob Holsworth
Managing Partner, DecideSmart

Aubrey L. Layne, Jr.
Senior Vice President,
Chief of Staff, Sentara Healthcare

Peggy Layne
Retired, Dominion Energy

John W. Martin
President/CEO, SIR

John F. Reinhart
Executive Director Emeritus,
The Port of Virginia

James Spore
President, ReInvent Hampton Roads

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June 2021 Board/MIC Meeting – New Board Members



Monique Adams
Executive Director
757 Angels



Glenn DuBois
Chancellor
Virginia's Community Colleges
(VCCS)



Javaune Adams-Gaston
President
Norfolk State University



Stephen A. Edwards
CEO & Executive Director
The Port of Virginia



Robby Demeria
Chief of Staff
Phlow Corporation



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September 2021 Board/MIC Meeting – New Board & MIC Members



Makola M. Abdullah
President
Virginia State University



William R. Harvey
President
Hampton University



Maurice A. Jones
Chief Executive Officer
OneTen



Calvin W. "Woody" Fowler, Jr.
Partner
Williams Mullen



Todd P. Haymore
Managing Director
Hunton Andrews Kurth



Alan Witt
Dean
Luter School of Business
Christopher Newport University



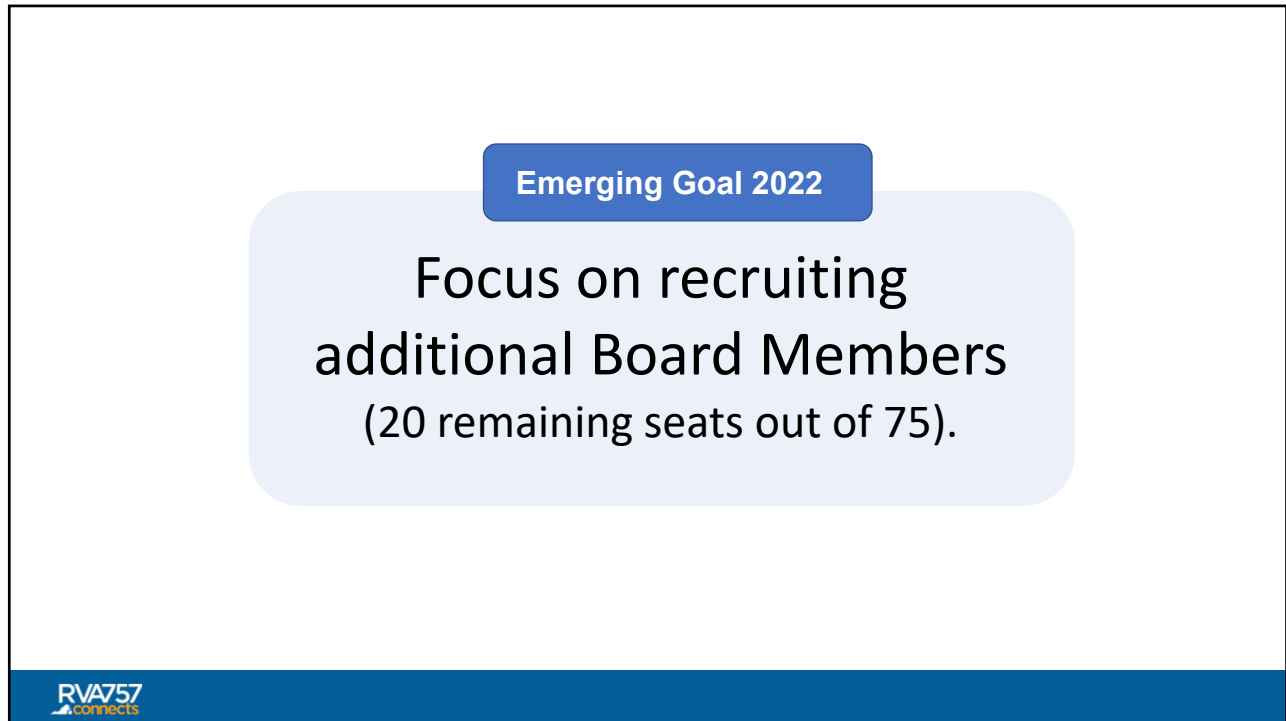
Greg Garrett
Senior Partner/CEO
Garrett Realty Partners



Brian O. Hemphill
President
Old Dominion University



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Emerging Goal 2022

Focus on recruiting additional Board Members
(20 remaining seats out of 75).

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Supported Directors' / MIC's Initiatives

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Coastal Virginia Offshore Wind

Propelling Renewable Energy Forward

[Sign Up to Learn More](#)

[About CVOW](#) |
 [News](#) |
 [Learn](#) |
 [Connect](#)

[Take a Closer Look, Virtually](#)

▼

RVA757 Connects 25

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Regional Build Back Better Regional Challenge Grant

October 15, 2021

Secretary Ramondo
 US Department of Commerce
 1421 Constitution Ave NW
 Washington, DC 20230

Linda Cruz-Carnal
 Regional Director
 Economic Development Administration
 Philadelphia Regional Office
 Robert N.C. 108 Federal Building
 900 Market Street, Room 602
 Philadelphia, PA 19107

Re: Build Back Better Regional Challenge Grant

Secretary Ramondo:

I am writing in support of Reinvigorate Hampton Roads' (Reinvigorate) application submission for funding through the Build Back Better Regional Challenge Grant (2021).

RVA757 Connects is a 501(c)(3) organization dedicated to improving the economic success and quality of life for everyone in the Richmond (RVA) and Hampton Roads (HR) regions. We are an inclusive, mutually supportive network of leaders representing business, community, and higher education, are advancing the Richmond-Hampton Roads megaregion as the USA Innovation Corridor, a model of innovation and inter-regional collaboration.

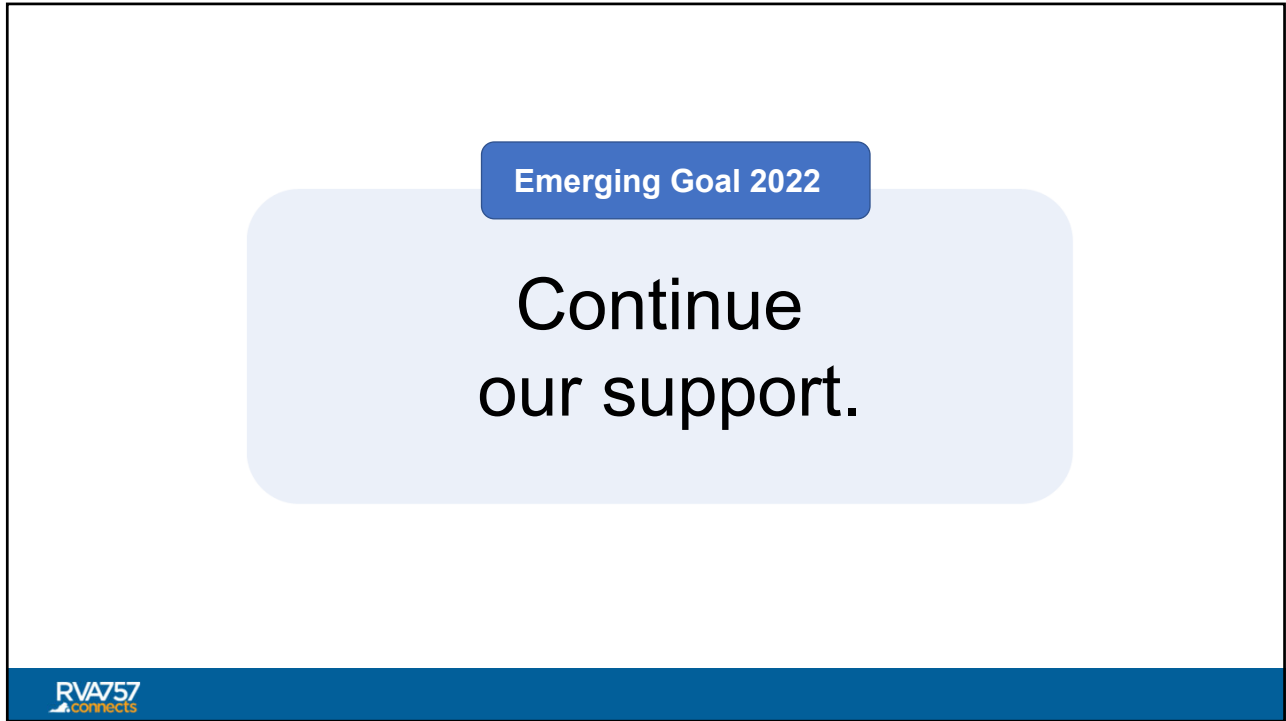
We have read Reinvigorate Hampton Roads' 800 application submission, and we fully support it. Reinvigorate Hampton Roads is leading this effort, and the 800 Task Force of Hampton Roads is a proven force. This plan builds upon the region's COVID recovery work and is based on a foundation of strategic research.

First, we fully support this application, knowing that Reinvigorate is the lead organization. Reinvigorate is one of our megaregion's most trusted conveners, collaborators, and community-builders. They have a six-decade track record of bringing people and organizations together to make great things happen. business, community, and higher education leaders from five different cities to join as one force. This was no small feat.

Second, the Hampton Roads 800 Task Force is a proven force. Over the last few years, RVA757 Connects has worked with the leadership of the more than 20 regional coalition partners, representing more than 5,000 Hampton Roads stakeholders. From our perspective, the Hampton Roads region - 17

RVA757connects.com

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Emerging Goal 2022

Continue
our support.

RVA757
connects

This slide features a central light blue rounded rectangle containing the text "Continue our support." Above this rectangle is a smaller dark blue rounded rectangle with the text "Emerging Goal 2022". The slide is framed by a dark blue footer bar at the bottom containing the RVA757 connects logo.

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Advanced
Our Priorities

RVA757
connects

This slide features a central yellow oval containing the text "Advanced Our Priorities" in blue. Above the oval is a small orange circle with the number "3" in white. The slide is framed by a dark blue footer bar at the bottom containing the RVA757 connects logo.

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I-64 Gap Project

Bike Trail

Build Back Better

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Emerging Goal 2022

Continue our support.

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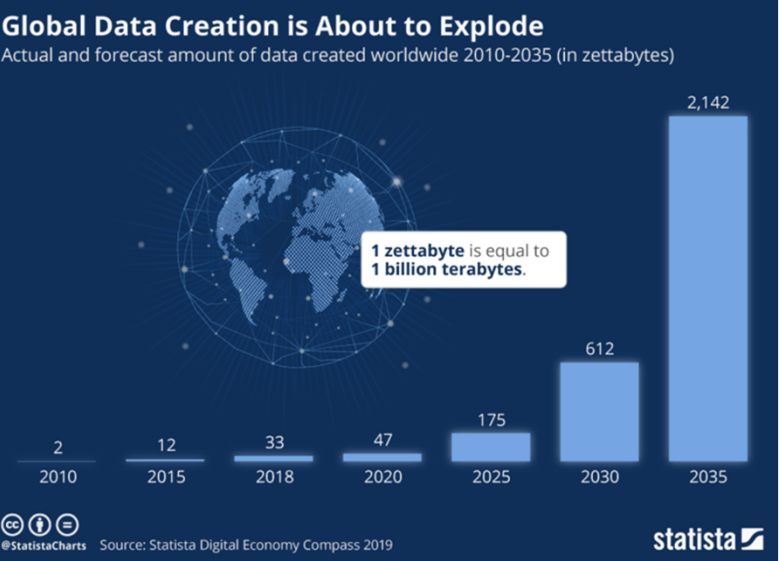
Identified and Raised Awareness of a Transformational Strategy – Global Internet Hub



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Data Explosion
(and data security)

Global Data Creation is About to Explode
Actual and forecast amount of data created worldwide 2010-2035 (in zettabytes)



Year	Amount (zettabytes)
2010	2
2015	12
2018	33
2020	47
2025	175
2030	612
2035	2,142

@StatistaCharts Source: Statista Digital Economy Compass 2019



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Our transformational opportunity to build the backbone of a 21st century economy.



- **Phase 1: Networks, like deep sea cables, attract data centers.** As the data center hub grows and increases in importance, more networks establish themselves in the area. This growth leads to even more inter-connected networks – an internet ecosystem.
- **Phase 2: A vibrant, growing internet ecosystem attracts tech talent,** particularly related to applications development and commercialization.
- **Phase 3: Companies are attracted to the growing pool of tech talent and major “exchange point” hubs,** realizing the benefits of hyper-connectivity, digital speed, massive real-time data acquisition, and access to computing capabilities such as ML (machine learning) and AI (artificial intelligence).
- **Phase 4: Success fuels momentum.** More talent and companies are attracted to the region. Existing companies expand. New companies are started – all supporting the companies and jobs of tomorrow.



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I-64 Innovation Corridor is becoming a Global Internet Hub



Key Assets

Network Access Point (NAP)

Where data center, subsea fiber and terrestrial networks converge

Facebook
(Hyperscale)
\$4B investment
2M+ sq. ft.
160MW



QTS Richmond
(Wholesale)
1.4M sq. ft.
World's 4th
largest



4 Deep-sea Cables



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Experts Feel We Have the 10 Key Factors of Success.



Criteria for Success

1. Access to international deep-sea cables
2. Data centers
3. Robust network of local fiber optic cables
4. Inexpensive power and/or access to renewable sources of energy
5. Inexpensive land
6. Low risk of natural disaster
7. Proximity to large populations
8. Tech-savvy workforce
9. Economic incentives
10. Enlightened Leaders



RVA757 Connects' White Paper: *Becoming a Global Internet Hub*

- September 2021
- Board-MIC Meeting
- October 1 – B2B Webinar with CIVIC Leadership Institute
- October 27 – 2021 Convergence



BECOMING A GLOBAL INTERNET HUB

September 13, 2021

The I-64 Innovation Corridor – an 8,000-square-mile megaregion that runs from Richmond to Hampton Roads – is well on its way to becoming a full-fledged global internet hub.

This white paper details what a global internet hub is, why the distinction is important, the benefits a global internet hub offers businesses and entire communities, and why time is of the essence in realizing this promise for the I-64 Innovation Corridor.

This paper is made possible through RVA757 Connects, a 501(c)(3) organization dedicated to improving the economic success and quality of life for everyone in the Richmond (RVA) and Hampton Roads (HR) regions. We are an inclusive, mutually supportive network of leaders representing business, higher education, and community stakeholders. We identify, support, and advance major opportunities, initiatives, and projects that will benefit both the RVA and HR regions for generations to come. Advancing the awareness of and support for the I-64 Innovation Corridor in becoming a global internet hub is one of our organization's priorities. In fact, we believe this cause has the potential to transform our megaregion.

Global Internet Hubs

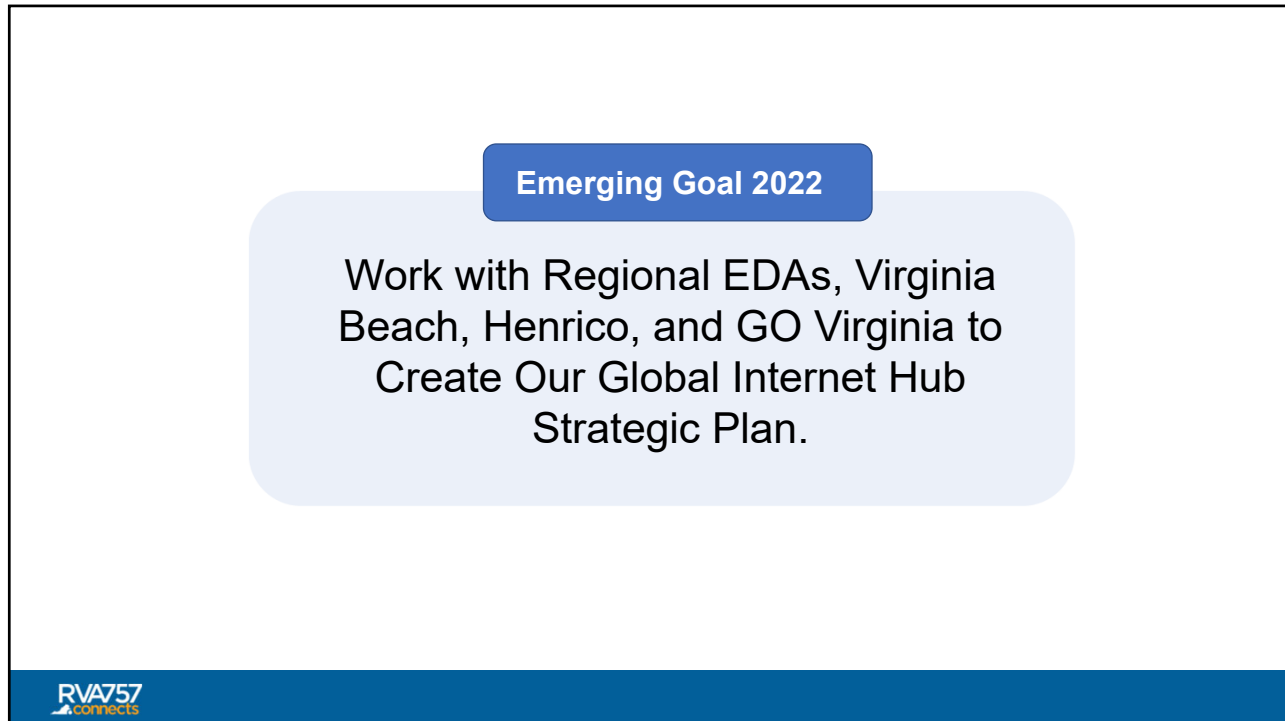
The best way to understand global internet hubs, or any internet hub city for that matter, is to see them as the concentrated hot spots, or nodes, on a world map of the internet.

The internet ecosystem is a collaborative "business model," a hyper-competitive set of interlocking partnerships that create and support a global network. These partnerships operate on local, country, and international levels. Continue rapid innovation, security, trust, and ability to scale are essential competencies to successfully operate in this system. While there are regulatory issues that come into play, in general, technology experimentation and associated growth is limited by talent and adjacent enabling capabilities much more than that regulations.

The notion of supply and demand is abstract, as much of the industry fills the growing network capacity as fast as it is built. With the ecosystem in a perpetual state of expansion, the concept of creative replacement is everywhere, and COVID-19 has increased the slope of the growth curve even more. In this industry, one doesn't compete, but rather collaborates and grows with the system.

Internet hubs are physical locations where carrier networks, content delivery networks (CDNs), social networks, cloud services, hosting, gaming, and IT service providers choose to co-locate, and interconnect, usually within a massive data center (called internet exchange point or IXP) or within several data centers in the same metropolitan region via a cross connection.





Emerging Goal 2022

Work with Regional EDAs, Virginia Beach, Henrico, and GO Virginia to Create Our Global Internet Hub Strategic Plan.

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Advanced Collaboration

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Commonwealth Center for Cloud Computing
Work Group Report
December 1, 2021

This document represents the report of a workgroup established to develop a plan for the Commonwealth Center for Cloud Computing as described in the enabling legislation described below. This report presents guiding principals for the creation and expansion of a Commonwealth Center for Cloud Computing, operational cost estimates for the first three years, cost sharing strategies to leverage partnerships with the private sector, and more broadly, key findings of the workgroup.

Background Legislation Approved February, 2021 (redacted)
<https://budget.lis.virginia.gov/Item/2021/2/h/1800/reenrolled/2/c-68-50/>

Virginia Commonwealth University is hereby authorized \$6,880,000 the first year from bond proceeds of the Virginia College Building Authority to provide funds for the support, acquisition and installation of High-Performance Computing tools for the development of the Commonwealth Center for Cloud Computing (C4). G. The conditions required in order to receive the allocation from paragraph F. 2. of this item are:

1. Virginia Commonwealth University shall convene a "Workgroup" comprised of the University of Virginia, Virginia Tech, Old Dominion University, Virginia State University, J. Sargeant Reynolds College, and representatives from the Commonwealth Center for Advanced Manufacturing (CCAM) and the Commonwealth Center for Advanced Logistics for the expressed purpose of developing a plan for the Commonwealth Center for Cloud Computing (C4). [Note: George Mason University was added to this initial Workgroup.]
2. The Plan shall identify areas of research relevant to the C4, guiding principles to ensure continued collaboration between and among the partnering entities, opportunities for potential expansion of other institutions and entities, linkages with the Commonwealth Cyber Initiative, the Cyber Range and the Greater Washington Partnership, operational cost estimates and cost sharing strategies between and among the partnering institutions and entities to include potential for leveraging private sector partnerships.
3. The workgroup shall submit the report by December 1, 2021 to the Chairs of the House Appropriations and Senate Finance and Appropriations Committees and the Governor.
4. After adoption of the report by the General Assembly, the funding provided in paragraph F. 2. shall be released to Virginia Commonwealth University to support the creation of the operations of the Commonwealth Center for Cloud Computing (C4).



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Emerging Goal 2022

COLLABORATE!

Make the 2022 plan all about driving even greater collaboration.



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2021 Priorities



Run the 501(c)3

Advance Innovation Corridor positioning

Implement Talent Pipeline Study

Accelerate understanding of digital connections

Showcase member initiatives

Increase research and development collaboration

Support Virginia Capital Trail completion


Remove passenger barriers on rail services

Advocate for widening of I-64



*We're Just
Getting Started*

Comments &
Questions




Organizational Update

2021 Accomplishments

2022 Planning Direction

Comments & Discussion



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Organizational Update

2021 Accomplishments

2022 Planning Direction

Comments & Discussion



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RVA757 Connects' Executive Committee's November 2021 Planning for 2022

How can we better engage and tap into everyone – to drive results?

How can we make the biggest impact with our modest 2022 \$500K operating budget?



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**2022 Planning:
Our North Star**



78

What We Are About

Our Mission

Improve the **economic success and quality of life** for everyone in the RVA and 757 regions.

Our Greatest Asset

We are an inclusive, mutually supportive **network of leaders** representing community, business, and higher education.

Our Pathway

We identify, support, and advance **major opportunities, initiatives, and projects** that will meaningfully benefit our communities for generations to come.

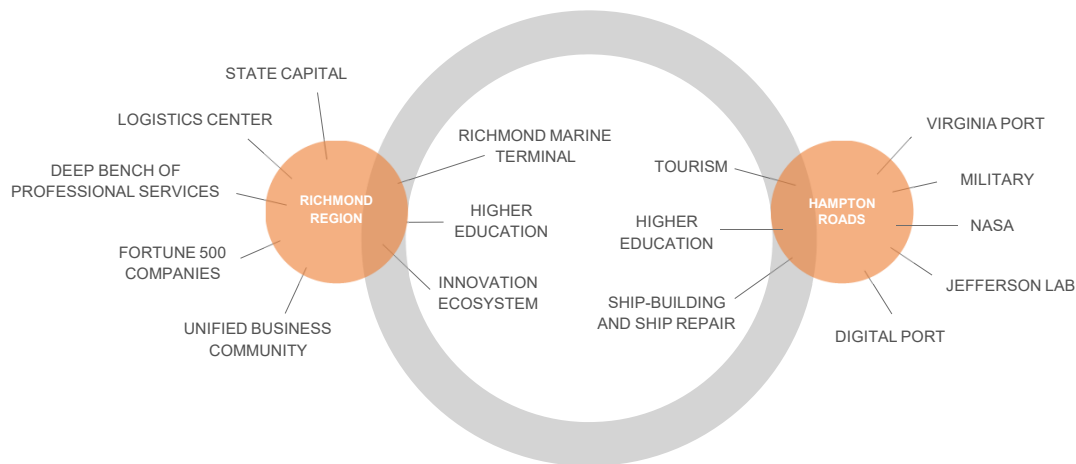


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Collaboration Enables Us to Add Strength to Strength



PRIMARY REGIONAL ASSETS



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Our Key Performance Measures

Long-term, we help advance key economic success measures.

1 Increase gross domestic product (GDP) in both markets	2 Increase per capita income in both markets	3 Increase private and government investment in both markets	4 Increase job growth in both markets	5 Increase the qualified talent pool in both markets	6 Increase the quality of life and well-being in both markets
---	--	--	---	--	---

Short-term, we help advance collaboration on projects that drive these long-term KPIs.


Today's Examples:

I-64 Gap

Passenger Rail


Capital Trail

Global Internet Hub

RVA757 Connects 41

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Our Charge Is Becoming Increasingly Important

RVA757 Connects 41

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We Lag Behind Peer Regions in Population Growth



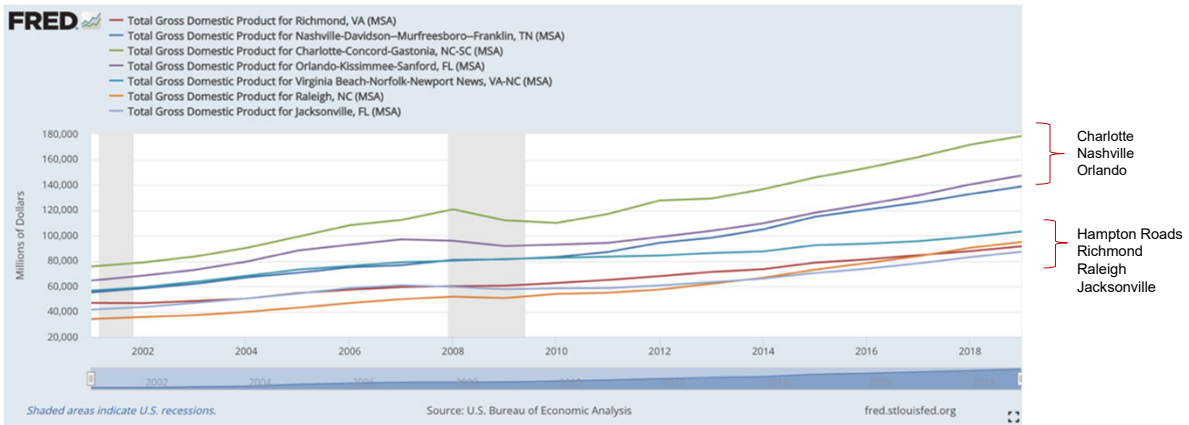
Region	Population (2019)	Population Annual Average Growth (2009-2019)
Raleigh-Cary, NC MSA	1,390,785	2.3%
Nashville-Davidson--Murfreesboro--Franklin, TN MSA	1,934,317	1.7%
Charlotte-Concord-Gastonia, NC-SC MSA	2,636,883	1.7%
Denver-Aurora-Lakewood, CO MSA	2,967,239	1.7%
Orlando-Tampa FL Megaregion	5,802,978	1.8%
Jacksonville, FL MSA	1,559,514	1.6%
Atlanta-Sandy Springs-Alpharetta, GA MSA	6,020,364	1.4%
Columbus, OH MSA	2,122,271	1.2%
Charlottesville, VA MSA	218,615	0.9%
Richmond, VA MSA	1,291,900	0.9%
Washington-Arlington-Alexandria, DC-VA-MD-WV MSA	6,280,487	1.2%
I-64 Innovation Corridor (without Eastern Shore)	3,067,223	0.6%
I-64 Innovation Corridor (including Eastern Shore)	3,111,249	0.6%
Virginia Beach-Norfolk-Newport News, VA-NC MSA	1,768,901	0.4%

Source: JobsEQ® by Chmura



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We Lag Behind Peer Regions in GDP



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Our Future Growth Is Projected to Lag Other Regions



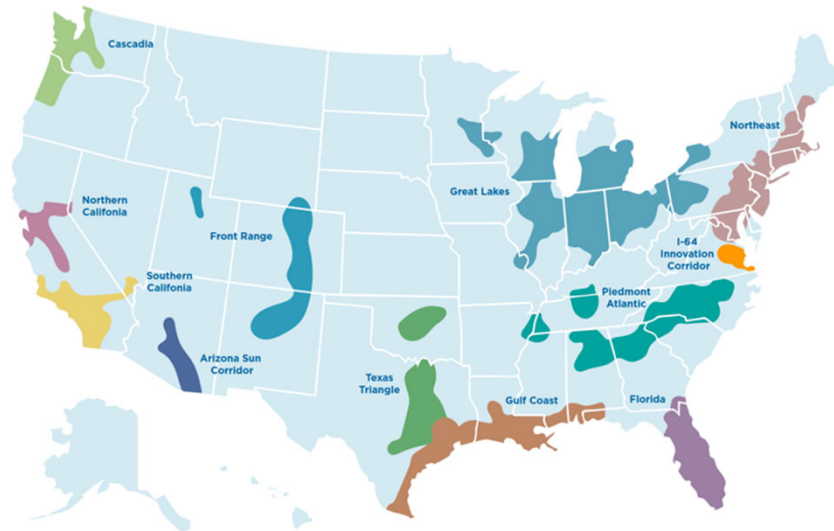
Region	Population (2019)	Employment (2020)	Forecast Employment Growth (Average Annual Rate 2020-2030)
Raleigh-Cary, NC MSA	1,390,785	662,325	1.6%
Nashville-Davidson--Murfreesboro--Franklin, TN MSA	1,934,317	1,034,884	1.5%
Charlotte-Concord-Gastonia, NC-SC MSA	2,636,883	1,276,784	1.4%
Denver-Aurora-Lakewood, CO MSA	2,967,239	1,572,471	1.4%
Orlando-Tampa FL Megaregion	5,802,978	2,689,782	1.3%
Jacksonville, FL MSA	1,559,514	721,122	1.2%
Atlanta-Sandy Springs-Alpharetta, GA MSA	6,020,364	2,834,590	1.1%
Columbus, OH MSA	2,122,271	1,076,754	0.7%
Charlottesville, VA MSA	218,615	113,625	0.5%
Richmond, VA MSA	1,291,900	656,014	0.5%
Washington-Arlington-Alexandria, DC-VA-MD-WV MSA	6,280,487	3,267,882	0.4%
I-64 Innovation Corridor (without Eastern Shore)	3,067,223	1,437,029	0.2%
I-64 Innovation Corridor (including Eastern Shore)	3,111,249	1,455,055	0.2%
Virginia Beach-Norfolk-Newport News, VA-NC MSA	1,768,901	778,697	-0.1%

Source: JobsEQ® by Chmura



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Other Areas Are Ramping Up



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Cascadia Innovation Corridor



ABOUT STEERING COMMITTEE ACTIVITIES EVENTS PARTNERSHIPS GET INVOLVED

CASCADIA INNOVATION CORRIDOR

A CROSS-BORDER INITIATIVE

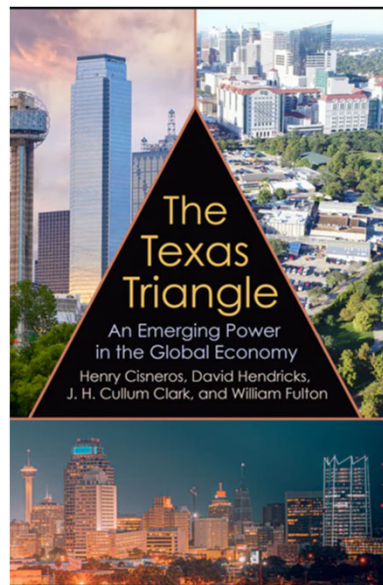


THE FUTURE IS CASCADIA

Vancouver, B.C., Seattle and Portland have much in common: unsurpassed beauty, proximity to Asia, and market-leading capabilities in key economic sectors. By linking these cities, the Cascadia Innovation Corridor will create opportunity and prosperity beyond what they and their surrounding regions could achieve independently. Together, we can be the next global innovation ecosystem and a leader in solving some of the world's toughest challenges. Together, we are the Cascadia Innovation Corridor.

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The Texas Triangle



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Florida High Tech Corridor



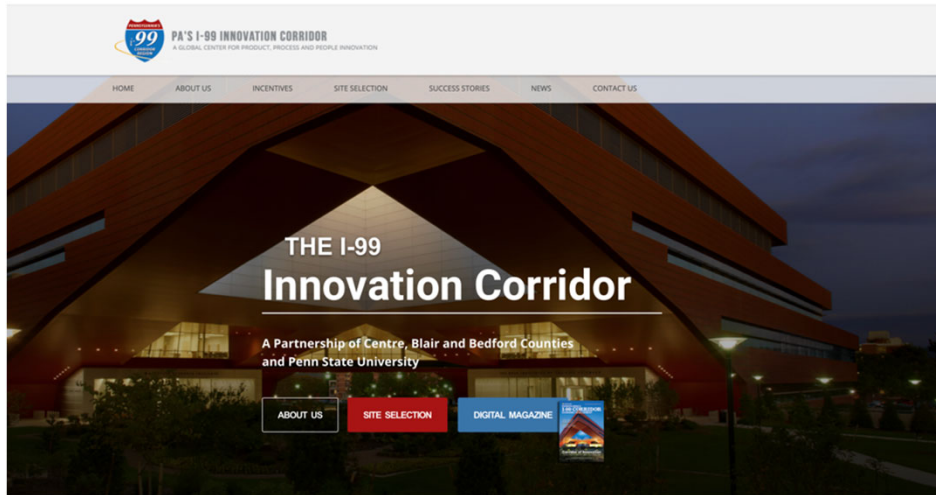
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I-69 Innovation Corridor



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PA's I-99 Innovation Corridor



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Delaware Valley Innovation Corridor

Delaware Valley Innovation Corridor

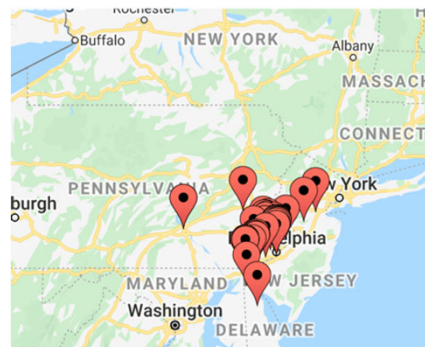
The Delaware SBDC and Pennsylvania SBDC are working together to repurpose and grow the enormous technology talent available in the region. The two SBDCs are leveraging unique, complementing services and expertise into a powerful economic recovery program that can spur the growth of new and established small firms, based primarily on leveraging technology development and innovation. The goal is to create a model of a long-term, sustainable innovation ecosystem for technology businesses in the Delaware Valley.

Technology Assistance

The Pennsylvania SBDC helps small firms bring new products to market by addressing sophisticated business management issues including alternative financing, intellectual property, product development and [commercialization](#).

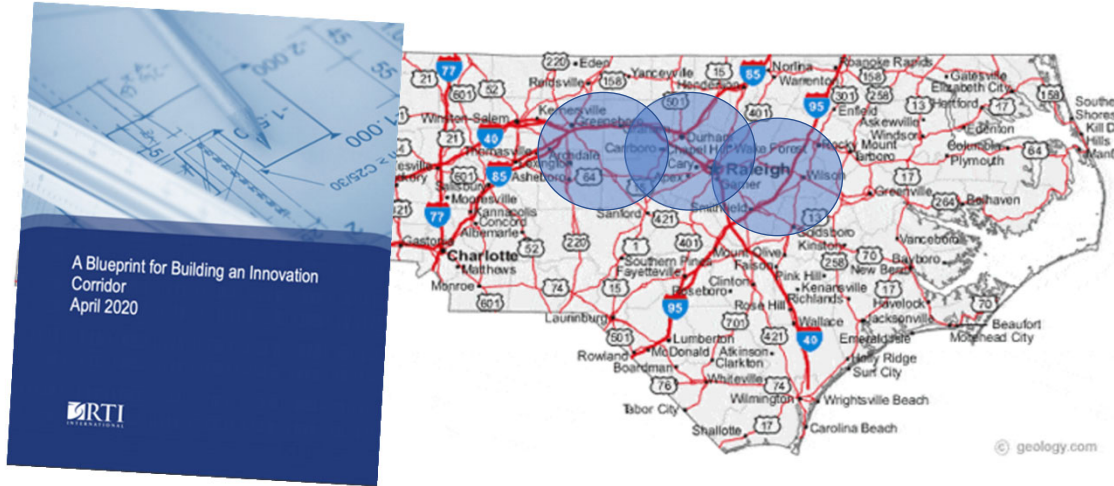
This specialized consulting service is available to all businesses in Pennsylvania looking to determine the viability of technologies, obtain financing, or introduce new technologies to market.

Contact your [local SBDC](#) today to discuss your company's technology needs.



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NC Innovation Corridor



Balt.-Richmond Innovation Corridor



OUR APPROACH | OUR TEAM | REGIONAL MOBILITY | SKILLS & TALENT | IN THE NEWS | CONTACT US

FROM BALTIMORE TO RICHMOND

Fostering Unity. Advancing Growth.

The Greater Washington Partnership is a first-of-its-kind civic alliance of CEOs in the region, drawing from the leading employers and entrepreneurs committed to making the Capital Region - from Baltimore to Richmond - one of the world's best places to live, work and build a business.

Get to know us --

OUR REGION

The Capital Region from Baltimore to Richmond is the third largest economy in the United States and seventh largest in the world. Our diversity and history have resulted in

2022 Executive Committee Recommendations

2022 Goals and Focus Areas



1. Advance Infrastructure Priorities
2. Support Infrastructure Opportunities
3. Finalize Nominations
4. Expand Development
5. Ramp-up Communications
6. Build Government Relations
7. Drive Board and MIC Engagement

Follow Our 3Cs:
Convene,
Coordinate, and
Collaborate... not
run exclusively.

1. Advance Our Infrastructure Priorities



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2022 Infrastructure Priorities



Overall Goal:

- Advance RVA757 Connects' major priorities – I-64 Gap, GIH, Trail, Rail, etc. – Create a plan for each.

2022 Projected Work:

- Convene, collaborate, but not run any one priority.
- Establish MIC RVA757 Connects Co-chairs.
- Ask MIC to hold separate meetings.
- Have MIC leaders report to EC and Board on optimal ways to support key infrastructure priorities.
- Consider work streams / task forces of RVA757 Connects Directors and MIC members based on MIC recommendations.

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2. Support Infrastructure Opportunities

(Ask requested)

99

2022 Infrastructure Opportunities

● ● ●

Overall Goal:

- Remain open to supporting directors' and MIC member projects.


2022 Projected Work:

- Work closely with directors and MIC members with major projects:
 - Dominion
 - Alliance and GRP
 - Virginia Natural Gas
 - Jefferson Labs



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3. Finalize Nominations



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2022 Nomination Committee

● ● ●

Overall Goal:

- Round out the RVA757 Connects' board by May 2022 – fill remaining ~20 seats.
- Formulate strategic plan for Board and MIC representation.

2022 Projected Work:

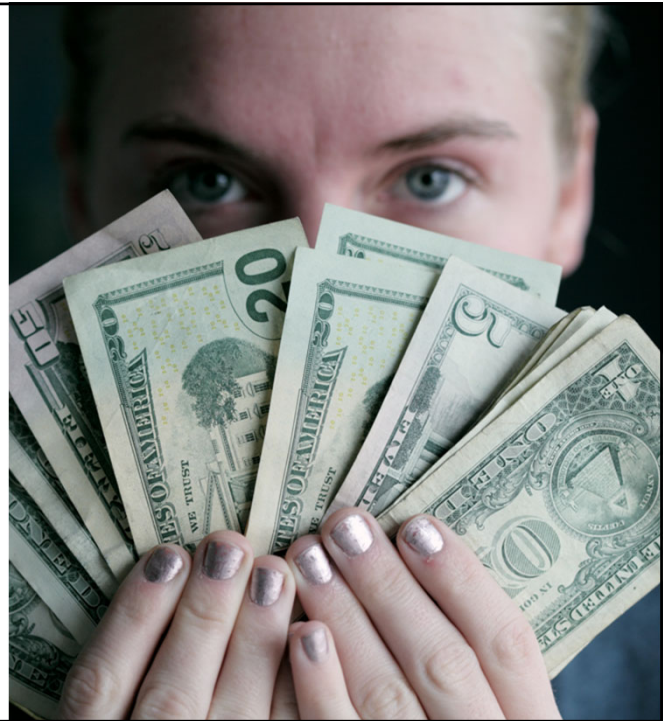
- Recruiting ~20 new directors.
- Formulating board seat strategy – terms, positions, etc.

We will defer setting up the Megaregion Innovation Council until 2023. This affords greater focus on immediate opportunities.



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4. Expand Development



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2022 Development Committee



Overall Goal:

- Finalize 2021 fundraising efforts.
- Finalize three-year commitments 2021-2023 – to reach \$500K annual budget.
- Explore fundraising / development efforts beyond directors and MIC.

2022 Projected Work:

- Ensure all commitments are collected. Approach all current directors and MIC members who have not made a 2021-2023 commitment.
- Create and implement a development program beyond directors and MIC. Target third-parties that are related to priority infrastructure areas.

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2022 Communications



Overall Goal:

- Keep stakeholders informed on RVA757 Connects' priorities and active collaboration.
- Increase database ten-fold – to 5,000 stakeholders / followers.
- Build the I-64 Innovation brand.

2022 Projected Work:

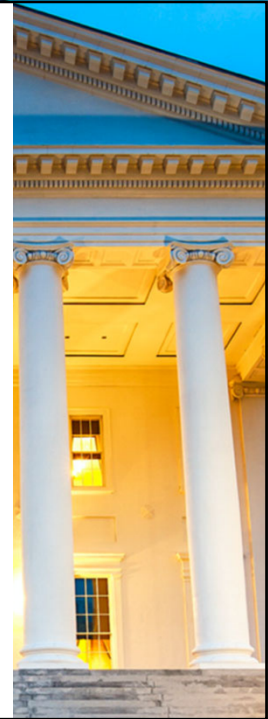
- Make the communications effort much more dynamic.
- Hire full-time Communications Content Manager.
- Establish a Communications Task Force. Tap into volunteers:

Kiki – Katherine Carleton, Business Development Strategist at Williams Mullen.

[Dawna L. Ellis, CCIM](#) – Chief Financial Officer & Chief at Harvey Lindsay – RVA757 Connects' speaker's bureau.

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6. Build Government Relations



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2022 Government Relations



Overall Goal:

- Raise awareness among state government leaders and elected officials on RVA757 Connects, the I-64 Innovation Corridor, and our priorities.

2022 Projected Work:

- Establish a standing RVA757 Connects' Government Relations Committee.
- Create and advance our agenda:
 - Coordinate with Chambers.
 - Create and produce materials.
 - Give presentations to joint RVA and 757 regional caucus.
 - Organize calls and visits to key state government leaders and elected officials.

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**7.
Drive Board
& MIC
Engagement**



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...

84%  **Members
want to help on
work streams**

**As RVA757 Connects moves forward, are you interested in
serving on a committee or work stream?**



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Interest in Work Streams

Topic	Goal	% Interest
Global Internet Hub	Become a global internet hub. This includes helping accelerate the understanding and support of our megaregion's growing digital connections, internet infrastructure, and internet ecosystem.	42%
Future Target Industry Clusters	Advance promising industry clusters that span the megaregion. These include National Security/Cybersecurity, Biotech and Life Sciences, Transportation and Logistics, and Data/Analytics. Support our economic development agencies' work in megaregion-wide cluster development planning efforts.	42%
New Apprenticeships	Work with the business community, institutions of higher education, RVA NOW, and Campus757 to create a new type of college-level apprenticeship. This idea may give participating students and employers a longer time to get to know one another and the provided funding to make this happen.	33%
I-64 Widening	Widen I-64 between Bottoms Bridge (near RIC) and Williamsburg. This work centers on convincing governmental agencies and elected officials of the economic importance to have three lanes in each direction on I-64 connecting RVA and 757. There is currently a 29-mile gap that's only two lanes wide.	29%
Communications	Advance RVA757 Connects' communications efforts. This includes building awareness of the I-64 Innovation Corridor and showcasing member initiatives.	17%
Research & Development Collaboration	Increase research and development collaboration. This includes identifying and supporting organizations in our megaregion, especially institutions of higher education and the national labs located here, to advance collaborative research efforts.	13%
Virginia Capital Trail	Complete the Virginia Capital Trail. This includes working with key organizations that are dedicated to completing the bike/walk trail from Williamsburg to Fort Monroe (Hampton, VA). The RVA to Williamsburg segment took 20 years to build. We can make the Williamsburg to Hampton segment happen in a fraction of that time.	13%
Passenger Rail	Identify and work on barriers and opportunities to increase passenger rail service between RVA and 757. This includes understanding and supporting several agencies, organizations, and initiatives dedicated to this cause.	13%
Social Connections	Build our social connections. This includes identifying events and organizing gatherings to build relationships among our RVA757 Connects' Directors/MIC members.	13%
Nominations	Identify new Directors and MIC members. This includes building the 2022 Innovation Council, a very diverse and creative group of young leaders from RVA and the 757 regions who will be a part of RVA757 Connects.	8%
MIC Leadership (MIC members only)	Create a more unified and structured Megaregion Institutional Council (MIC). This includes holding separate MIC meetings to better organize the MIC's voice, input to RVA757 Connects, and MIC's overall contribution to RVA757 Connects.	8%
Development	Help raise needed funding to sustain RVA757 Connects. This includes not only supporting the Development Committee but identifying external grant funding opportunities.	4%



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Interest in Interacting Beyond Four Board-MIC Meetings

Potential Ways to Interact	Percentage Highly Interested <i>(Top two box score 4s & 5s)</i>
General virtual briefings on key megaregion opportunities and assets: Hold a series of 60-minute general virtual briefings on key megaregion opportunities and assets. For example, in the 757: Jefferson Lab, NASA Langley, and the emerging offshore wind industry. In RVA, this could include the dramatic growth in pharmaceutical and logistics clusters. For both markets, this could include insights on the political landscape.	88%
Small group gatherings: Hold a small group 60-minute virtual (lunch break) gathering with participant introductions and informal sharing.	50%
Inter-regional visits: Orchestrate the second inter-regional two-day bus tour of our collective assets.	46%
Social gatherings: Have an RVA757 Connects' tent at an RVA or 757 regional social event – Folk Festival (RVA) and Harbor Fest (757).	14%



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2022 Board & MIC Engagement



Overall Goal:

- Increase directors' and members' ongoing engagement in RVA757 Connects – beyond the four board meetings.
- Build the culture of RVA757 Connects.
- Increase meaningful relationships among RVA757 Connects' directors and members.

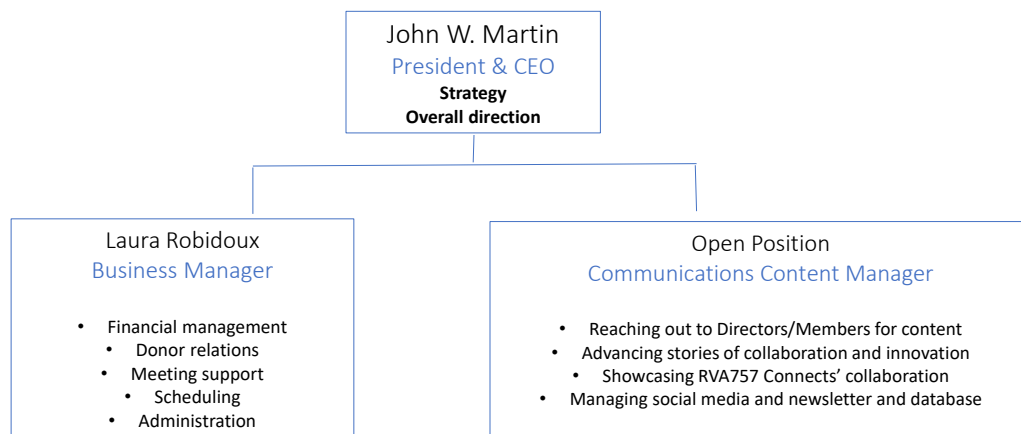
2022 Projected Work:

- Assign all board members to at least one topic area. Use feedback to date to help with assignments.
- Hold ongoing monthly topical Zoom 60-minute lunchtime briefings.
- Support the Chambers' interest in hosting a 2022 interregional bus trip.



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2022 Total Operating Budget: \$500K



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Organizational Update

2021 Accomplishments


2022 Planning Direction

Comments & Discussion



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Comments & Questions



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**Update on
Coastal
Virginia Offshore
Wind Project**

Bob Blue
Chairman, President,
and CEO
Dominion Energy



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A Strong Policy Foundation for Offshore Wind




Virginia Clean Economy Act (2020)



- 2.5 to 3.0 GW of offshore wind by January 2028
- Up to 5.2 GW of offshore wind by end of year 2034
- CVOW is subject to competitive procurement or solicitation for services and equipment
- Consideration of economic benefits in Virginia, including investment and job creation
- Priority hiring to be given to veterans, workers from local and historically economically disadvantaged communities






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Largest U.S. Project Under Development






- Builds on success of the two-test turbine pilot project
- Largest offshore wind project under development in the United States
- Located just east of the pilot project, within 112,800 acre-lease area
- 176 turbines
- 2.6 GW total capacity
- Power up to 660,000 homes
- Scheduled for 2026 completion



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Continuing To Meet Schedule Milestones



Coastal Virginia
Offshore Wind



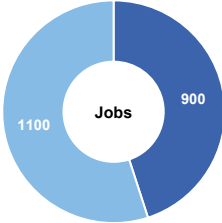
Milestones	Target
Construction & Operation Plan submitted	✓ Dec. 2020 Met target
Notice of Intent issued by BOEM	✓ July 2021 Met target
CPCN/Rider filing with VA SCC	✓ Fall 2021 Met target
Final order from VA SCC	Q3 2022
Record of Decision published by BOEM	June 2023
Commence onshore construction	Q3 2023
Jones-Act compliant installation vessel COD	Late 2023
Commence offshore construction	Q2 2024
Construction completion	Late 2026

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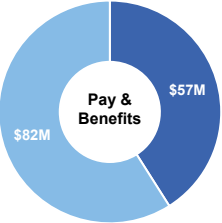
Growing a Clean Energy Economy


Coastal Virginia
Offshore Wind

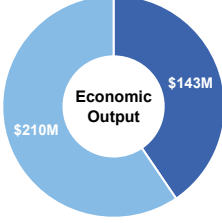
- Approximately **900 jobs** and **\$143 million in economic impact** annually during construction
- Approximately **1,100 jobs** and almost **\$210 million in economic impact** annually during operation
- Priority hiring of veterans, local workers, and individuals from underrepresented communities
- Workforce Development Partnerships
- Maximizing opportunities for Virginia vendors, subcontractors, and suppliers
- Actively engaging Virginia businesses through outreach programs



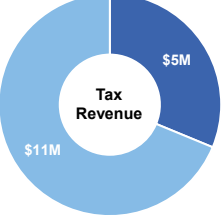
Jobs



Pay & Benefits



Economic Output



Tax Revenue


Operation
 Construction

Source: Mangum Economics, *Potential Impact of the Development of the Offshore Wind Energy Industry on Hampton Roads and Virginia*, September 2020.


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Constructing CVOW With Experienced Partners


Wind Turbine Generators




Monopiles




Transition Pieces

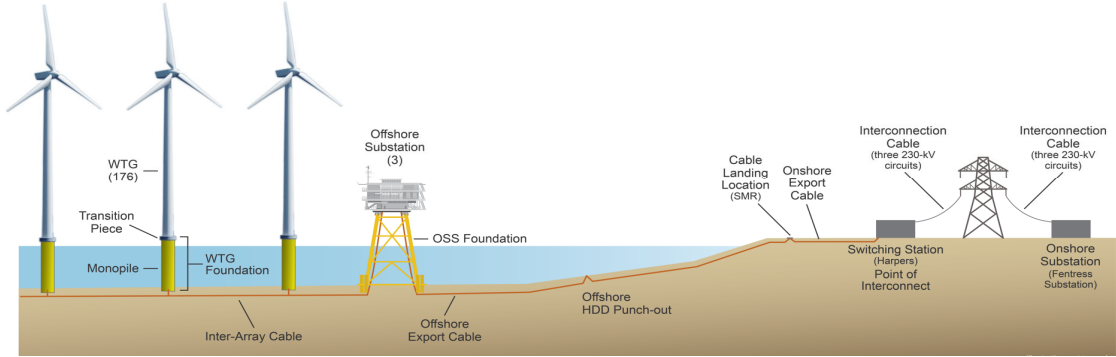


Offshore Substations



Transport & Install





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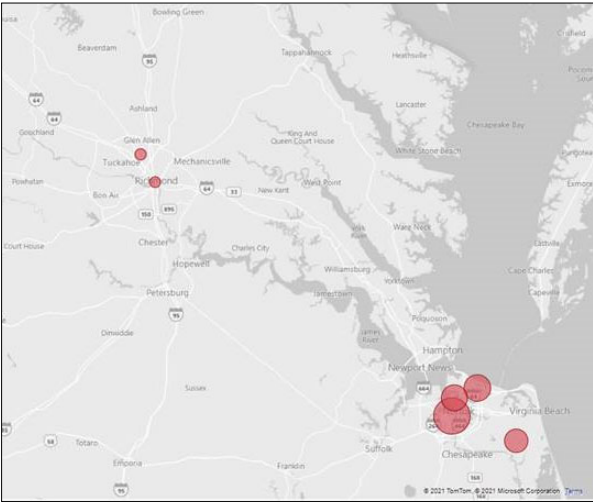
Regional Spending Has Started... And Will Grow

757 Area

- Fuel and provisions for vessels
- Hospitality, catering and transportation
- Trade shows and conventions (IPF and local)
- Land-based survey crews
- Consultants
- Workforce Development
- Ecotourism (Turbine Trips)


RVA Region

- Environmental & permitting consultants
- Legal services
- Trade shows and conventions (IPF)
- Hospitality, catering and transportation
- Economic Modeling






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Business and Workforce Development Engagement


Actions Speak Louder


Coastal Virginia
Offshore Wind

- Local and Regional Business to Business Events
- Supplier and Workforce Development Forums
- Curriculum Development assessment with Virginia's Educational Institutions and Unions
- Business Network for Offshore Wind International Partnering Forum (IPF)
- Hiring Roundtables
- Open House Events
- CVOW Virginia Supply Chain Team

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Off to a Great Start!


Actions Speak Louder

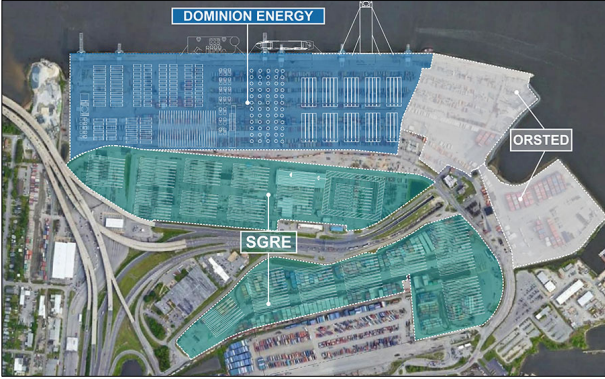
Coastal Virginia
Offshore Wind

Press Release

Danish Manufacturer Rose Holm to Establish First U.S. Operation in Henrico County

October 7, 2020

VEDP



Rose Holm Manufacturing Facility: \$1.5 million investment in Henrico, creating 10 jobs, to establish first manufacturer of threaded bolts for offshore wind

Charybdis: First U.S. offshore wind installation vessel. Homeported in Hampton Roads with a crew of 119

Portsmouth Marine Terminal: Dominion Energy lease that will result in ~60 jobs to support staging and pre-assembly of foundations, transition pieces and wind turbines

Siemens Gamesa Blade Finishing Facility: \$200+ million investment and creates 310 jobs to establish first offshore wind blade facility in U.S.

Labor Memorandum of Understanding: partnership with North America's Building Trades Unions (NABTU) to utilize union labor with a commitment to VCEA hiring objectives

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Inter-Regional CVOW Support



Coastal Virginia
Offshore Wind

- Collaboration and coordination between regional and state economic development organizations
- Engagement and facilitation of CVOW supply chain and workforce development activities
- Encourage Virginia businesses to prepare for and participate in offshore wind supply chain
 - Safety, environmental, insurance, contract surety, staffing
- Support in SCC and other Virginia regulatory processes

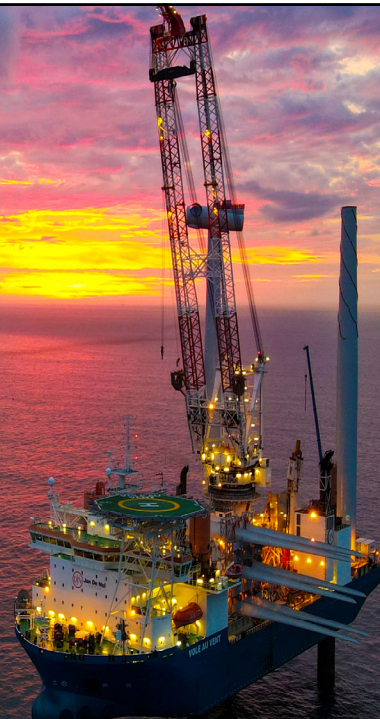


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Questions, Discussion and Shared Insights

Contact Us:

CoastalVAWind@dominionenergy.com



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Comments & Questions



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Thank You and Wrap Up

Thomas R. Frantz
Partner, Williams Mullen

Co-Chair
RVA757 Connects




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Few Closing Comments

What This Is All About

Connect and Engage

Our Appreciation



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What this is all about. . .

Connections



Collaboration

Innovation



Growth



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Connect and Engage

Mandatory Attendance

2022 Board & MIC Meetings

March 22	10-12 a.m.
June 28	10-12 a.m.
September 20	10-12 a.m.
December 13	10-12 a.m.

Location TBD - Zoom or Williamsburg

Optional Attendance


2022 Convergence

Date to be determined by ChamberRVA and Hampton Roads Chamber.

Additional 2022 Events

Optional – Monthly 1-hour Zoom lunchtime topic – I-64 Innovation Updates and Features.

Potential Interregional bus tour sponsored by the Chambers.



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Thank You

Executive Committee Members

Board Directors & MIC Members

Start-up and Sustaining Investors

Hampton Roads Chamber
and ChamberRVA (Convergence 2021)

SIR and West Cary Group

Content and Priority Partners

Laura Robidoux



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We're Adjourned

