

Region	Project Name	Strategy	\$ Award	Committed Match	Funds Drawn to Date (Including Pending Payments)	% of Funds Drawn	Project Purpose
1	Ignite Internships	Workforce Development	\$250,000	\$618,482	\$249,661	100%	To expand the Ignite Program throughout the Region One footprint to collaboratively align school curriculums with local employer needs. UWSWVA will engage key industry associations in targeted industries and build a web-based platform of activities to assess student skills and interests and match those students with available work-based learning opportunities in these industries. UWSWVA expects to place 120 interns with at least 40 companies as part of this project.
1	SWVTC Hub Link	Workforce Development	\$27,547	\$27,637	\$27,547	100%	To complete initial work on the HubLink platform, an online jobs platform where job-seekers will be able to access job and training opportunities in the technology industry. SWVTC will engage stakeholders and job seekers, and inventory all technology training programs offered in the region.
1	Coal-to-Graphene Study	Startup Ecosystem	\$25,000	\$25,000	\$24,996	100%	To conduct a market study, initial environmental impact analysis, and cost projections for the development of a graphene economy in Southwest Virginia. Virginia Tech's Institute of Critical Technology and Applied Science has developed a method of manufacturing graphene from coal at a significantly reduced cost from what is currently available.
1	Smart Farming	Workforce Development	\$310,372	\$380,500	\$127,812	41%	To expand unmanned systems coursework with two new capstone courses on smart farming and the use of technology to improve farming techniques, increase yields, and maximize agriculture profits. MEEC will offer students the ability to earn national credentials for FAA drone operations, agricultural inspections, and pesticide spraying at the new Center for Workforce & Innovation of Appalachia (CWIA), and additional courses will allow MEEC to offer the first Unmanned Aerial Systems Associate Degree (AAS) in Virginia.
1	Lonesome Pine RIFA Coordinator	Site Development and Infrastructure	\$50,000	\$50,000	\$28,447	57%	To create a coordinator position to further the mission of the Regional Industrial Facility Authority, which serves the counties of Lee, Scott, Wise, and Dickenson and the City of Norton. The coordinator will formalize the RIFA organization structure, continue and expand the conversations regarding tax revenue sharing, coordinate with other RIFAs as appropriate, and coordinate funding opportunities in the region.
1	Solar Playbook for SWVA	Workforce Development	\$70,947	\$70,947	\$70,947	100%	To lead a collaborative planning initiative and in-depth market study that will identify specific pathways for large-scale solar-related investment on mined lands and high-paying employment opportunities in Southwest Virginia.
1	Project Oasis	Site Development and Infrastructure	\$50,000	\$50,000	\$39,250	79%	LENOWISCO PDC will work with InvestSWVA, Coalfield Strategies LLC, Virginia's Department of Mines, Minerals and Energy (DMME), and the Virginia Economic Development Partnership (VEDP) to locate suitable sites within the region to attract data centers. This study will result in: 1) the development of tools that prioritize power and fiber network availability and the potential of mine pool water reclamation, 2) a preliminary engineering feasibility and design, 3) a market analysis, 4) tenant research, and 5) a concept design for possible data center sites.
1	Region 1 REI Coordinating Entity	Startup Ecosystem	\$80,000	\$40,000	\$37,940	47%	Opportunity SWVA along with UVA Wise will collaborate to develop the Launch SWVA Region 1 Strategy for Entrepreneurship and Innovation Investment. This Innovation Investment plan will build upon the TEconomy report and develop an action plan to implement recommendations for Region 1.
1	Project Energizer	Site Development and Infrastructure	\$50,000	\$50,000	\$0	0%	To help lay the groundwork to determine the best sites for small-scale, modular pumped-storage hydropower technology in Southwest Virginia.

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1	Project Innovation	Site Development and Infrastructure	\$100,000	\$150,000	\$27,784	28%	To establish the Southwest Virginia Energy Park to host companies interested in studying, perfecting, and commercializing energy technology ideas.
1	SWVA Regional Agribusiness Opportunities	Cluster Scale-Up	\$100,000	\$100,000	\$0	0%	A project manager position will be created to lead and coordinate business-development opportunities for ag sector in an effort to implement the recently completed Agricultural Action Plan, advance the core strategies in that plan and other related plans and specifically support work that grows the beef cattle, small grain, and craft beverage industries, among others.
1	Farmer Pipeline: Maintaining the Supply Chain by Growing Farmers	Cluster Scale-Up	\$99,996	\$51,076	\$25,860	26%	To support small farmers impacted by COVID-19 by introducing a platform to facilitate wholesale logistics at the Appalachian Harvest Food Hub, launch a training platform, introduce farmer efficiency technology to streamline production processes, deploy an online marketplace to serve institutional buyers and direct-to-consumer sales and implement supporting project management software.
1	Perseverance	Cluster Scale-Up	\$100,000	\$52,500	\$0	0%	To augment Virginia's Industrial Advancement Alliance's (VIAA) business retention and expansion efforts by providing capital resources for services to companies to address the negative impacts of COVID-19 on Region 1's manufacturing sector. VIAA would provide vital business /operation and evaluation/diagnostic services to assist key sectors companies in recovery, transition, and process improvement.
1	Retooling Manufacturers for Strategic Industries	Cluster Scale-Up	\$2,950,000	\$1,475,000	\$0	0%	To expand the capabilities of existing suppliers to develop sustainable ongoing revenues in the areas of Personal Protective Equipment (PPE) and other medical equipment and supplies to address critical shortages. The project also seeks to provide more secure domestic supply chains for these products. This will include further development of a Virginia-based supply network and build a planned capacity and response to potential recurrence of the COVID-19 virus.
1	Lonesome Pine RIFA Project Intersection	Site Development and Infrastructure	\$485,000	\$1,417,400	\$0	0%	To develop and repurpose a former 188-acre mine site in the City of Norton. The site will provide four site-ready pad locations to include associated infrastructure, site-work, access roads and amenities. The project will allow the site to be recertified from Tier II to Tier III.
1	United Way of Southwest Virginia - Ignite Tech Talent Pipeline (Phase 1)	Workforce Development	\$251,960	\$251,960	\$0	0%	To develop a talent pipeline that increases the number of graduates from high school, community college, and college ready to work in information technology jobs in the region to meet the forecasted 10-year demand for IT workers in Region 1 of 1,386 new workers. This phase of the project will be a one year discovery phase that will include assessing capacity of schools to create pathways to careers, student interest in IT careers, baseline current employer activities and demand for specific skills, certifications and degrees for entry-level positions.
1	William King Museum of Art - Digital Workforce Development	Workforce Development	\$70,910	\$75,735	\$0	0%	To develop a Digital Art Laboratory to provide a novel approach to digital design training. Students will have access to learn on the most current designer software and 3-D prototyping equipment available, making their skills more valuable to companies.
1	Wildwood Natural Gas Extension	Site Development and Infrastructure	\$527,600	\$320,684	\$0	0%	To provide natural gas to the Wildwood Commerce Park in Carroll County that will allow BRCEDA to competitively market the property for manufacturing and distribution centers.
1	Energy Storage & Electrification Manufacturing Jobs	Cluster Scale-Up	\$486,366	\$245,000		0%	To create jobs in GO Virginia Region One in the energy storage and electrification manufacturing field while attracting investments and expand the local tax base. The project will consist of a three-phased approach including targeted technical analysis, outreach and planning, and implementation to assist four companies in the region, as well as attract new companies to the region.
1	Project Fuse	Cluster Scale-Up	\$70,000	\$35,000		0%	To develop a business retention and recruitment tool for economic developers to promote telework employment strategies in the Lonesome Pine RIFA territory.

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1	Project Thoroughbred	Cluster Scale-Up	\$100,000	\$100,000		0%	To build farmer capacity, create market confidence in the region's ability to meet quality specifications, create product diversity, and take the first step toward creating jobs for graduates of Mountain Empire Community College's grain management program currently under development.
2	Capital Ecosystem Development Plan	Startup Ecosystem	\$77,207	\$128,832	\$77,201	100%	To conduct a two-year strategic planning process to assess weaknesses in the current capital landscape that inhibit entrepreneurship and the commercialization of regional research. VIC will use this information to establish a capital pathways plan to cultivate sources of startup capital for high-growth companies, complete with proposals for new and expanding programming and capital resources for the region.
2	Region 2 Talent Collaborative	Workforce Development	\$300,000	\$630,072	\$116,506	39%	To address the skills and interest gaps in middle- and high-skill occupations in manufacturing, healthcare and information technology. Region 2000 will conduct a campaign to increase awareness and interest in these industries, and create an existing worker-training program to upskill employees into higher-skilled vacant jobs.
2	Stopping the Brain Drain Study	Workforce Development	\$65,300	\$65,800	\$65,300	100%	To create a talent attraction and retention plan to reduce outmigration of recent graduates from the region's 25 colleges and universities. GO Virginia funds will be used to identify the region's challenges through surveys, focus groups and interviews to produce an action plan for recruiting and retaining talent.
2	Wood Haven Water & Sewer	Site Development and Infrastructure	\$200,000	\$760,000	\$200,000	100%	To improve the site readiness and marketability of an industrial site near the intersection of Routes 81 and 581 that will accommodate a 52-acre pad and a 20-acre pad. GO Virginia funding will be used to complete the necessary water and sewer utility extensions and connections to prepare the site for development.
2	CERE Industry Labs: Phase I	Workforce Development	\$300,000	\$1,586,100	\$255,806	85%	To design, construct, and equip the CERE Industry Labs at the former Center for Advanced Engineering & Research (CAER) facility in Bedford County to offer regional companies and institutions of higher education the facilities necessary to promote research and development, as well as to foster the attraction and retention of the scientific and engineering workforce.
2	RAMP	Startup Ecosystem	\$245,000	\$245,000	\$245,000	100%	To expand the reach of the Regional Acceleration and Mentorship Program (RAMP) in downtown Roanoke, which offers technology-based startups access to classroom education, mentoring and assistance in identifying capital. GO Virginia funds will be used to expand into services for a second cohort.
2	Unmanned Systems Training Program	Workforce Development	\$76,000	\$257,000	\$76,000	100%	To implement a new drone technology training program to capitalize on the Alleghany Highlands Drone Zone Initiative surrounding the development of an unmanned systems facility in the region. This new program will establish a career pathway beginning with project-based learning opportunities for high school students and extending to two- or four-year degree attainment through partnerships with other higher-education institutions.
2	CERE Industry Labs: AMPL Phase II	Workforce Development	\$274,980	\$630,000	\$274,980	100%	To develop the Additive Manufacturing Partnership Lab (AMPL) at the newly-established CERE facility in Bedford County. Liberty will utilize AMPL to train students and manufacturing employees in the region on the newest technology-based processes, such as 3D printing and robotics, which are driving manufacturing industry growth.

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2	Ignite Internship Expansion	Workforce Development	\$99,406	\$102,886	\$69,425	70%	To expand on what was previously awarded in Region 1 for \$250,000 to include the creation of a web-based platform to deliver activities that will encourage post-secondary education and streamline workforce credentialing, provide work-based learning opportunities, and match new graduates with local employers. UWSWVA will expand these efforts into Giles and Pulaski Counties and the City of Radford.
2	Increasing the Birth Rate of New High Growth Companies (Phase 1)	Startup Ecosystem	\$150,000	\$315,000	\$150,000	100%	The Mill received a second year of seed funding for \$180,000 to continue to support the birth rate of new high growth companies. Innovation Mill (The Mill) offers programs and services for startup entrepreneurs in the proof of concept stage and supports the birth rate of new high growth companies in the region. The Advancement Foundation, a non-profit that strategically leverages community resources to increase business growth, the creation of high-quality jobs, community engagement, talent retention and economic growth within the region, powers the Mill.
2	Lynchburg Regional Business Alliance Due Diligence Study	Site Development and Infrastructure	\$81,300	\$81,301	\$69,345	85%	To advance a portfolio of six existing commercial/industrial sites along the site readiness scale and determine next steps for moving all sites to at least Tier 3 according to the Virginia Business Ready Sites Program (VBRSP), with seven localities participating. GO Virginia funds will be used for consultant services to complete the required due diligence phase necessary to advance these sites.
2	Regional Career and Technical Education Study	Workforce Development	\$45,000	\$45,535	\$42,698	95%	To evaluate the region's current Career and Technical Education (CTE) initiatives and programs. The project will facilitate initial evaluation of the current needs, demand, and capacity and make recommendations to better serve the region.
2	Blockchain Ecosystem Catalyst	Workforce Development	\$246,800	\$250,000	\$0	0%	Virginia Tech will develop and implement the Blockchain Ecosystem Catalyst (BEC) program through four areas: 1) academic programming, 2) professional development, 3) developing industry relationships, and 4) launching an online resource portal for blockchain startups and professionals. The BEC program will support talent development by creating and supporting new curricula for regional higher education and mid-career professionals that bolster and widen existing IT pipelines around blockchain/distributed ledger systems. The program is also designed to encourage entrepreneurship and commercialization of blockchain-related technologies.
2	Developing a Destination for Talent	Workforce Development	\$300,000	\$473,000	\$136,133	45%	Virginia Tech will be creating regional hubs to help connect local employers, students, Virginia Tech faculty, and economic development professionals. This program will 1) create a pipeline of talent from Virginia Tech to employers in the region's identified priority clusters through an internship program, and 2) facilitate opportunities for Virginia Tech faculty to collaborate with employers and interns on specific tech transfer projects.
2	CVTC Redevelopment Plan	Site Development and Infrastructure	\$100,000	\$250,000	\$70,567	71%	To create a redevelopment master plan for the former 350-acre Central Virginia Training Center (CVTC) site, located in Amherst County. The master plan efforts will include data collection and analysis, public engagement, workshops, infrastructure analysis, and market assessment to submit to the Amherst Board of Supervisors to be considered for inclusion in the County's comprehensive plan and approval of an overlay-zoning district.
2	Region 2 Entrepreneurship Initiative	Startup Ecosystem	\$299,995	\$150,004	\$136,808	46%	Will coordinate and collaborate with stakeholders throughout Region 2 to develop the Region 2 Innovation and Entrepreneurial Investment Plan. Virginia Innovation Council (VIC) will map the regional ecosystem assets and develop strategies to attract entrepreneurship resources.
2	Classrooms to Careers	Workforce Development	\$180,000	\$231,700	\$0	0%	Classrooms to Careers will connect teachers and students to local Information Technology (IT) businesses, raising students' awareness of IT career opportunities in the New River Valley (NRV) and preparing them for the further education and training needed to pursue those opportunities successfully.

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2	Increasing the Birth Rate of New High Growth Companies (Phase 2)	Startup Ecosystem	\$180,000	\$180,000	\$137,098	76%	The Mill is requesting our second year of seed funding in the amount of \$180,000 to continue to support the birth rate of new high growth companies. Innovation Mill (The Mill) offers programs and services for startup entrepreneurs in the proof of concept stage and supports the birth rate of new high growth companies in our region. The Mill is powered by The Advancement Foundation, a non-profit that strategically leverages community resources to increase business growth, resulting in quality jobs, community engagement, talent retention and economic growth within our region.
2	Rapid High-Throughput COVID-19 Testing	Workforce Development	\$100,000	\$50,000	\$100,000	100%	To support an initial 90-day start-up phase for 2 testing sites located in Blacksburg and Roanoke to help large numbers of people receive timely COVID-19 test results. A task force from Virginia Tech has been assembled to work on various aspects of the project. To date, the team has developed and finalized validation for COVID-19 testing and stood up two Fralin laboratory facilities. GO Virginia funds will be used to support the salaries of the newly hired Medical Laboratory Specialists (MLS), Medical Laboratory Technicians (MLT), and student interns at both sites to help scale-up the operation and purchase testing supplies needed for sample analysis.
2	Pivot and RAMP Up	Startup Ecosystem	\$97,200	\$49,000	\$83,390	86%	To help the region sustain the momentum of accelerating growth businesses that generate high-wage jobs, extend the benefits of the Program to more companies throughout the region by offering education, mentoring and business assistance programming virtually and by providing continuing services to accelerator graduates.
2	New River Valley Business Continuity Team (phase 1)	Workforce Development	\$100,000	\$50,000	\$0	0%	To provide local employers 24/7 technical assistance to offer certification of best practices to safely reopen during the COVID-19 pandemic.
2	Roanoke Regional Recovery	Workforce Development	\$100,000	\$50,000	\$0	0%	To rapidly engage regional companies in the targeted sectors to assist them with immediate and long-term recovery and build future resilience in response to COVID-19.
2	Workforce Training for Coronavirus Testing in Southwest Virginia	Workforce Development	\$500,000	\$250,000	\$0	0%	To increase capacity at the two newly stood up Fralin laboratories in Blacksburg and Roanoke to allow for COVID-19 testing over a one-year period and develop an internship pipeline for full time positions.
2	PHRE Mobile App	Cluster Scale-Up	\$63,500	\$42,610	\$9,803	15%	To develop a Public Health Readiness (PHRE) mobile application designed to help smaller organizations quickly assess and optimize their readiness to operate with minimal risk to workers, customers/patrons, and surrounding communities.
2	Amherst LYH Site Readiness	Site Development and Infrastructure	\$366,572	\$183,286	\$0	0%	To advanced two sites; one in the Amherst County and one in the Town of Amherst along the Virginia Business Readiness Scale. Due diligence and grading will advance 151 acres to a Tier IV and 76 acres to a Tier V.
2	Experiential Learning in Tech Employment (ELITE) Internship Program	Workforce Development	\$290,000	\$145,000	\$0	0%	To provide internship opportunities to for students earning a software developer degree at a regional 4-year university and connect them with small-based technology companies that do not have the expertise or capacity to manage an internship program.
2	New River Valley Business Continuity Team (Phase 2)	Workforce Development	\$250,000	\$125,000	\$0	0%	To provide employers impacted by COVID-19 with 24/7 technical assistance from the Business Continuity Team (BCT) related to public relations and messaging, facility cleaning, and certification of best practices and coordination of on-site testing. This is a follow up request from the \$100,000 Go Virginia Economic Resilience and Recovery (ERR) Fast-Access funds NRVRC was recently awarded to conduct a 6-month startup-phase. The BCT services will be marketed by the program manager to existing employers the Chamber of Commerce, Onward NRV, and other regional partners, working with the BCT Public Health Director, who will coordinate with impacted businesses and the New River Health District.

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2	Central Virginia Community College CTE Academy	Workforce Development	\$266,000	\$134,000	\$0	0%	CVCC has identified 26 existing programs that will enhance and align under the Academy framework, and will develop 4 additional credential and/or certificate programs. The CTE Academy programming includes heavy concentration of the Region's targeted industry sectors of manufacturing, healthcare, information technology, and the automated segment of the food and beverage sector. The skills-based training will enable students to pursue well defined career pathways to obtain higher paying jobs that are achievable with the stackable credentials and certifications. Each of the pathways include a dual enrollment option based on existing programs offered to each of the 5 regional public high school divisions, which includes 10 total high schools.
2	Virginia Tech Corporate Research Center (VTCRC)	Cluster Scale-Up	\$99,360	\$55,000	\$0	0%	Virginia Tech Corporate Research Center, Inc (VTCRC) will assess the demand and projected growth of lab space, creating a working plan to serve the entire region, and create an initial conceptual design to drive investor and market interest. This effort will design, develop, and operate lab space under VTF's leadership through the VTCRC infrastructure to support commercial entities as well as young startups in both Roanoke and the New River Valley. VTCRC routinely receives requests for prospects seeking lab space but they currently have a backlog of 9 companies seeking lab space in various forms. This will also help address keeping the locally grown talent within the region.
2	Helping Local Employers Prepare the Existing and Future Workforce for Industry 4.0	Workforce Development	\$45,360	\$30,000		0%	To address the need for specifically trained talent in Industry 4.0 skills in both the current and future Region 2 workforce and increase competitiveness for Region 2's manufacturers.
2	Lynchburg Beacon of Hope	Workforce Development	\$97,740	\$131,250		0%	To scale the Future Centers model to Amherst County High School and at least another high school located in Region 2000 and the Central Virginia Community College (CVCC) capture area, and develop a playbook. The Future Centers model looks to increase the number of experiential opportunities offered to high school students and increase the number of students who participate in those opportunities by increasing the percentage of students pursuing on-the-job training, certificates and degrees in those in-demand fields.
2	Building a Regional Health Sciences Talent Pipeline	Workforce Development	\$100,000	\$106,355		0%	To advance the life and health sciences talent pipeline by establishing a new initiative to better: 1) meet the acute and growing need of regional employers for qualified workers, including technicians and others; 2) support the region's emerging Health and Life Sciences (H&LS) ecosystem and; 3) make the region stronger as a magnet for attracting established companies in the H&LS sector seeking to expand and relocate.
3	GO-TEC (phase 1)	Workforce Development	\$648,000	\$674,437	\$617,173	95%	To build the regional Great Opportunities in Technology and Engineering Careers (Go-TEC) program for careers in IT and advanced manufacturing. Go-TEC is a partnership between six higher-education centers and the K-12 school systems in their service areas, beginning with Danville and Pittsylvania schools as the pilot sites. Go-TEC will build give students hands-on exposure to in-demand career pathways starting in middle school. Areas of focus are precision machining, welding, information technology and cybersecurity, robotics, automation, and mechatronics, and advanced materials.
3	SOVA Innovation Hub Planning Grant	Startup Ecosystem	\$80,000	\$80,000	\$79,920	100%	To explore the concept of a modern multi-use facility with technology outreach programs in the region, to be known as the Southern Virginia Innovation Hub. MBC will establish site plans, as well as an implementation plan with projected outcomes and metrics for benchmarking success, while validating these plans with partners, stakeholders, businesses, educators and students. The region hopes to secure Microsoft's continued investment through the TechSpark program by demonstrating the potential for this facility to become a signature project for the program.
3	GO-TEC (phase 2)	Workforce Development	\$4,896,528	\$4,915,962	\$2,249,677	46%	To expand GO-TEC phase 1 to be used for personnel, instructor training, program outreach, equipment and build-out of 4 middle-school career connection labs, and program materials focusing in the areas of precision machining, welding, IT/cybersecurity, robotics/mechatronics/automation, and advanced materials. This scaled down version of \$1,320,787 will be required to be validated before the remaining \$3,575,741 will be released to expand to another 10 middle-school career connection labs.

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3	Entrepreneurship Innovation & Investment Strategy	Startup Ecosystem	\$100,000	\$50,000	\$77,662	78%	Mid-Atlantic Broadband Communities Corporation (MBC) and Longwood Small Business Development Center (SDBC) will collaborate to develop a comprehensive strategy and framework for a robust entrepreneurial ecosystem for the region. These two partners will identify and map traded-sector businesses and entrepreneurship resources available within the region to support entrepreneurial ecosystem activities.
3	IALR Common Platform	Workforce Development	\$90,140	\$121,960	\$56,407	63%	To increase students' participation in work-based learning experiences and maximize participation from employers in listing work-based learning experiences such as job shadowing, internships, and apprenticeships and support development of career pathways in strategic sectors
3	Operation Last-Mile: Critical Drone Delivery Testing	Cluster Scale-Up	\$75,000	\$75,218	\$75,000	100%	To help with a short-term pilot project to test the efficacy of unmanned system delivery in a small urban environment in order to: 1) develop the ability for unmanned system delivery of items (medical equipment/supplies) related to COVID-19 pandemic to locations that could be cut off due to quarantine, and 2) to demonstrate that the particular site can be utilized by unmanned systems companies on a more routine basis to help attract companies to the site.
3	Bridge to Recovery	Cluster Scale-Up	\$925,000	\$478,250	\$0	0%	To provide immediate and impactful support to businesses through the multiple recovery periods of the COVID-19 pandemic, bridge supply chain needs of companies with service providers and ultimately, jumpstart the region's economic rebound.
3	Broadband Middle Mile Expansion for Economic Growth	Site Development and Infrastructure	\$100,000	\$904,000	\$0	0%	To drive collaborative, cross-regional economic development through the the eventual development of 206 miles of Broadband. This portion of the project will include engineering and design of the fiber infrastructure.
3	SIH LOCED EII R3	Startup Ecosystem	\$449,000	\$280,000	\$0	0%	To launch a two-year process of implementation of programs that align with the Region 3 Entrepreneurship and Innovation Investment Strategy and prioritizes three of the EII strategies: Entrepreneurship training; Youth Entrepreneurship; and Capital Access.
4	CCAM Pilot Program	Workforce Development	\$430,000	\$626,023	\$423,998	99%	To address the growing need for middle- and high-skilled advanced manufacturing workers through the implementation of two pilot training programs which will be housed at the to-be-constructed CCAM Apprenticeship Academy. The pilot programs include a Mechatronics Workforce Training Program and a Transitioning Military Program for Industrial Maintenance Mechanics.
4	Lighthouse U	Startup Ecosystem	\$1,000,000	\$1,298,563	\$918,409	92%	To expand the recently piloted Virginia Start-Up Spring Break and Pre-Accelerator programs through VCU. Lighthouse Labs will pilot the Lighthouse U program, which will feature a series of events and training opportunities to prepare students to launch their own businesses after graduation. As part of the collaboration, Lighthouse Labs will introduce a new summer cohort program for recent graduates of Virginia universities that participated in Lighthouse U.
4	MaMaC Mega-Site Competitive	Site Development and Infrastructure	\$2,217,500	\$3,262,175	\$2,217,500	100%	To advance the 1,600-acre certified mega-site to a Tier 4, by completing the engineering plans to upgrade the Greenville County Water and Sewer Authority's Water Treatment Plant, constructing the gravity fed sewer system to the site and constructing the wetlands mitigation bank that will be necessary to accommodate future development on the site.

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4	Virginia's Gateway Region Site Readiness	Site Development and Infrastructure	\$100,000	\$119,757	\$96,098	96%	To evaluate a portfolio of 89 sites and work with an engineering firm to characterize each site according to the Virginia Business Ready Site Program (VBSP) and to develop a plan for advancing site to Tier 4 characterization with cost estimates.
4	Activation Capital	Startup Ecosystem	\$100,000	\$100,000	\$57,243	57%	To implement two efforts designed to advance the entrepreneurial ecosystem in Region 4. One effort will create, administer, and maintain a learning platform for a resource guide to help serve the entrepreneurial ecosystem. The other effort will create a Small Business Innovation Research (SBIR) assistance program to assist with grant writing and administration for potential applicants.
4	CCAM Business Plan	Workforce Development	\$50,000	\$50,500	\$50,000	100%	To develop a ready-to-implement plan for the Advanced Manufacturing Academy (AMA) with John Tyler Community College (Tyler). The plan will 1) increase high school to community college dual enrollment programs, 2) replicate Region 3's GO-TEC initiatives, 3) work to deliver more opportunities with CCAM's university members, and 4) outline the financial and human resources assets required to support delivery of advanced manufacturing educational services.
4	CampusRVA	Workforce Development	\$100,000	\$105,000	\$48,933	49%	To develop the CampusRVA initiative, which will serve as a marketplace, both online and off-line, for internships and job openings to facilitate the matching of employers with potential employees. Based on the successful CampusPhilly model, CampusRVA will promote the capital region as an attractive place to live, work and play, supporting the region's goal of retaining Virginia's recent college graduates.
4	CampusRVA Phase 2	Workforce Development	\$500,000	\$500,000	\$119,372	24%	A follow-on implementation grant request to a previously funded GO Virginia project. This project is designed to help area employers fill high-paying jobs with talent developed locally by 1) promoting the Richmond region as a good place for young professionals, 2) providing resources to move and assimilate to the region, and 3) developing a job-matching platform. The program will be operated by Chamber RVA who runs a number of related programs including YRichmond, an internship onboarding program and HYPE (Helping Young Professionals Engage).
4	Richard Bland College Aeronautics Program	Workforce Development	\$50,000	\$50,000	\$18,421	37%	To create a business plan to develop key partnerships and establish an Applied Associates Degree in Aeronautics with a stackable credential in small Unmanned Aerial Systems (UAS). The certificate program will give students the necessary training and experience to sit for their Remote Pilot License and be equipped to fill high demand jobs in the region in logistics and IT clusters.
4	Rowanty Technical Center Logistics Program	Workforce Development	\$110,213	\$110,213	\$0	0%	Various meetings have been held with interested parties to discuss the possibility of adding a logistics program to RTC, focusing on the attainment of the Certified Logistics Assistant (CLA) and Certified Logistics Technician (CLT) certification. Investing in a Global Logistics Program at RTC will result in long term and sustainable capacity to build a skilled workforce to meet the needs of the growing Logistics sector in the region, as well as other industries for which supply chain management is mission-critical.
4	Developing Region 4's Tech Talent Pipeline	Workforce Development	\$100,000	\$100,000	\$0	0%	To increase the capacity and output of the tech talent pipeline throughout the region. Alongside numerous partners throughout the Greater Richmond area and the Virginia Gateway Region, VCU's College of Engineering will create a comprehensive plan to better align the region's existing tech talent educational programs and help expand Region 4's tech talent pipeline to address needs now and in the future. Activities will include: 1) cataloging and mapping the Region's existing digital economy workforce activities, 2) identifying specific opportunities to improve alignment and close gaps, 3) developing proposals for expanded partnerships between industries, the region's school systems, community colleges and universities and 4) creating strategies to facilitate innovation across the Tech Talent Pipeline.

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4	VCU Pharmaceutical and Chemical Engineering Commercialization	Cluster Scale-Up	\$100,000	\$100,000	\$0	0%	To develop a pharmaceutical engineering cluster that will drive commercialization, new business, and job growth. VCU College of Engineering proposes to develop a comprehensive strategic plan to support the commercialization of a new pharmaceutical manufacturing technology and develop a pharmaceutical engineering cluster in Region 4. The strategic plan will include a market analysis, workforce needs assessment, communications strategy, and recommendations for commercialization applications.
4	Demand+Supply=Success: Virtual Connections for Businesses and Jobseekers	Workforce Development	\$80,600	\$150,000	\$0	0%	To get those who are unemployed due to COVID-19 back to work and improve the connection between job seekers and businesses who have open jobs.
4	ForwardRVA	Cluster Scale-Up	\$100,000	\$240,000	\$100,000	100%	To support small businesses with reopening and recovery phases of COVID-19 with an emphasis on employee safety and building consumer confidence.
4	Idea Factory	Startup Ecosystem	\$50,000	\$25,000	\$28,160	56%	To create new businesses and jobs through the support of aspiring entrepreneurs, including those who are currently out of work due to COVID-19.
4	Virginia Virtual Workforce	Workforce Development	\$1,500,000	\$1,500,000	\$61,296	4%	To identify "common pain points" for Virginia manufacturers, to implement solution-based training programs into college and dual enrollment degrees using Augmented Reality/Virtual Reality and simulation to target 5,000 students, and engage manufacturers in using their content instruction and Virginia Virtual Workforce to design and develop state-of the art training. This project builds on the previously funded COVA MAP project (\$1,532,500 awarded Oct 2019) which focused on maritime and shipbuilding and used the interactive training framework developed by ODU (FAST).
4	Capital Region SBDC Launch	Cluster Scale-Up	\$30,500	\$102,551	\$0	0%	To fill a gap in the Greater Richmond region's entrepreneurial ecosystem and provide key resources to small businesses to help grow and sustain their operations during the COVID-19 crisis. to establish the Greater Richmond Small Business Development Center (GRVA SBDC) to serve the Greater Richmond area.
4	Engineering Interns + Manufacturers= Success Squared (S2)	Workforce Development	\$39,200	\$19,600	\$0	0%	To support manufacturers as a response to economic downturn due to COVID-19 and create internships to develop engineering and manufacturing talent pipeline.
4	Virginia Bio-Connect	Cluster Scale-Up	\$1,599,653	\$1,599,653	\$0	0%	VA Bio-Connect will support the formation of four new BioHubs and connect all regional BioHubs across the state to share best practices, elevate workforce development, share resources, and provide mentorship.

Region	Project Name	Strategy	\$ Award	Committed Match	Funds Drawn to Date (Including Pending Payments)	% of Funds Drawn	Project Purpose
4	FAME	Workforce Development	\$613,000	\$309,046	\$0	0%	to establish a Federation for Advanced Manufacturing Education (FAME) Virginia chapter and launch a FAME Advanced Manufacturing Technician (AMT) program, which includes earning an associate degree, hand-on work experience with an employer, and a reinforcement of skills needed for a manufacturing career.
4	Virginia Restaurant and Hotel Workforce COVID Recovery and Upskilling Program	Workforce Development	\$132,000	\$80,000	\$0	0%	To support and upskill un/underemployed workers with free COVID-related and skills training to help businesses succeed by ensuring employees are well trained and able to address COVID-related issues, while allowing the sectors to rebound more quickly and to further develop an industry-specific job board to match out-of-work employees to employers.
4	Sussex County Water Study	Site Development and Infrastructure	\$96,000	\$49,000		0%	To support the marketability of the Sussex County mega site and overcome the barrier of lacking water capacity to serve the mega site.
5	Virginia Cyber Alliance (Prev. known as HR Cyber CoLab) Year 1	Workforce Development	\$642,713	\$750,100	\$642,713	100%	To develop a highly advanced collaboration hub at Old Dominion University's Tri-Cities Campus. The Virginia Cyber Alliance will consist of online platforms, industry partnerships, a virtual demonstration environment for cybersecurity analysis modules and a work-based learning initiative for transitioning military and recent graduates to intern with firms that specialize in cybersecurity, data analytics and unmanned systems and aerospace.
5	Virginia Digital Shipbuilding Year 1	Workforce Development	\$647,540	\$1,877,000	\$647,540	100%	To create a regional and statewide program curriculum and co-lab facility to train approximately 8,500 current and future workers to work in the new digital manufacturing environment. The project will support Hampton Roads' existing advanced manufacturing and shipbuilding clusters, with impacts to the supply-chain throughout the Commonwealth.
5	757 Seed Fund	Startup Ecosystem	\$140,000	\$256,000	\$46,559	33%	To establish the administrative structure to provide seed-stage investments to Virginia's most compelling innovation-based, high-growth companies. The creation of a new seed fund to complement the work of the 757 Angels will help build the critical mass of quality, investable companies necessary to establish an innovation economy in the Hampton Roads region.
5	HR RIFA and Drone Park	Site Development and Infrastructure	\$150,000	\$150,000	\$26,108	17%	To facilitate the initial steps needed to establish a regional unmanned systems facility on state-owned surplus land in York County. The new facility will provide an open area and infrastructure for use by public institutions, private companies and individuals to develop, test and demonstrate unmanned systems. The goal of this first phase would be to establish a new RIFA governance structure for cost and revenue sharing and to prepare architecture and engineering plans for development of site infrastructure.
5	Virginia Digital Shipbuilding: Year 2	Workforce Development	\$647,540	\$1,877,000	\$0	0%	To create a regional and statewide program curriculum and co-lab facility to train approximately 8,500 current and future workers to work in the new digital manufacturing environment. The project will support Hampton Roads' existing advanced manufacturing and shipbuilding clusters, with impacts to the supply-chain throughout the Commonwealth.
5	Virginia Cyber Alliance Year 2	Workforce Development	\$642,713	\$750,100	\$0	0%	To develop a highly advanced collaboration hub at Old Dominion University's Tri-Cities Campus. The Virginia Cyber Alliance will consist of online platforms, industry partnerships, a virtual demonstration environment for cybersecurity analysis modules and a work-based learning initiative for transitioning military and recent graduates to intern with firms that specialize in cybersecurity, data analytics and unmanned systems and aerospace.

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5	757 Angel Network	Startup Ecosystem	\$240,000	\$479,000	\$144,419	60%	To expand efforts to connect the most promising startup and early stage companies to smart growth capital, and to sustain and expand the organizational capacity through the hire of a program director. 757 Angels is the first centralized source of angel seed stage capital in Hampton Roads, with 120 members and \$40M deployed in Virginia companies to date.
5	Accomack-Northampton Sewer and Sites Study	Site Development and Infrastructure	\$65,000	\$65,000	\$65,000	100%	To conduct a two-phased approach to 1) complete the Eastern Shore Main Force Sewer Transmission Line study and 2) evaluate 25+ acre sites with the AAPDC footprint. The sewer line study will help the Eastern Shore increase its sewer capacity and enable it to meet the minimum infrastructure requirements to become eligible for the Virginia Business Ready Site Program (VBRSP). AAPDC will inventory and identify sites to be characterized through an engineering firm.
5	Hampton Roads Coalition for Talent Development	Workforce Development	\$99,705	\$100,000	\$99,438	100%	To partner with the Hampton Roads Workforce Foundation and the Greater Peninsula Workforce Board to enable the systematic collaboration, involvement, and investment of the major partners in talent development. Will allow for a new senior-level position to establish implementation and communication plans, and to convene senior business leaders and regional workforce providers to identify and address regional needs in real time.
5	The GIG	Startup Ecosystem	\$85,117	\$115,728	\$65,266	77%	The Eastern Shore Foundation will develop a pilot program to help create a model for a rural entrepreneurial ecosystem along the Eastern Shore. The project will provide a "Hot Desk" coworker startup business space and a Maker Space that will provide training/certifications in woodworking, metalworking, welding, 3D CAD modeling, and 3D printing at a facility in the Town of Exmore.
5	Coastal Virginia Maritime Advancement Programs (COVA MAP)	Workforce Development	\$1,532,500	\$1,636,500	\$0	0%	To engage industry partners and prospective students, identify workforce gaps, and develop an innovative and new framework (smart mobile devices) for delivering cutting-edge curriculum to support the maritime industry. They will work with the existing network of maritime program providers and focus on gaps identified through prior research, with a focus on emergent technologies. The overall goal of the initiative is to position Hampton Roads as a global leader in the maritime industry and increase the number of skilled workers.
5	REI: 757	Startup Ecosystem	\$266,667	\$133,333	\$42,000	16%	757 Accelerate, in partnership with 757 Angels and E&M Consulting, will convene key stakeholders to conduct a gap analysis, develop best practices, and incorporate existing Situational Analysis and TEconomy recommendations to develop a comprehensive plan for the Region 5 entrepreneurial ecosystem. In addition, they will create a long-term financial plan for the prioritized implementation activities for Region 5.
5	Campus757	Workforce Development	\$95,838	\$96,500	\$41,713	44%	To develop a Campus757 business plan and an online and offline platform to connect local job seekers with regional employers, using the previously funded CampusRVA project as a model for Region 5. This will help identify region wide gaps in the workforce and develop plans with partners to close those gaps. The Hampton Roads Workforce Council will develop a Campus757 business plan and an online and offline platform to connect local job seekers with regional employers, using the previous funded CampusRVA project as a model for Region 5. This will help identify region wide gaps in the workforce and develop plans with partners to close those gaps.
5	Eastern Shore of Virginia Hydro Drone Near Shore Shallow Water Bayrhythmic Survey Program	Cluster Scale-Up	\$99,300	\$92,680	\$65,252	66%	To lay the foundation to how coastal Virginia can generate an accurate database to inform marine based economic development opportunities and educational and training needs for the region.

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5	757 Recovery and Resilience Action Framework	Cluster Scale-Up	\$100,000	\$100,000	\$0	0%	To form 10 Action Framework Committees to 1) formulate and share information that helps restore fully business operations; 2) identify the future challenges and opportunities for their respective industries; and 3) create a concise plan that will help accelerate the region's long-term rebound. All committee work will be shared and metrics will be tracked through the 757recovery.com online platform.
5	Offshore Wind Supply Chain Hub Development Program	Cluster Scale-Up	\$529,788	\$290,840	\$0	0%	To build an Offshore Wind (OSW) supply chain by targeting and attracting suppliers to relocate to the region.
5	Greater Williamsburg Target Industry Sector Analysis	Cluster Scale-Up	\$36,375	\$18,244	\$0	0%	To update their industry cluster analysis last completed in 2016. As a region that heavily relies on the hospitality and tourism industry, the region has been hit hard by the COVID-19 epidemic with double-digit unemployment levels. Updating the industry cluster analysis will allow the region to develop an implementable business development strategy and marketing plan
5	Hampton Roads Economic Development Sites Readiness Program	Site Development and Infrastructure	\$1,122,240	\$8,056,960	\$0	0%	To advance a portfolio of three existing sites along the Virginia Business Readiness Scale to a Tier IV. The due diligence work will advance a total of 495 acres to a Tier IV, located in Isle of Wright, Newport News, and Virginia Beach.
5	Hampton Roads Workforce Council Talent Pipeline Implementation Project	Workforce Development	\$663,696	\$332,000	\$0	0%	To generate a targeted talent pipeline for the maritime industry in Hampton Roads. HRWC's approach includes the following elements: extensive employer engagement, aligning higher education curriculum and mandatory job requirements, on the job and incumbent worker training, regional apprenticeships, military/veteran outreach, college student engagement and graduate retention, talent portal development, soft skills development, a workforce development alliance among local community colleges and out of market talent recruitment.
5	Virginia Virtual Maritime Trades Training (VVMTT)	Workforce Development	\$100,000	\$200,000	\$0	0%	To address the strong training demand by investing in virtual at four locations – Tidewater Community College, Thomas Nelson Community College, Paul D Camp Community College, and the Apprentice School to assist those currently unemployed and backfill the workers removed in the high-risk categories forced to take a leave of absence in the shipbuilding and ship repair industry. The addition to these virtual and simulated components to existing trades training program will address the current need by allowing greater social distancing among trainees and minimize touch points on manufacturing equipment or training mockup structures. The simulations will put students in realistic jobs settings where they can have work scenarios replicated in a safe environment without the risk of injury, damage to equipment, loss of materials, or exposure to the pandemic.
5	Regional Robotics Innovation Hub Study	Cluster Scale-Up	\$73,000	\$38,000	\$0	0%	To develop a feasibility analysis and action plan for a Regional Robotics Innovation Hub based in Hampton Roads to accelerate and interconnect technology innovation in robotics, machine learning, advanced manufacturing, virtual reality, and artificial intelligence in Hampton Roads in order to advance autonomous systems research and development, manufacturing, digital shipbuilding and repair, distribution and logistics, water technologies, modeling and simulation, and other target industries.
5	RVA-757 Connects	Workforce Development	\$90,000	\$45,000	\$0	0%	To profile the megaregion's collective talent pool and determine the current gaps that need to be filled and identify major trends that will impact the future.
5	Marines Trades Program Expansion (MTPE)	Workforce Development	\$99,137	\$49,569	\$0	0%	To increase capacity and meet the current demand for TCC's Marine Trades Training program related to the welding and marine coating training so that students can be trained within COVID-19 safety guidelines for safe social distancing.

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5	757 Collab Bridge	Startup Ecosystem	\$32,000	\$120,024	\$0	0%	To support staffing for up to six months to ensure the continuation of 757 Accelerate and Startup Studios programming and the maintenance of capacity built in Region 5.
5	Startup Stability Program	Startup Ecosystem	\$197,000	\$235,295	\$0	0%	The Startup Stability Program (SSP) will provide co-working spaces rental assistance and mentor services at the Bloom in Portsmouth and Percolator Space in Norfolk within Region 5's identified targeted clusters. All applicants will be vetted by a selection committee comprised of individuals from Black BRAND, Percolator, Bloom, and select members from the PDF's Board of Directors. SSP will provide companies with the ability to obtain immediate and free office space and supportive services to increase revenue, begin gradually paying into their rent, and eventually scale into successful businesses. Key activities will include marketing and recruitment of 15 startups at Bloom and 15 startups at the Percolator, education and training provided by mentors, and rental assistance.
6	Flex Space Due Diligence	Site Development and Infrastructure	\$50,000	\$50,000	\$50,000	100%	To initiate the development of a 20,000-square-foot flexible office space in the town of Montross. The new facility will be one of the only office spaces of its size and quality available to businesses in the Northern Neck.
6	Pamunkey Net Business Plan	Site Development and Infrastructure	\$50,000	\$83,000	\$2,605	5%	To design and implement a sustainable business model for the Pamunkey Tribe to deliver high-speed broadband to underserved areas of the Middle Peninsula and Northern Neck. MPA will work closely with the Pamunkey Tribe to develop a business plan and create a new legal enterprise to be owned by the tribe. MPA will also review existing studies on the region's broadband infrastructure to ensure that existing assets and service areas are considered for future infrastructure development plans.
6	Virginia Sea Grant Resiliency Ecosystem Development	Startup Ecosystem	\$49,996	\$49,996	\$41,376	83%	To convene a group of regional stakeholders and national resiliency experts to identify best practices for future resilience activities for a multi-regional water management economy. VASG will also convene workgroups to identify key gaps in the Virginia economic development ecosystem surrounding water technologies and coastal resiliency, and to develop an operational framework for the operation of comprehensive, multi-sector network of resilience stakeholders.
6	Welding Training Program	Workforce Development	\$130,000	\$130,500	\$130,000	100%	To establish a new 4,000-square-foot welding training facility to offer welding training courses through Rappahannock Community College (RCC) and other training programs as needed. RCC will begin offering daytime welding courses and expanding evening courses which are currently at capacity as offered at the Northern Neck Technical Center. RCC will train at least 40 welders in four areas of basic and specialty welding.
6	Cybersecurity Certification Program	Workforce Development	\$110,000	\$110,000	\$44,343	40%	To establish a cybersecurity preparatory program to train Certified Information Systems Security Professionals (CISSP). UMW will help businesses in the region fill current openings that are difficult to fill due to the inadequate supply of certified professionals. In partnerships with GCC and RCC, UMW will implement a 40-hour certification program, as well as a structured pre-study curriculum.
6	Fredericksburg Region Cyber & Smart Tech Entrepreneurial Development Program	Startup Ecosystem	\$75,000	\$97,500	\$50,000	67%	To understand the market demand for a technology-based entrepreneurial development program and accelerator in the Fredericksburg region around the cyber/IT environment. Stafford County EDA in partnership with King George and Fredericksburg will implement a test program that will allow access to the market and build a business model for a sustained program using the successful RIOT framework, to help explore the potential market for hosting a technology-based accelerator focusing on tech and cyber opportunities.
6	Northern Neck Workforce Training Feasibility & Site Selection	Workforce Development	\$62,500	\$62,500	\$24,852	40%	To help identify gaps in training and deliver to employers what they need to grow and expand their businesses within the Rappahannock Community College (RCC) service area. The Northern Neck Planning District Commission with partnerships from RCC and the Bay Consortium Workforce Development Board will develop a blueprint of what is needed by local companies and other workforce needs, designate levels of prioritization of implementation, cost estimates, and actionable steps to improve the quality and quantity of workforce training in the region.

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6	Commercial Kitchen at Longwood Hull Springs Study	Startup Ecosystem	\$50,000	\$50,000	\$0	0%	To study the feasibility of a commercial kitchen at the Longwood Hull Springs site to serve producers and culinary students in the Northern Neck of Virginia.
6	Fredericksburg Regional Industrial Sites Authority	Site Development and Infrastructure	\$14,665	\$7,335	\$0	0%	To better position localities in the Fredericksburg region to collaborate on site development.
6	Fredericksburg Regional Industry Cluster Analysis	Cluster Scale-Up	\$30,000	\$15,000	\$26,052	87%	To provide the Fredericksburg region (a sub-region of Region 6) with a better understanding of the types of industries, enabling and focusing the sub-region's economic and workforce development efforts.
6	Middle Peninsula Seafood & Agriculture E-Marketplace Development	Cluster Scale-Up	\$77,000	\$38,500	\$22,880	30%	To place the MPPDC/MPCBPAA in the position of both becoming a temporary "market maker" to facilitate electronic commerce between those who want to purchase "local" and those who can sell "local".
6	Telehealth Needs Assessment	Cluster Scale-Up	\$50,000	\$25,000	\$47,855	96%	To complete a telehealth assessment on the potential of including a telehealth wing in the proposed King and Queen Telework Business Incubator Center that is being built.
6	Westmoreland Workforce Training Center Extension	Workforce Development	\$36,000	\$18,000	\$12,396	34%	To provide funding to the WWTC to allow the center to resume operations in the fall, as it will otherwise not be able to remain open to provide training to a critical workforce in the region.
6	Germanna Community College Tech Talent Pipeline	Workforce Development	\$634,938	\$398,000	\$0	0%	To provide a continuous supply of qualified individuals entering engineering, information technology, computer science, and cyber related professions in the Fredericksburg region. The initiative is two-pronged, creating a new Engineering Technology-Mechatronics 2-year certificate program and a Computer Science and Cyber Pathway. Activities will include outfitting classrooms and labs with equipment, training and certifying high school teachers, developing a web portal with real-time labor market data, financial aid information, and an internship/jobs board, executing an outreach/promotions campaign and creating a Tech Talent Advisory Group consisting of local tech companies and educational professionals.
6	Launching a Coastal Resilience and Adaptation Economy	Workforce Development	\$2,937,163	\$3,696,411	\$0	0%	The approach: 1) Builds resilience entrepreneurship through RISE's proven business plan competition and accelerator services, including a product performance validation in Region 6's network of real world R&D test sites (i.e. Resilience Innovation Center) as an expansion of the Hampton Roads resilience living laboratory; and 2) Forms a multi-stakeholder, business-focused Region 5-6 Consortium to engage the broader business community in education about the risks and economic impacts of sea level rise, and builds capacity for adoption of resilient practices.
6	Richmond County Commerce Center Expansion	Site Development and Infrastructure	\$1,223,974	\$692,385	\$0	0%	To expand the Richmond County Commerce Center (RCCC) by making site improvements to two parcels of land totaling 45 acres. These two publically owned sites, consisting of a 30-acre parcel and a 15-acre parcel, will help the County improve sites in preparation for promoting and marketing them to potential industrial tenants. Richmond County is partnering with Westmoreland County through the development of a Regional Industrial Facilities Authority (RIFA), which will help market the sites at the conclusion of the project.
7	Alexandria-Arlington Workforce	Workforce Development	\$201,897	\$255,049	\$128,948	64%	To provide immediate support to ready-to-be-trained individuals and to newly located or newly established firms in Northern Virginia that are not supported by federal WIOA/SNAPNET funding. This initiative is a combination of career pathway assistance incumbent working training, upskilling, on-the-job training and credentialing activities aimed to support the computer services industry.

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7	NOVA Fab Lab	Workforce Development	\$250,000	\$1,829,000	\$249,624	100%	To create a state-of-the-art, 9,000-square-foot Fabrication Laboratory (FabLab) at the NOVA Manassas Campus, to leverage NOVA SySTEMic and inspire interest and encourage future generations to pursue careers in engineering technologies. NOVA will align its engineering technology program to meet the needs of private-industry partners, such as Micron Technology and BAE Systems.
7	Tech Talent Pipeline	Workforce Development	\$487,500	\$603,425	\$462,499	95%	To build upon the Region's existing computer services and cybersecurity clusters to create a workforce system that effectively attracts, prepares and retains qualified candidates to fill high-demand technology jobs in high-paying occupations, such as programming and software development, networking and cybersecurity, and data and data warehousing. Target populations include tech workers who lack the high demand credentials, transitioning military veterans, college students, recent graduates and high school seniors with desired aptitudes.
7	Tech Talent Pipeline Apprenticeships	Workforce Development	\$1,000,000	\$1,000,000	\$315,963	32%	To expand the previously awarded Tech Talent Pipeline Initiative, which aims to create a workforce system to effectively attract, prepare and retain qualified candidates to fill high-demand cybersecurity and IT jobs. NOVA will develop and implement a new apprenticeship program, matching 400 apprentices to employers as an alternative career pathway to traditional two- or four-year degrees. GO Virginia funds will be used to expand staffing for NOVA Workforce, conduct Tech Talent Pipeline outreach and develop and implement the apprenticeship curriculum and models.
7	Virginia K-12 Computer Science Pipeline	Workforce Development	\$2,424,537	\$3,106,015	\$317,373	13%	The Loudoun Education Foundation (LEF) is proposing to create and implement an immersive and integrated computer science curriculum in grades 6-12 in Loudoun County and partnered with Chesapeake City Public Schools in Region 5. The two participating school systems will offer students an opportunity to learn computer science and computational thinking as part of the 6-12 core curriculum, culminating in capstone courses and experiential learning opportunities including internships at the high school level.
7	Back to Work Website and Info Program	Cluster Scale-Up	\$100,000	\$50,000	\$71,376	71%	To partner with the Northern Virginia EDA to create a "one stop shop" Back to Work Covid-19 resources website that aggregates data from all organizations engaged in business continuity, business recovery, worker training and retraining, and to promote, disseminate and communicate content that specifically addresses business solutions, including access to government programs, via a webinar series. The Northern Virginia Chamber of Commerce, in partnership with the Fairfax County EDA, will create a three-video series for entrepreneurs under the Back to Work Covid 19: Back to Innovation brand. The videos will be available online at the Back to Work Covid-19 Resource Website and will be free to the public.
7	Steps to Safely Reopen the Economy: Launch of New Rapid COVID-19 Diagnostic Testing, Contact Tracing, and Stress Assessment of Northern Virginia Nurses During the COVID-19 Pandemic	Workforce Development	\$100,000	\$50,000	\$0	0%	To develop and scale-up methods to facilitate safe return to work. The program's goals include directly expanding diagnostic testing, evaluating the long-term impacts of COVID-19 on frontline healthcare providers, a population at risk of PTSD, and employing rapid contact tracing capabilities to encourage safe return-to-work strategies, a critical step to reopen the economy.
7	Hospitality to Tech Workers Roadmap	Workforce Development	\$90,000	\$68,100	\$0	0%	GMU will lead (1) undertake a comprehensive review of the skills of targeted displaced workers, (2) undertake a comprehensive review of the required upskilling required for employment in technology and healthcare companies, breaking down the analysis into three categories of companies, (i) government contractors and commercial businesses providing technology solutions and consulting services, (ii) technology product-based businesses and (iii) non technology businesses that need some employees to have technology skills, (3) review gathered data to identify overlapping areas of opportunity and (4) develop a roadmap for one or more training programs to address the identified skills gaps.
7	Pivoting Technology Businesses for the Post COVID-19 Economy	Cluster Scale-Up	\$100,000	\$55,250	\$0	0%	To pivot existing businesses models to adapt to new customer demands and market opportunities and support growth in emerging tech companies.

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7	Governor's Health Sciences Community Medi-Corps Program	Workforce Development	\$700,000	\$1,143,000	\$0	0%	To engage and prepare students for careers in the Biomedical, Lab Sciences and Pharmaceutical industries. GWU's Virginia Science and Technology Campus in partnership with Alexandria and Arlington Public School Systems will create a mobile Immersive Learning Center that will provide state of the art technology, simulation and virtual hands-on activities combined with work-based learning to create three entry points to join the region's workforce (high school industry certification; stackable credentials with associates degree; and stackable credentials with Bachelor degrees).
7	Northern Virginia Biosciences Center	Site Development and Infrastructure	\$500,000	\$755,000	\$0	0%	To develop a 30,000 square feet Level 2 wet laboratory. Prince William will enter into a performance agreement with DHCD to assure the property is constructed, marketed, and remains in use as a Level 2 wet lab. The equipment will convey to the property owner at the end of the performance period.
7	Virginia Small Business Development Center (SBDC) Recovery Effort	Cluster Scale-Up	\$1,000,000	\$600,000	\$0	0%	The Virginia Small Business Development Center (SBDC) will expand its services for small businesses by providing matching funds required to access the full funding available from the Small Business Administration (SBA), which has a 1:1 match requirement with 50 percent cash.
7	NOVA Smart Region Initiative	Startup Ecosystem	\$1,287,580	\$1,572,750	\$0	0%	To expand capital investment opportunity, accelerate the growth of high-tech startups through expansion of their business acceleration program, and create pathways to commercialization through efforts to help smart-tech companies validate product-fit of their innovation.
7	Virginia Cyber Skills Academy	Workforce Development	\$699,995	\$678,785	\$0	0%	To assist COVID-impacted workers to obtain skill certifications (reskill or upskill) to enable them to move into high-demand cyber security roles.
7	Accelerate 2022	Startup Ecosystem	\$100,000	\$50,000	\$0	0%	Refraction, Inc. in partnership with George Mason University will launch Accelerate 2022, a high profile, multi-day pitch competition and showcase to bring investors from across the U.S. to fund Northern Virginia startups and high-growth companies.
7	Innovation Forward	Workforce Development	\$100,000	\$50,000	\$0	0%	The Northern Virginia Economic Development Alliance will undergo a strategic planning process to determine the best approaches to organization and management, budgeting and funding, staffing, policy development, business development activities, and brand development.
8	RAAMP Welding Training	Workforce Development	\$100,000	\$100,000	\$100,000	100%	To address the demand for welders throughout the Shenandoah Valley by expanding the training capacity through additional training equipment, instructors and course offerings. RAAMP will train 20 additional welders in each 40-week cohort.
8	BRCC Cyber Security Workforce Development	Workforce Development	\$200,000	\$200,000	\$200,000	100%	To initiate a new cybersecurity workforce development program focused on producing new industry credentials (CompTIA Security+) that will attract cybersecurity jobs to the Shenandoah Valley. BRCC will arrange internship opportunities with regional employers and establish an advisory council of Managed Security Service Providers (MSSP) who will review and approve the development of the program, curriculum and on-the-job training opportunities.

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8	Shenandoah Valley Talent Solutions Strategy Development	Workforce Development	\$64,800	\$68,400	\$58,862	91%	To develop a Talent Solutions Strategy to address: 1) high school and college graduate retention 2) development of a workforce to meet the needs of regional businesses, and 3) attraction of new workforce participation from outside of the Region and State.
8	Staunton Tech-Lab Feasibility Study	Startup Ecosystem	\$23,000	\$23,000	\$19,950	87%	To assess the feasibility of creating the Hub-Lab, a student-entrepreneur makerspace, to teach creative and collaborative ways to use innovative equipment and technology such as 3D printers, laser cutters, robotics, and electronics. This study will 1) assess the need for this initiative 2) determine the equipment and relevant curriculum for the initiative, 3) assess the practicality of bricks-and-mortar and mobile lab spaces, and 4) identify funding sources to support build out of the Hub-Lab.
8	Shihadeh Innovation Center	Workforce Development	\$540,000	\$540,000	\$0	0%	To renovate the former Kohn Kerr Elementary School into an advanced facility for career and technical education (CTE) programs offered through a Professional Skills Academy, a Health Sciences Academy, and an Information Technology Academy to support an expanded Work-Based Learning program to connect students to regional businesses in the targeted clusters.
8	Industrial Hemp Initiative Phase 1	Cluster Scale-Up	\$53,630	\$53,630	\$13,235	25%	To study the impacts and opportunities of the industrial hemp industry for all of the Shenandoah Valley, including the assets and industry resources within the region in order to identify and verify business and cluster scale-up opportunities across Region 8 in agriculture, manufacturing, and biomedical/biotechnical sectors
8	Scale-Up the Valley	Cluster Scale-Up	\$50,000	\$50,000	\$0	0%	To utilize the expertise and resources of the National Center for Economic Gardening (National Center). Founded by Chris Gibbons in Littleton, Colorado, the National Center has a long history of providing economic gardening services to traded-sector companies on behalf of states, regions and localities. In fact, Virginia has been a client and user of the National Center's resources through a limited program offered by the Virginia Economic Development Partnership.
8	Shenandoah Valley Agriculture Enterprise Center Feasibility Study	Cluster Scale-Up	\$85,000	\$85,000	\$49,532	58%	To provide long-term scale up food manufacturing opportunities to new and existing businesses. The Central Shenandoah Planning District Commission is proposing to conduct a study to determine the feasibility of developing a certified, commercial, shared-use Agricultural Enterprise Center in order to identify what components will be the most successful and beneficial to the region. Initial uses being considered include a kitchen space for testing and manufacturing food products, a resource space for training and special events, and space for packaging and distribution.
8	Startup Shenandoah Valley	Startup Ecosystem	\$628,953	\$315,210	\$69,106	11%	To deliver a three prong approach to kick start a vibrant entrepreneurial ecosystem that will deliver dedicated staff, partnerships with regional assets, workspaces, connections to mentorship, and access to capital to companies with a high potential for growth and success.
8	Reopening SAW	Cluster Scale-Up	\$50,000	\$25,000	\$10,156	20%	To help the region's small businesses recover revenue lost due to the economic effects of COVID-19 and provide assurance to locals and visitors that SAW is a safe and welcoming location.
8	SBDC Small Business Resiliency Teams	Cluster Scale-Up	\$81,813	\$44,413	\$530	1%	To help the region's small businesses mitigate the economic impact of COVID-19 in the near term, as well as prepare them for successful longer-term outcomes. This will be done by assembling Small Business Resiliency Teams (SBRT), a consortium of service providers to work directly with participating businesses to identify the most appropriate type of assistance to address their needs in implementing the recommendations for SBRT clients.

Region	Project Name	Strategy	\$ Award	Committed Match	Funds Drawn to Date (Including Pending Payments)	% of Funds Drawn	Project Purpose
8	LOCAL-I	Cluster Scale-Up	\$60,600	\$30,300	\$0	0%	To: (i) develop a scalable and repeatable process of supporting and building cooperative relationships between farmers, other local producers, and distributors impacted by the Coronavirus by introducing a platform to facilitate supply chain logistics which enables a network of farmer-cooperatives and distributorships, (ii) introduce farmer efficiency technology to streamline food sales, cold or dry storage access, and distribution, and (iii) leverage the established web applications of Local Food Network (LFN) and Virginia Cooperative Extension's (VCE) Market Maker and Buy Fresh Buy Local in order to provide an online marketplace to increase sales from wholesale buyers and direct consumers.
8	Shenandoah Valley Sites Enhancement	Site Development and Infrastructure	\$821,000	\$1,223,664	\$0	0%	To elevate six sites totaling 1,112 acres in Region 8 to the next Tier on the VEDP Site Characterization scale by completing all due diligence work associated with the sites.
9	GWC P-Tech Welding and Machining Center	Workforce Development	\$244,300	\$431,625	\$207,285	85%	To redevelop the former George Washington Carver High School into the state-of-the-art GWC Piedmont Technical Education Center to train machinists and welders. New Pathways Tech Inc. will operate the facility in partnership with Germanna Community College and the American Institute of Welding to train machinists and welders for the region's advanced manufacturing industry.
9	Adult Beverage Jobs & Exports	Workforce Development	\$249,472	\$251,800	\$29,344	12%	To create a professional training program in wine and cider making, craft brewing and distilling to support the scale-up of the growing food and beverage manufacturing industry for the region and the commonwealth. PVCC will equip two training facilities for the training programs, and establish the necessary agribusiness curriculum and career pathway from post-secondary instruction to employment. The new curriculum will be shared with Germanna Community College (GCC) and deployed to students and businesses in GCC's service region.
9	Central Virginia Cybersecurity Partnership	Workforce Development	\$100,000	\$136,400	\$89,759	90%	To build capacity for the Central Virginia Cybersecurity Partnership, a collaborative talent development solution for the cybersecurity industry in Region Nine. PVCC will coordinate with GCC and Lord Fairfax Community College (LFCC) to establish a shared cybersecurity program by aligning each community college with area of instructional expertise and accreditation from the National Centers for Academic Excellence in Cyber Defense. The project will result in common cybersecurity curricula and a credentialing pathway between the partners for areas of specialization.
9	Central Virginia Site Readiness	Site Development and Infrastructure	\$58,675	\$58,675	\$55,500	95%	To advance a portfolio of eight sites targeted for light manufacturing to at least a Tier 3, according to the VBRS classification system. CVPED engaged a consultant to conduct site characterization and initial due diligence activities for the site nominated by each of the participating localities.
9	CvilleBioHub Planning Grant	Startup Ecosystem	\$83,540	\$92,540	\$83,540	100%	To assess the current and projected regional capacity for the biotech industry and create a strategic plan for driving innovation and growth for this cluster. In addition, CvilleBioHub will also plan for organizational sustainability and growth by investigating new revenue models and forming additional institutional partnerships.
9	Catalyst Accelerator Program	Startup Ecosystem	\$475,200	\$476,000	\$221,065	47%	To fill an existing gap in the local ecosystem by providing the dedicated staff, workspace, programming, mentorship, and grant funding to support up to 20 high-potential companies. The Catalyst will offer a portfolio of programming and network events, as well as internships and project-based learning opportunities for UVA students.

Region	Project Name	Strategy	\$ Award	Committed Match	Funds Drawn to Date (Including Pending Payments)	% of Funds Drawn	Project Purpose
9	Regional Business Park - Phase 2 Site Readiness (Tier 3)	Site Development and Infrastructure	\$600,850	\$2,802,150	\$451,075	75%	To complete the Phase II due diligence work for an approximately 700 acre new regional business park and advance the development status to a Tier 3 site on the Virginia Business Ready Site Program (VBSP). This phase of due diligence includes topographic and boundary surveys, traffic impact assessment, preliminary engineering reports (PER), geotechnical survey, cultural resource summary, and completion of the master plan.
9	Youth Entrepreneurship Program Resource	Startup Ecosystem	\$83,500	\$83,500	\$71,717	86%	To contract with a consultant to develop a pilot Youth Entrepreneurship Program in three schools and a best practices resource deliverable. The program is designed to introduce, expose and pique interest in the concept of entrepreneurship to high-school-aged youth and help youth explore careers as entrepreneurs. The goals of the program are to develop a pipeline of future business owners in high-growth, targeted sectors and to encourage these new businesses to locate and focus their job growth in the rural part of Region 9.
9	Biotech Innovation Cluster Growth	Cluster Scale-Up	\$548,000	\$604,740	\$262,870	48%	To lead the growth and expansion of the biotechnology innovation cluster within the region. This initiative will serve the needs of existing companies through programming, the planning and design of a wet lab space, workforce training and candidate matching opportunities.
9	Business-Driven Workforce Recovery Initiative	Workforce Development	\$99,500	\$50,000	\$45,153	45%	To help strengthen communication within the talent development system by proactively reaching out to businesses to determine their workforce needs and corresponding opportunities. This work also will also support development of regional sector-based strategies to implement talent solutions for each of the target industries as identified in the Region 9 Growth Plan Update, released in 2019.
9	Project Reconnect	Workforce Development	\$99,500	\$50,000	\$41,984	42%	To connect dislocated workers not served by the Workforce Innovation and Opportunities Act (WIOA) federal program to employment opportunities with regional employers.
9	Crafting a New Normal	Cluster Scale-Up	\$44,000	\$22,000	\$9,132	21%	This project focuses on feasible web-based industry support solutions to improve e-commerce with a focus on improving dining reservation systems that allows for limited outside service and a platform adaptable to COVID-19 restrictions.
9	Project Rebound	Cluster Scale-Up	\$80,000	\$100,000	\$75,000	94%	To better understand and help address immediate regional business needs to re-open and/or rebuild capacity in the aftermath of the COVID-19 economic response.
9	Regional Business and Professional "Connector Platform"	Cluster Scale-Up	\$76,500	\$38,450	\$24,345	32%	To use Start Up Space technology to develop a cloud-based platform (native mobile app, responsive website, utility/interaction platform as service) that will help businesses accelerate recovery from and after the pandemic.
9	Venture Central	Startup Ecosystem	\$300,000	\$210,000	\$0	0%	To increase the density of the entrepreneurial ecosystem in the region, including access to entrepreneurial assistance. This will lead to an increased five-year survival rate for entrepreneurs and lead to increased job growth and inclusive economic vitality in the region.
9	SBDC Digital Business Resiliency	Cluster Scale-Up	\$131,220	\$65,800	\$0	0%	To help existing businesses and new ventures address growth challenges and improve economic resiliency by addressing digital presence and e-commerce gaps, as well as expand the SBDC's capacity to serve the region's business development needs. The proposal emphasizes services to rural localities and under-resourced communities.