



Commonwealth of Massachusetts
Executive Office of Housing and
Economic Development

Office of Performance Management Oversight

FY24 Planning Template

Massachusetts Clean Energy Center



Economic Development Leadership

Consumer Affairs and Business Regulation - Undersecretary D'Emilia

- Commissioners of Banking, Insurance, Licensing, Telecoms, Standards
- Partnering closely with Economic Foundations, Economic Strategies, other Cabinets

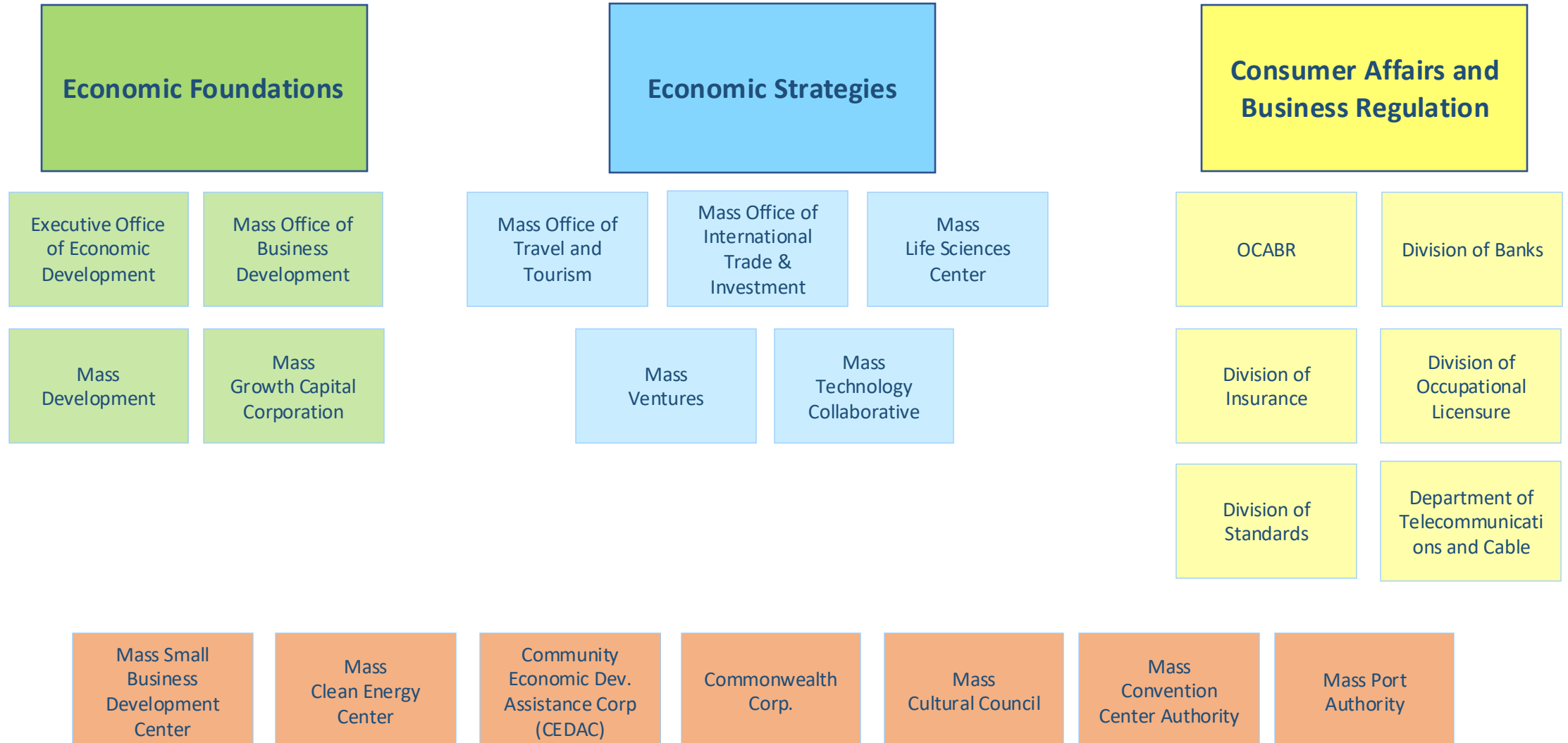
Economic Strategies Undersecretary Stanton

- Tourism/MOTT, International trade/MOITI
- New growth initiatives: Workforce, CHIPS+Science, Climate-tech, ARPA-H
- Partnering closely with our Quasis: MassTech, MassVentures, Mass Life Sciences

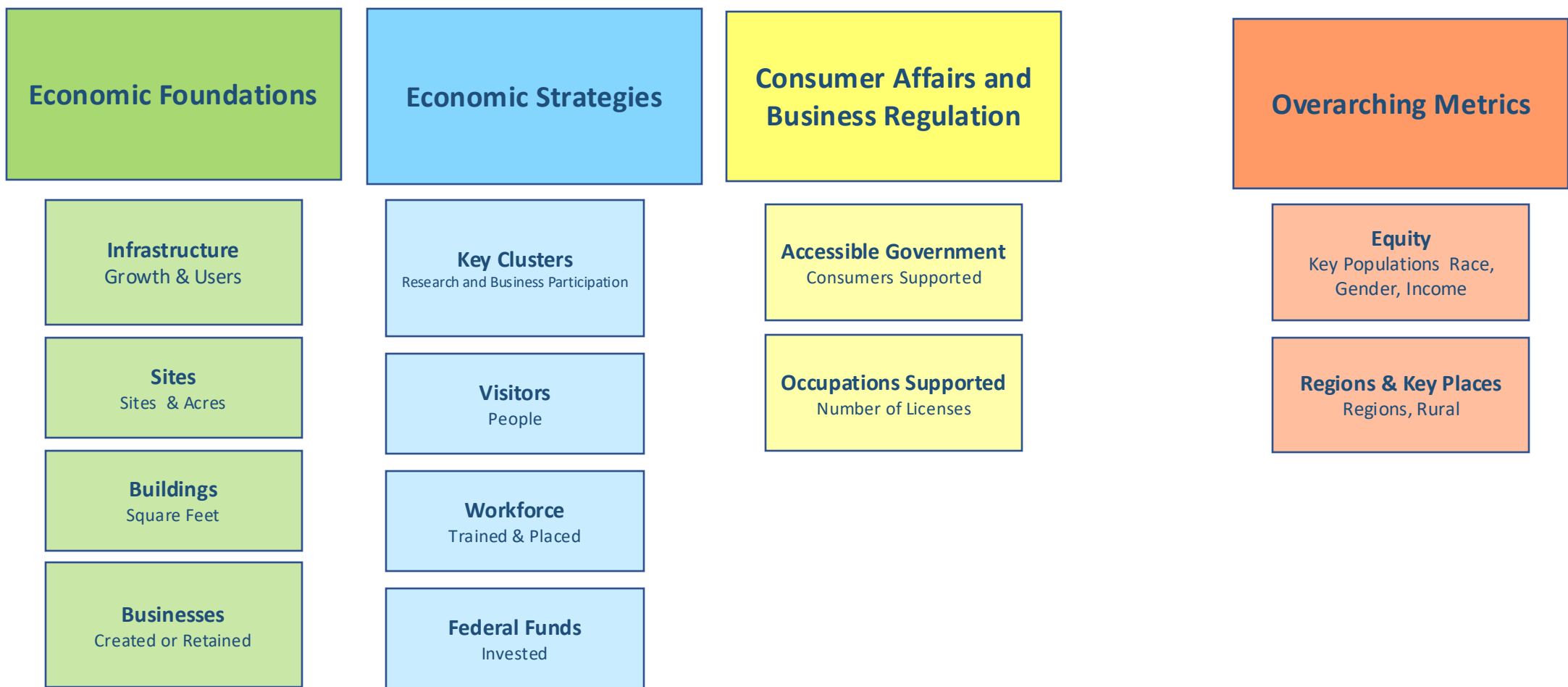
Economic Foundations - Undersecretary Stolba

- Infrastructure (MassWorks, One Stop, Broadband), Seaport Council, Military TF
- MOBD/Regional businesses, Rural director, Small/ micro businesses
- Partnering closely with our Quasis: MassGrowth, MassDevelopment, MassCEC

Office of Performance Management – Agencies



Economic Development – Metric Alignment



Agency Mission

Mission: The Massachusetts Clean Energy Center's (MassCEC) mission is to accelerate the clean energy and climate solution innovation that is critical to meeting the Commonwealth's climate goals, advancing Massachusetts' position as an international climate leader while growing the state's clean energy economy. MassCEC focuses on:

- Tackling greenhouse gas emissions in the hard-to-reach areas of the buildings sector
- Increasing access to clean energy for environmental justice and underserved communities
- Increasing availability of healthy and energy efficient commercial and residential buildings including affordable housing
- Supporting clean energy businesses with funding for working capital, technology development, demonstrating solutions, and interns
- Creating jobs and providing workforce training in the clean energy sector
- Supporting the burgeoning offshore wind industry with a focus on regional supply chain development and workforce training
- Providing funding for projects that demonstrate solutions to the state's transportation emission barriers

Agency Goals

Agency Goal 1: Driving Clean Energy Innovation and Market Transformation: Innovation is a key driver that will enable the clean energy transition and maintain a successful clean energy sector. The acceleration and expansion of markets and technology adoption will unlock solutions that will lead to safer, more reliable and more resilient energy infrastructure. To this end, MassCEC drives innovation and market transformation in ways that includes, but is not limited to, catalyzing new business and finance models, mobilizing third-party investments, fostering the demonstration of technologies, accelerating opportunities for the commercialization of next generation technology, supporting the formation and growth of early-stage companies, informing new policy and regulatory solutions, supporting research at academic and research institutions, and educating the public and industry on recommended best practices.

Agency Target for Goal 1:

- Funding Leveraged: \$138,538,249 of additional private and public funding unlocked by innovation and market transformation programs

Results:

- Funding Leveraged: \$219,217,399 of additional private and public funding unlocked by innovation and market transformation programs

Agency Goals

Agency Goal 2: Support the Clean Energy Industry Workforce: The strength of Massachusetts' clean energy economy depends on the strength of its workforce. The future of clean energy - one powered by innovation, growth and sustainable companies, policies and technologies - requires employees with various levels of education, skills, and on-the-ground experience. MassCEC plays an important role in continuing to implement efforts that prepare workers to meet the needs of the clean energy industry. (Targets based on the On-the-Job Training (College Internship Program), Vocational Internship and Technical Trades Work & Learning, Equity Workforce Development, and Offshore Wind Works Programs.)

Agency Target for Goal 2:

- Number of college students/interns employed at clean energy companies: 650
 - Number of women and minority students/interns employed, as a subset of total students/interns employed: 480
 - Number of interns and/or companies employed from Gateway Communities: 115
 - Number of community college students employed: 25
- Number of Minority and Women Business Enterprises supported: 130
- Number of total grant awards for equity workforce: 30
- Number of people trained: 250

Results:

- Number of college students/interns employed at clean energy companies: 619
 - Number of women and minority students/interns employed, as a subset of total students/interns employed: 471
 - Number of interns and/or companies employed from Gateway Communities: 122
 - Number of community college students employed: 13
- Number of Minority and Women Business Enterprises supported: 134
- Number of total grant awards for equity workforce: 54
- Number of people trained: 768

InnovateMass

Program Description: InnovateMass provides demonstration project grants of up to \$350k each to startup companies seeking to accelerate commercialization of innovative clean energy technologies and business models.

Anticipated Program Budget: \$6,025,000

Fiscal Year Goal 1: Support demonstration projects for innovative clean energy solutions, which help companies and their technologies move closer to commercialization.

Fiscal Year Target 1:

- Businesses Retained: 10
- Leveraged Funds: \$1.2M

Results:

- Businesses Retained: 20
- Leveraged Funds: \$7,861,984

Catalyst Program

Program Description: The Catalyst Program provides prototyping grants of up to \$75k to Massachusetts-based startup companies and academic researchers to seed commercial development of promising clean energy technologies.

Anticipated Program Budget: \$1,670,000

Fiscal Year Goal 1: Support academic researchers and early-stage companies looking to develop initial prototypes of their clean energy technologies.

Fiscal Year Target 1:

- Businesses Retained: 18
- Public Entities Impacted: 2

Results:

- Businesses Retained: 15
- Public Entities Impacted: 0

AmplifyMass

Program Description: AmplifyMass provides cost share grants of up to \$300k to Massachusetts-based startups and academic researchers receiving federal funding (e.g., from US DOE, NSF, or other federal funding agencies) for clean energy research and projects.

Anticipated Program Budget: \$3,500,000

Fiscal Year Goal 1: Supports startup companies and academic researchers secure federal funding for clean energy research and technology development projects

Fiscal Year Target 1:

- Businesses Retained: 8
- Public Entities Impacted: 4
- Leveraged Funds: \$20M

Results:

- Businesses Retained: 8
- Public Entities Impacted: 1
- Leveraged Funds: \$104,890,150

Accelerator and Incubator Support

Program Description: Provide operational and programmatic grant funding to Massachusetts accelerators and incubators that support cleantech startups and provide scholarships for certain participating cleantech startup companies.

Anticipated Program Budget: \$1,160,000

Fiscal Year Goal 1: Support Massachusetts cleantech incubators and accelerators directly, as well as the companies that join incubators and accelerator programs.

Fiscal Year Target 1:

- Incubators and Accelerators Supported: 9
- Massachusetts Cleantech Startups Retained/Participating in the Accelerators and Incubators: 190
- Leveraged Funds: \$25,000,000

Results:

- Incubators and Accelerators Supported: 12
- Massachusetts Cleantech Startups Retained/Participating in the Accelerators and Incubators: 215
- Leveraged Funds: \$31,969,082

Investments

Program Description: Supports seed and early-stage companies in development and commercialization through seed investment funding, early-stage equity investments, and follow-on investments. The programs will work to increase diversity amount company founders and increase the rate of company creation. (Includes Investments and Start-Up Studio.)

Anticipated Program Budget: \$8,000,000

Fiscal Year Goal 1: Support early-stage clean tech companies in development and commercialization stages.

Fiscal Year Target 1:

- Businesses Retained: 25
- Leveraged Funds: \$24,000,000

Results:

- Businesses Retained: 30
- Leveraged Funds: \$23,535,291.26

On-the-Job Training (College Internship Program)

Program Description: The Clean Energy Internship Program facilitates the placement of Massachusetts community college students, four-year college students, and recent graduates who are considering career opportunities in clean energy. This program provides paid full-time summer internships, as well as paid part-time (20hrs/week) academic year internships across the state.

Anticipated Program Budget: \$4,354,200

Fiscal Year Goal 1: Facilitate the placement of Massachusetts college students and recent graduates in paid clean energy internships across the state.

Fiscal Year Target 1:

- Students/Interns Employed at clean energy companies: 650 students
 - Women and Minority Students/Interns Employed (as a subset of total students/interns employed): 480 women/minorities
 - Students/Interns employed from Community Colleges (as a subset of total students/interns employed): 25 students
- Interns and Companies Supported from Gateway Communities: 115 interns/companies
- Companies Supported with MassCEC funded students/interns: 380 businesses

Results:

- Students/Interns Employed at clean energy companies: 619 students
 - Women and Minority Students/Interns Employed (as a subset of total students/interns employed): 471 women/minorities
 - Students/Interns employed from Community Colleges (as a subset of total students/interns employed): 13 students
- Interns and Companies Supported from Gateway Communities: 122 interns/companies
- Companies Supported with MassCEC-funded students/interns: 389 businesses

Vocational Internship and Technical Trades Work & Learning Program

Program Description: The Technical Trades Work and Learning Program places Massachusetts vocational high school students, After Dark students and Career Technical Initiative (CTI) students into paid internships with local clean energy employers over the academic school year (September-June). The Program focuses on providing high quality, on-the-job training for young people and adults, and allows employers to increase their talent pipeline through a subsidized internship.

Anticipated Program Budget: \$445,000

Fiscal Year Goal 1: Facilitate the placement of students and adults into high-quality, paid clean energy internships across the state.

Fiscal Year Target 1:

- Students Placed: 40 students
- Companies Supported: 20 businesses
- Women and Minority Participants: 30 women/minorities

Results:

- Students Placed: 22 students*
- Companies Supported: 12 businesses
- Women and Minority Participants: 9 women/minorities

* An additional 19 were placed using these funds, but the timing of the award process resulted in it being recorded in FY25. So, these funds supported a total of 41 students. Of the additional 19 finalized after the fiscal close, 15 were women and minority participants, raising the total to 24.

Equity Workforce Development Programs

Program Description: Programs to support Minority and Women Business Enterprises, organizations serving Environmental Justice Neighborhoods, and Fossil Fuel Workers to plan and develop career training programs, or pathways to programs that lead to employment in climatecritical occupational categories and business fields, in alignment with the state’s current 2030/2050 climate goals.

Anticipated Program Budget: \$16,340,000

Fiscal Year Goal 1: Develop workforce capacity in climate-critical occupations through equity-focused strategies in the form of support to Minority and Women Business Enterprises and worker training programs serving members of environmental justice communities.

Fiscal Year Target 1:

- Number of Minority and Women Business Enterprises supported: 130
- Number of total grants awards for equity workforce: 30
- Number of trainees supported through programming: 250

Results:

- Number of Minority and Women Business Enterprises supported: 134
- Number of total grants awards for equity workforce: 54
- Number of trainees supported through programming: 268

Offshore Wind Works

Program Description: Investments, technical support, and engagement to increase Massachusetts' workforce capacity to participate in offshore wind deployment and operations.

Anticipated Program Budget: \$2,000,000

Fiscal Year Goal 1: Increase Massachusetts workforce capacity to participate in offshore wind manufacturing, deployment and operations.

Fiscal Year Target 1:

- New/Expanded Offshore Wind Workforce Training Programs: 6 programs
- Programs/Projects focused on DEI/EJ initiatives: 4 programs
- Labor Unions Supported: 2 unions
- Number of students/workers trained: 200

(Note: MassCEC does not have a target for number of students/workers trained but will report on the outcome at the end of FY24.)

Results:

- New/Expanded Offshore Wind Workforce Training Programs: 9 programs
- Programs/Projects focused on DEI/EJ initiatives: 5 programs
- Number of new training infrastructure/equipment projects (supported through ARPA funds): 5
- Labor Unions Supported: 2 unions
- Number of students/workers trained: 500