

TEAM PENNSYLVANIA



**2021 - 2022
ANNUAL REPORT**



STATE COMMUNITY

MESSAGE FROM OUR PRESIDENT & CEO

As a statewide nonprofit, Team Pennsylvania tackles the issues that no one entity can address alone – issues that require strategic collaboration across public and private sectors. Collectively, we deploy our resources toward priorities that are established in partnership, all with the goal of accelerating Pennsylvania's economy.

In the pages that follow, you will find a selection of our work and a high-level overview of our strategic plan. Even as we embark on a new strategic plan for the organization, we maintain the organizational commitment that we have had since our inception: Collaborative. Entrepreneurial. Open and transparent. Non-partisan.

We also recognize that our accomplishments are only possible thanks to the generous support and strong engagement of our public and private sector partners over the years. Your partnership has allowed us to tell Pennsylvania's story, champion the industries that drive our economy, and work together on behalf of all Pennsylvanians.

We're proud of where we've been, where we are today, and where we're going, and we look forward to our continued work together.



ABBY SMITH
President & CEO,
Team Pennsylvania

“

**Being proactive in the
state of Pennsylvania's
accelerated growth is
our mission, and WE
ARE UP TO THE TASK.”**

Brian Jackson
Co-Chair,
Team Pennsylvania

STRATEGIC PLANNING



Working together for all Pennsylvanians in public-private partnership,
**Team Pennsylvania accelerates the commonwealth's
long-term economic future.**

STRATEGIC PLANNING

This year, the organization engaged in a months-long strategic planning process for the first time in over a decade, involving board, partners, investors, and staff, to set the course for Team Pennsylvania's future and the future of the commonwealth's economic trajectory.

Refining our core purpose:

"WORKING TOGETHER FOR ALL PENNSYLVANIANS IN PUBLIC-PRIVATE PARTNERSHIP, WE ACCELERATE THE COMMONWEALTH'S LONG-TERM ECONOMIC FUTURE."

How do we accomplish this? Through these key components:

HOW WILL WE WORK?

- All of our work going forward will happen through cross-sector collaboration.
- Public sector partners will play key roles on the board and in these collaboratives.

WHAT WILL WE WORK ON?

- We'll tackle the issues that are difficult for any sector or organization to address independently.
- We will work on economic opportunities that position Pennsylvania as a leader within the U.S. and globally, maximizing the impact for Pennsylvania.

Bringing It All Together

ACCELERATING OPPORTUNITY IN PENNSYLVANIA:

Team Pennsylvania will deploy its financial and organizational resources to address the issues identified in strategic collaboration as high-growth economic opportunities, leveraging these to create economic opportunity and access for all Pennsylvanians.

**Strategic
Collaboration**



**Strategic
Investment**



**Accelerate
Economic Growth**

ENERGY



Pennsylvania can and will be a **leader in the global energy transition**,
in ways that strengthen our workforce, grow our economy, and protect our planet.

ENERGY

Incorporating Carbon Capture Utilization and Storage (CCUS) and hydrogen technologies into Pennsylvania's energy system offers a path forward for the state to accelerate its decarbonization goals while maintaining and growing its industrial economy. We already have everything we need to be successful: a competitive advantage in energy production, promising geology for permanently storing carbon dioxide underground, a strong industrial base, and aggressive emissions reduction goals. Increasingly, other states are beginning to undertake this work as the nation more seriously contemplates how to navigate to a lower carbon economy. Pennsylvania must ensure that we are not left behind or playing catch up when there is a compelling case that action is needed now to capitalize on these opportunities right here.

With these facts in mind, in October 2021, Team Pennsylvania and the PA Department of Community and Economic Development (DCED) convened approximately 30 energy practitioner stakeholders across the public, private, and non-governmental sectors to build on previous work and begin taking steps toward realizing Pennsylvania's potential as a continued national leader in the energy space.

The group continued to meet quarterly, both as a whole as well as divided into action teams, continually working on key priorities. These efforts were focused on the following:

- Identifying priority opportunities and requirements for deploying CCUS and hydrogen;
- Taking action to ensure that we capitalize on our

potential to unleash innovative, technological, and market-driven solutions to reducing emissions economy-wide while creating jobs in the industrial sector;

- Working collaboratively with business and industry to ensure that we deliver practical recommendations and solutions; and
- Building this initiative with a broad set of stakeholders to ensure that the work is nonpartisan and sustainable.

In the ensuing months, Team Pennsylvania continued to accelerate the progress, building on the extraordinary momentum behind these issues. We believe that we are just at the beginning of a journey in which the commonwealth emerges as a national leader in demonstrating how our energy resources can be used to deliver on jobs, the economy, and improving the environment to the benefit of all Pennsylvanians.

Pennsylvania must ensure that we are not left behind or playing catch up when there is a compelling case that action is needed now to capitalize on these opportunities right here.

AGRICULTURE



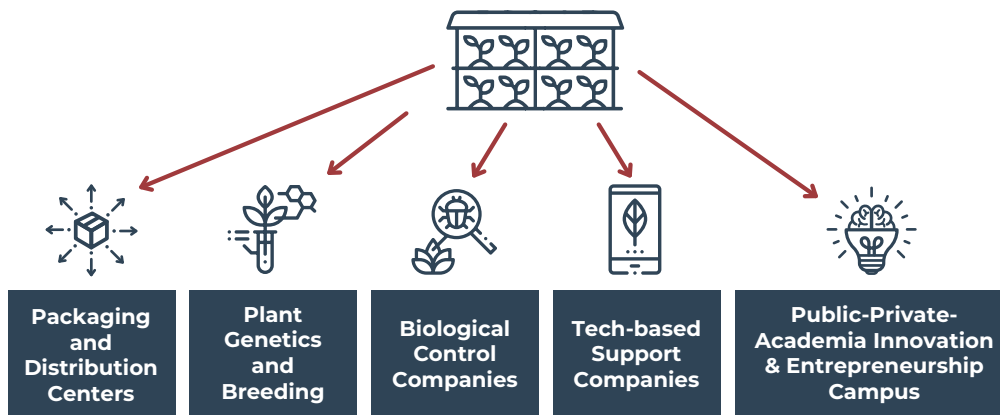
Team Pennsylvania partners with the Pennsylvania Department of Agriculture and industry leaders to advance Pennsylvania's agriculture sector and **grow the commonwealth's presence in regional, national, and global marketplaces** — ensuring this industry remains a vibrant part of our state for generations to come.

Controlled Environment Agriculture Trade Mission

In November 2021, Team Pennsylvania's Director of Agriculture Policy and Programs represented Pennsylvania in the Netherlands as part of the Keystone Agri-Tech Trade Mission. The mission was organized by Harrisburg University's Center for Advanced Agriculture and Sustainability (CAA) as part of their efforts to enable the widespread adoption of technology-enabled approaches to sustainable and localized farming methods. Team Pennsylvania and CAA see Team Pennsylvania's convening role and public-private partnership as complementary to their efforts going forward.

Throughout the mission, attendees explored the variety of established businesses and research institutions that are required to support Controlled Environment Agriculture (CEA) industries in the Netherlands. Discussions among participants centered on establishing CEA business, tech transfer, academic and workforce training partnerships between Pennsylvania and the Netherlands government, academia, and private sector companies.

CEA Greenhouses & Vertical Farms



WHAT IS CEA?

"Controlled Environment Agriculture" is an advanced and intensive form of agriculture production where plants grow within a controlled, indoor environment designed to optimize growing practices and outcomes, pest pressure, and year-round growing conditions. It can range in intensity and reliance on technology, including everything from shaded hoop houses to high-tech controlled vertical farms.

WHY CEA?

CEA can optimize water, nutrients, and chemical inputs, and reduce the potential for foodborne pathogens and nutrient runoff.

Additionally, it can reduce labor costs and replace jobs with more highly skilled jobs.

CEA can be adapted to urban areas not suitable for traditional agricultural production, addressing food access concerns, and bringing food production closer to consumers.

DIGITAL EQUITY



Promoting digital equity is of critical importance for Pennsylvania to
**advance the commonwealth's economic competitiveness and residents'
economic prosperity.**

DIGITAL EQUITY

Team Pennsylvania received a grant from AT&T to provide statewide, cross-sector leadership on the important topic of digital equity – including digital skills, literacy, and broadband connectivity.

Digital equity is the condition in which all individuals and communities have the information technology capacity needed for full participation in our society, democracy, and economy. This means that all workers, learners, and communities have access to:

- Training needed to gain relevant skills (literacy and skills)
- Technology necessary to participate in our society and economy (high-speed internet, digital devices)

Digital equity is an important area of focus for Team Pennsylvania, both within the area of education and workforce development as well as in cross-cutting ways with other content areas of the organization's work. Promoting digital equity is of critical importance for Pennsylvania to advance the commonwealth's economic competitiveness and residents' economic prosperity.

- Digital skills are becoming increasingly important in many industries and specific occupations. A study by The Brookings Institution found that nationwide, 71% of jobs in 2016 required medium or high levels of digital skills, compared to just 45% of jobs in 2002. The share of jobs that require digital skills has likely continued to increase since 2016, particularly during the COVID-19 pandemic.
- However, many workers lack proficiency in digital skills. Nearly one-third of American workers have limited or no digital skills, according to the National Skills Coalition,

and workers of color are disproportionately affected by digital skill gaps.

- Many Pennsylvanians do not have reliable broadband internet access. Approximately 16% of Pennsylvania households in 2021 did not have broadband internet access, according to estimates by the U.S. Census, and broadband access is a particular challenge in rural communities.

Through the grant from AT&T, Team Pennsylvania supported digital literacy badging through SmartFutures, a Pittsburgh-based nonprofit that provides electronic portfolios for K-12 students to track their career development activities. Through the SmartFutures portal, secondary students can complete Northstar Digital Literacy modules to earn badges and ultimately a completion certificate acknowledging acquisition of basic digital literacy skills. Since July 2019, students have earned more than 23,650 digital literacy credentials through SmartFutures and Northstar; on average, each student has completed two or more credential assessments.

Team Pennsylvania also partnered with state agencies, the Pennsylvania Workforce Development Board, and the Governor's Policy Office to support the development of a statewide approach to promoting digital equity, ensuring alignment across statewide activities.

Team Pennsylvania will continue to support digital equity into the next fiscal year, with plans to release a policy brief and landscape scan of efforts to advance digital equity across the commonwealth.

MANUFACTURING



Today's manufacturing sector is a source of technological innovation, great career opportunities, and the economic foundation of many smaller communities.

A strong manufacturing sector is critical to Pennsylvania's economic growth
and essential to the economic success of its citizens.

MANUFACTURING

The Pennsylvania Manufacturing Advisory Council, a nonpartisan partnership of manufacturers and industry experts convened by the Pennsylvania Department of Community & Economic Development and Team Pennsylvania, released Pennsylvania's Manufacturing Competitiveness Playbook – an actionable strategy document that identifies three game changers and 10 specific recommendations to make Pennsylvania's manufacturing economy more robust and resilient, thus creating more good-paying jobs for Pennsylvanians.

Based on input from more than 500 manufacturers, the Playbook is grounded in and responsive to the current challenges and opportunities facing manufacturers in the commonwealth. [The full report can be downloaded here.](#)



9.5%

Manufacturers employed 9.5% of Pennsylvania workers in May 2022, about 562,700 people in total.



33%

Pennsylvania manufacturing workers earn roughly 33% more than the average for other nonfarm businesses in the state.



90%

These higher paying jobs provide workers more than just higher wages; 90% of manufacturing workers have medical benefits.



78%

Additionally, 78% receive retirement contributions from their employers.



2.5
WORKERS

Every Pennsylvania manufacturing job helps to support 2.5 workers in the commonwealth, including those hired directly by manufacturing employers, their suppliers, and those providing goods and services to the employer's workers.

2021 - 2022 BOARD OF DIRECTORS

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Senior Consultant,
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Brian Jackson

(Private Sector 6/15/22 - present)
Managing Partner,
McNees Wallace & Nurick LLC

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Business Director, Americas,
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Jamie Martin

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APSCUF

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PA Department of Education

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Chief Operating Officer,
US Government & Public Sector
Practice,
Ernst & Young, LLP

Scott Sechler

President & CEO,
Bell & Evans

Michael Walton

CEO,
Jamestown Coating
Technologies

Eric Wolfe

President,
Horizon Technology

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PA Department of Labor &
Industry

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Air Products & Chemicals, Inc.

Sheilah Borne

Associate VP of Government
Health Relations,
Penn State Health

Kathleen Brunner

President & CEO,
Acumen Analytics

Hon. Amanda Cappelletti

Senator,
Pennsylvania State Senate

Timothy Charlesworth

Shareholder,
Fitzpatrick Lentz & Bubba, P.C.

David Davis

Managing Director,
Consulting Lead for Pennsylvania
and Talent & Organization Lead
for North America's Public Sector,
Accenture

Lisa Dell'Alba

President & CEO,
Square One Markets Inc.

2021 - 2022 BOARD OF DIRECTORS

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PA House of Representatives

Hon. Eric Hagarty

Acting Secretary,
PA Department of Education

Glennis Harris

Senior Vice President,
Customer Experience,
The GIANT Company

Edwin Hill, Jr.

International Representative -
Business Development,
IBEW

Farnam Jahanian

President,
Carnegie Mellon University

Sandeepa Kaleida

Founder & CEO,
Sigma Resources LLC

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Shannon Massey

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Manager,
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Communications Solutions
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Pennsylvania State Senate

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St. Luke's University Health
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Karla Trotman

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Electro Soft, Inc.

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Acting Secretary,
PA Department of Community
& Economic Development

Tiffany Wilson

President & CEO,
University City Science Center

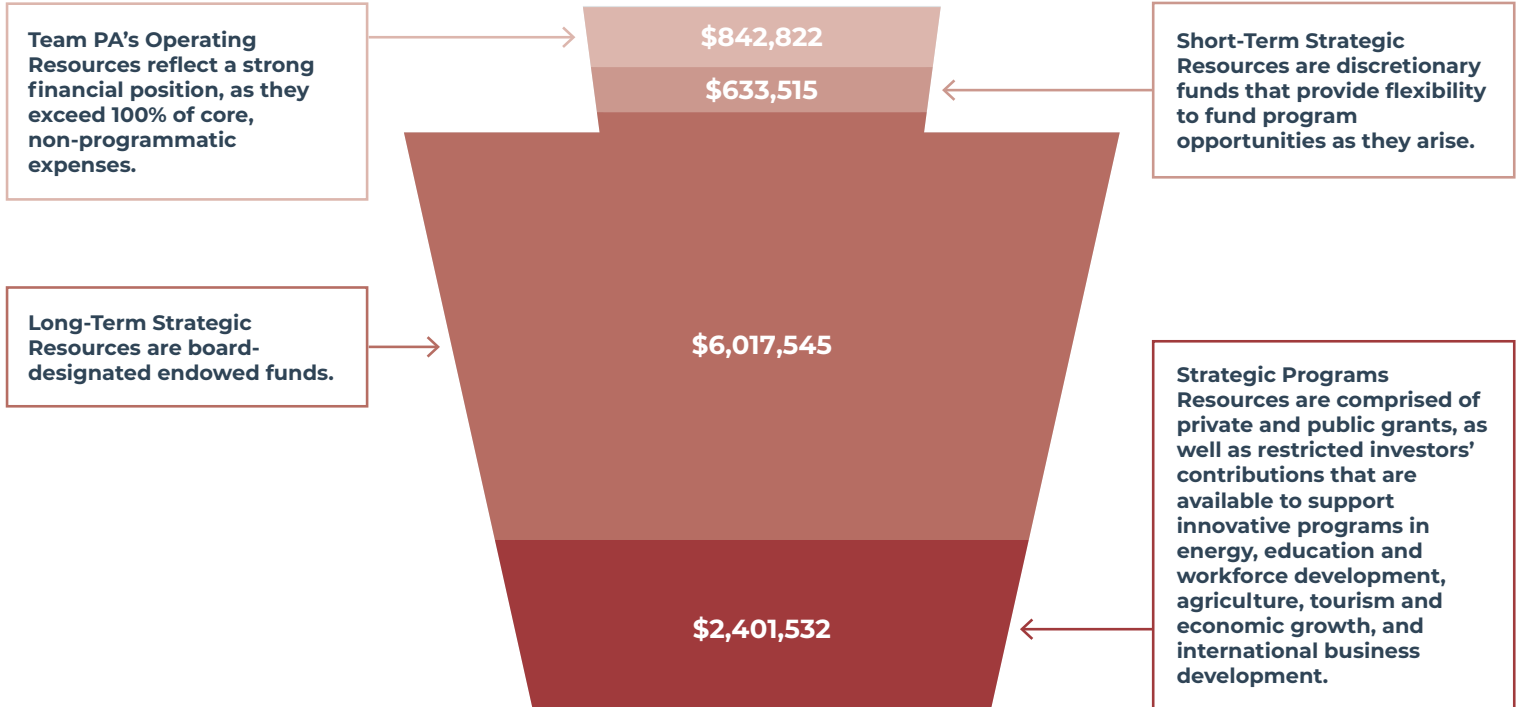
Scott Wyman

President,
PA Operations,
FirstEnergy Corp.

FINANCIAL RESOURCES

2021 - 2022 total

\$9,895,414




OPERATIONS


SHORT-TERM STRATEGIC


LONG-TERM STRATEGIC


STRATEGIC PROGRAMS

INVESTORS

ORGANIZATIONS

1st Summit Bank	Eichenlaub Inc.	Impact Learning, LLC	Sanofi Pasteur
Accenture	Electro Soft, Inc.	Insight Partners	Shell
Air Products & Chemicals, Inc.	Epcot Crenshaw Corporation	Lycoming Engines	Sigma Resources
APSCUF State Office	Erie Insurance	McNees Wallace & Nurick LLC	St. Luke's University Health Network
B. Braun Medical Inc.	Ernst & Young LLP	OraSure Technologies, Inc.	TE Connectivity
Boyd Station Foods	First National Bank	PEDA	University City Science Center
Carnegie Mellon University	Fitzpatrick Lentz & Bubba P.C.	Pennon Associates Inc.	Wilson500
Center for Dairy Excellence	Horizon Farm Credit (formerly AgChoice Farm Credit)	Pennsylvania Forest Products Association	Winner International Inc.
Deloitte - Harrisburg	IBEW Third District Office	Quandel Construction Group	



Team Pennsylvania needs to be around for another 25 years, and 25 years after that, because the problems we're facing are not going to be fixed in a matter of months. These are long-term programs that contribute to the prosperity and the attractiveness of the commonwealth."

Hilary Mercer, Shell, Team Pennsylvania Board Director

INDIVIDUALS

Michael S. Brownback	Andrea Heberlein	Shannon Massey	Abby Smith
Max Crumlich	Lindsay Helsel	Sarah Neighbors	Art Stephens
Jacquie Fidler	Rich Hudic	James Neuschwander	Ryan Unger
Deborah Guida	Kelly Kundratic	John Packer	Meghan Wills
Thomas B. Hagen	Sara Lauver	Amy Shields	Corinna Wilson

WORKING. TOGETHER.

