

Agriculture Cross-Sector Collaborative Launch Meeting

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A Cross-Sector Collaborative is...

An action-oriented public-private partnership that brings together business and government, with support of nonprofit, academic institutions, and organized labor, to realize economic opportunities through collective action.

Core Areas of Impact

Working to accelerate high growth economic opportunities for the commonwealth within:

- Agriculture
- Energy
- Manufacturing
- Life Sciences

Thinking globally...



By 2050

Population will reach 9.5B

Must increase food production by 70%

Currently, our global food system produces ~20% of all GHGs while being a system vulnerable to climate change.

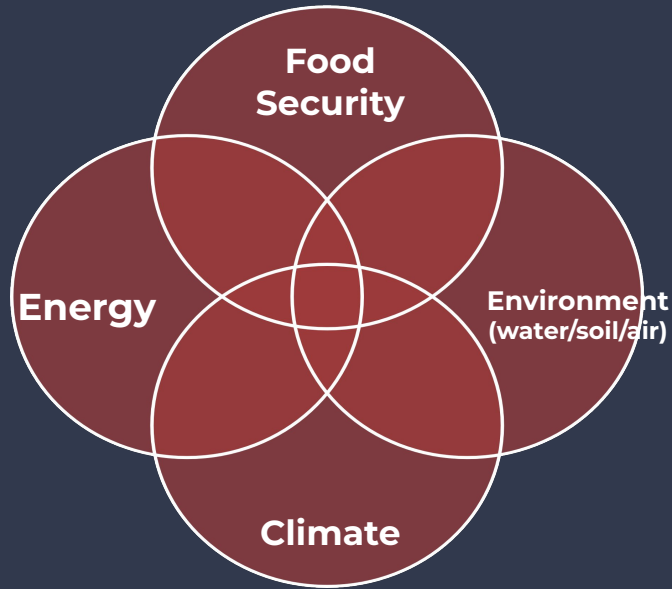
Here in Pennsylvania...



Agriculture contributes:

- \$ 135B in economic impact
- 1 out of every 10 jobs
- 25% of our land use is farmland (53% forest)
- More than 58,000 farms — *each a business.*
- 2,300 food processing companies.

Agriculture is both —



at the nexus of the most critical conversations of our time at a global level.

a major economic driver for Pennsylvania.

Our strengths have positioned us well to be part of the solutions. We have —

- ★ *Diversity of farms: types, sizes, locations, growing practices*
- ★ *Water*
- ★ *Abundant energy*
- ★ *Prime location with access to markets*
- ★ *An engaged next generation*
- ★ *World-class research institutions*
- ★ *Existing partnerships & tremendous potential to grow them*

***Given our resources and strengths,
Pennsylvania can be champions in the charge.***

Pennsylvania leads the nation in
farmland preservation.

*with more than **6,000+ farms.**
and over **620,000 acres.***

Our Farmland Preservation program guarantees PA will have the land to support a future food supply that contributes to a strong economy...

*... it does **NOT** guarantee that we will have other elements necessary for a thriving system or one that keeps its current pace.*

How do we work to ensure there are long-term economic opportunities for that land in food and agriculture?

Pennsylvania needs a food and agriculture system that—

- ★ *protects our environment and reduces climate impacts*
- ★ *is affordable, available and accessible, ensuring nutritious food for all*
- ★ *is an innovative, economic driver that creates a reasonable financial return to all stakeholders in the supply chain*
- ★ *sets an example for others to follow*

Narrowing Our Strategic Focus:

Advanced Agriculture

Advanced Agriculture refers to

tech-enabled approaches to growing and processing food with the intention of higher-quality, increased efficiency, and reduced impact on the environment.

In your mind, picture Pennsylvania food and agriculture 30 years from now...

What does it **need** to become?

What **could** it become?

In the absence of working together toward a more technologically-enabled future,
our food and ag industries will either fall behind in leadership, lose out on new growth opportunities, or both.

As a state, we need to —

- ★ *foster a multi-sectoral ecosystem that encourages technological innovation;*
- ★ *inform legislative and regulatory actions that allow for implementation; and*
- ★ *develop partnerships that inform appropriate technologies, create access and training, and encourage adoption.*

Working collaboratively and proactively towards these goals will serve to grow our regional, national, and global leadership in food and agriculture.

“There has been a failure to recognize that the solutions we’re talking about require multi-sectoral action... from government, to private sector, investors, to farmers, as well as consumers.”

*Ambassador Ertharin Cousin
CEO & Founder, Food Systems for the Future
World Agri-Tech Summit 2023*

Over the centuries, agriculturists have been innovators.

We did it then.

We can do it now.

And we can do it best by working together.