



Ag Innovation Center

Feb 1, 2023



Council Work to Date

Charter

Ag Education Video in Progress

Outreach to Private Partners

Joint Work with Energy Council

Ag Innovation Center Envisioning Session

Agriculture Top 10

1 - Be	Be a global model for agriculture: Brand the region as an epicenter for sustainable agriculture production, environmental quality, power, labor, water, ag-tech and bioproduct research & development
2 - Build	Build next generation industry leaders and workforce: Expand k-12 ag-infused curriculum, industry partnerships & experiential learning opportunities
3 -Coordinate	Coordinate goals, efforts and messages of agricultural organizations, agri-business, and key leaders: Create Regional Agriculture Partner's Council
4 -Develop	Develop business/management skills in agriculture industry: Expand agriculture-management and agriculture-business programs at WSU-TC and CBC
5 -Enhance	Enhance export efficiency: Create a truck to rail inland seaport for loading goods from trucks to trains
6 - Ensure	Ensure a thriving future for growers: Finish the Columbia Basin Irrigation Project
7 - Exploit	Exploit existing technology, foster innovation, and expand research, development and education in agriculture: Build a Global Agriculture Innovation Center
8 -Leverage	Leverage the industry to become an agriculture-technology hub: Form an agriculture-technology start-up incubator
9 - Meet	Meet the current and future workforce demands in agriculture: Attract, develop & train a highly skilled agriculture workforce
10 -Create	Positive public perception of the industry: Create a marketing/learning strategy for the non-farming public and elected leaders to promote the benefits of agriculture

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Ag Innovation Center - WHY

Capture Value of
Creating New Ag
Tech

Foster Innovation from
Fieldworker to
Corporation

TC is Leader in Ag
Production

Make TC Leader in Ag
Innovation

Connect Industry
and Institutions

Ag is Missing
Component in state
"Clusters"

Drive Interest in Ag Careers &
Education

Ag Innovation Center - WHAT

R&D to Tech
Transfer

Link to Higher
Ed

Makersp
ace

Focus on Private
Sector Needs

Office
Space

Focus on
Automation

Leverage Tech from
Other Industries

Labs

Co-locate Ext Office, USDA,
Commodity Groups

Gathering Space
(Coffee Shop)

Product Showcase for
Public

Ag Innovation Examples



Sprayer Using Cameras and AI to Target Weeds



Motion Detector and AI to Find Nematodes



Fungicide for Organic Farming



Similar Facilities



The Stepan Agricultural Innovation Center, Winder GA Industry facility to foster collaboration, research, and development initiatives to help their customers succeed in safe and sustainable agriculture.

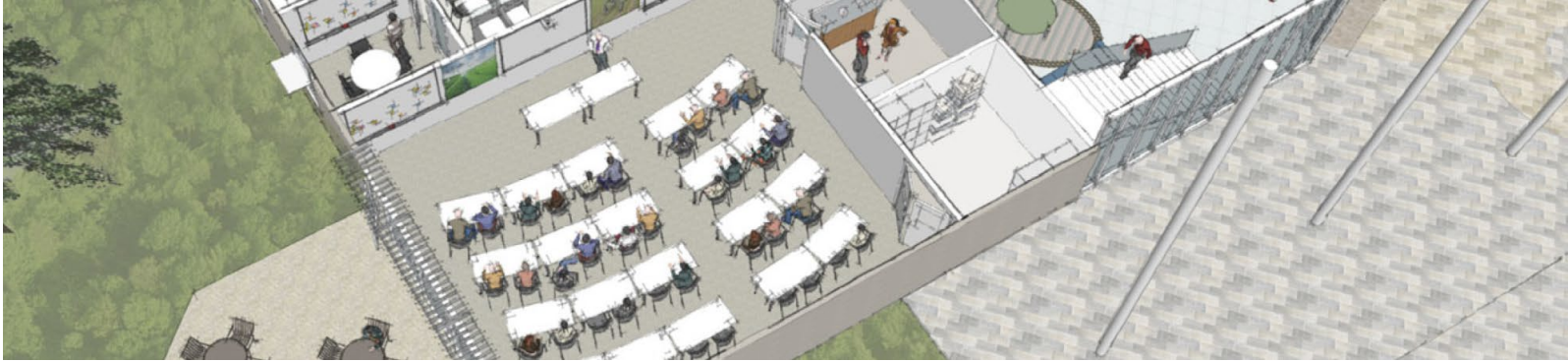
Similar Facilities



Ag Innovation Campus, Crookston MN

Host to private and public groups within agriculture providing the tools and technology to expand value-added ag products with a campus for real-world learning in production agriculture.

Similar Facilities



Lynda and Stewart Resnick Center for Agricultural Innovation, UC Davis

The Center will explore new ways of balancing food production with leading sustainability practices. Classrooms, research and lab spaces, as well as student career services.

Ag Innovation Center - HOW

- **WA State Funding for Feasibility Study**
- Federal Grants for Design and Construction – EDA, USDA, Others
- Partnerships with:
 - Industry and Trade Associations
 - Higher Ed
 - Like-Minded Agencies
- Operating Cash for Part-Time Development Staff
- Vision Casting