



Proprietary Indoor Farming

Wholly Owned Subsidiary of TrustBIX Inc.  
(TBIX TSX.V)

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**Alberta Food Security Inc. (AFS),**  
a wholly owned subsidiary of TrustBIX Inc. (TBIX)

**Our Proprietary Agriplay Indoor Farm Technology Addresses:**

FOOD  
INSECURITY

DISTRESSED  
REAL ESTATE  
MARKETS

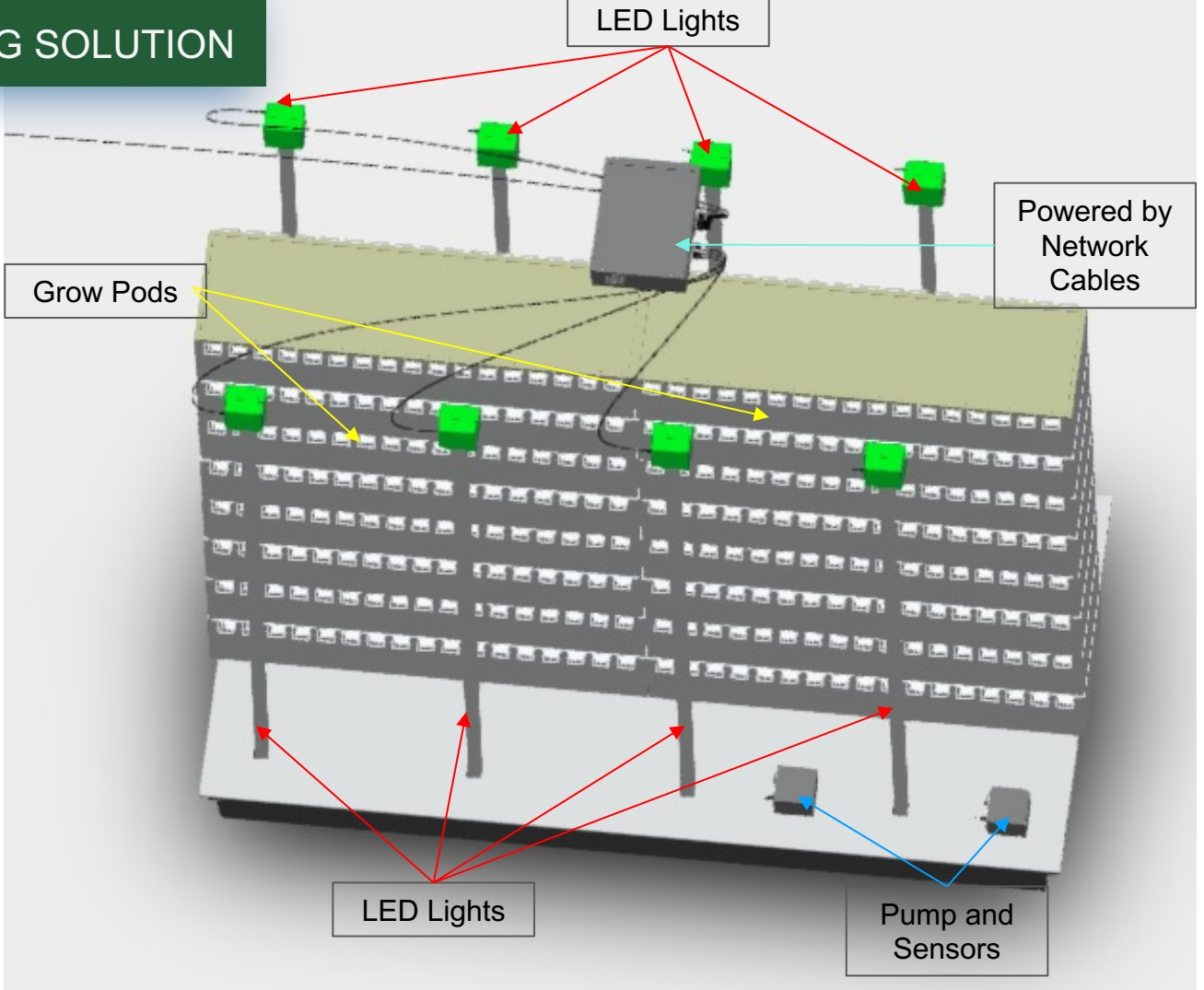
JOBS &  
BUSINESS  
CREATION

VERTICAL  
FARMING  
SCALABILITY



# AGRIPLAY INDOOR FARMING SOLUTION

- Custom LED lighting: Provides the 5 light spectrums required to maximize plant growth.
- Use of power over ethernet (low voltage).
- Ground up Canadian design.



# AGRIPLAY INDOOR FARMING SOLUTION

- Leverages artificial intelligence and machine learning (AI/ML).
- Minimal use of electricity and water.
- Minimal humidity





# AGRIPLAY INDOOR FARMING SOLUTION



- 150 varieties of fruit, vegetables and herbs.
- Has 3 Provisional Utility Patent Applications.
- Has over 100 industrial designs.

Confidential



	TRADITIONAL INDOOR FARMS	AFS (AGRIPLAY) INDOOR FARMS
Capital to build	\$300+ per sqft	\$150+ per sqft
Produce variety	Typically only leafy greens	Over 150 fruits, vegetables & herbs
Average power used to grow one pound of produce	Greater than 15 KWh*	Less than 1 KWh**
Building Requirements	Custom built or significant renovations	Existing buildings with standard HVAC, electrical & water are sufficient Minimal humidity
Building type	Industrial	Any commercial and industrial
Weight of equipment	Greater than 60 lbs per sqft	Less than 30 lbs per sqft**
Average cost to grow a pound of produce	\$4.50*	\$2.50**
Labour	Specialists required	Unskilled

\* From CoBank report from November 2022.

\*\* These are estimates and calculations performed by Agriplay using available data, market opportunities and transactions completed in Calgary, AB in 2022. Values may change, depending on what produce is grown.

## BUILDING REQUIREMENT AND RENOVATIONS

- Seal floors and walls
- Install plastic tiles for T-Bar ceiling
- Access to city water & drainage (gray water)
- Maintain room temperature (20 to 22 degrees)
- Maintain 4 air exchanges per hour
  - Maintains relative humidity and replenishes carbon dioxide (CO<sub>2</sub>)
- Bio-secure change room
- Electrical sub-panel (220V) for grow modules
  - Est. 8W per sqft per hour (for 18 hours)
- Zone for urban/indoor farming use
- Grow Modules Space Requirement: 120 to 150 sqft/grow module



# BENEFITS



## **Support Local**

- ✓ Support local businesses, communities, and people.
- ✓ Support community and downtown revitalization.
- ✓ Support local employment and business creation.

## **Support Sustainable Food Production**

- ✓ Reduce carbon footprint in food production & supply chains.
- ✓ Food safety through full traceability.
- ✓ Increase variety and nutritious food.

## **Support Our Economy & Society**

- ✓ Increase personal & household income.
- ✓ Increase building owner income.
- ✓ Increase residual perpetual charitable donations.

## WE ARE SEEKING

1. Owners of Under-Utilized Real Estate
2. Entrepreneurs & Owners/Operators
3. Owners/Managers of Restaurants & Food Service Companies
4. Investors & Financiers
5. Entrepreneurs for Exclusive Territory Distributorships
6. Charities, Indigenous, and Interest Groups
7. Government Support





THANK YOU!!!



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