



# Food Security and the Climate Crisis

Presentation to the Koronivia joint work on agriculture by the International Union of Food, Agricultural, Hotel, Restaurant, Catering, Tobacco and Allied Workers Association (IUFAHRTCA)

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# Sustainable land and water management



- The world food system does not currently support sustainability
- Sustainability of the climate, the environment, communities and employment and income
- Exploitative supply chains and denial of rights
- Monoculture, pesticides, artificial fertilisers

# Access to potable water and safe nutritious food is a Right



# Water, food security and nutrition



- Intrinsically linked
- water is essential for the progressive realization of both the right to adequate food in the context of national food security, and the right to safe drinking water and sanitation
- mainstreaming gender equality and women's empowerment in relation to water is fundamental to improving FSN

# The climate crisis and water

- increasing degradation of water resources and ecosystems, and the lack of fair and transparent allocation mechanisms that recognise and protect the interests and rights of all users, especially the most vulnerable and marginalized, intensifies the crisis.
- An extractive approach to water management exacerbates shortages and contributes to ecosystem imbalance





Water must not be used as an instrument of political or economic pressure





# Water contamination

- From pesticides, artificial fertilizers, antibiotics and other hazardous materials
- Develop and promote investments to: improve household availability of and access to safe water for drinking and sanitation; reduce the drudgery and burden of water collection and disposal for all, in particular women and girls
- provide access to safe drinking water to all workers at the workplace



# Food price volatility

- Sudden increases in food prices are often unconnected to land and water management or even climatic conditions
- They can result from commodity speculation and other forms of financialization.
- Investment must be directed to food security, nutrition and local food supply resilience.





# Heading in the wrong direction

- “At JBS USA, we recognize the importance and cultural significance of beef – from the men and women who raise cattle, to the front-line essential workers who process beef, to the families who enjoy a tender steak or hamburger as part of the family meal,” said Tim Schellpeper, president of JBS USA’s fed beef business. “Our longstanding commitment to the US beef industry and continued reinvestment in its success will help ensure that beef remains at the center of plates around the world for years to come.”
- - Meat and Poultry- June 9 2021

# Case Study Minnesota



# Case study Minnesota



- 2012-2017
  - Hog farmers decreased by 130
  - # of hogs increased by 850,000
  - # of dairy farms decreased by 16%
  - the dairy herd increased by 16%
  - GHG emissions rise in proportion to growth of large scale factory farms
- source IATP

# Community abandonment or just transition?



- Tripartite
- Farmers, workers, indigenous, gender equality
- Right to Food, equitable access to water
- Focus on soil and water
- Skill development
- Decent work