



# *Keys to Achieving Global Food Security*

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# What are the Challenges?

- **Sustainable increases in productivity**
- **Reducing food loss and food waste**
- **Resilience and adaptation**
- **Contribute to reduction/removal of greenhouse gases**



# What are the Tools?

- **New technology**
- **Resource efficiency**
- **Integrated pest management**
- **Post harvest lost reductions**
- **Risk management**
- **Reduced marketing costs**
- **Strengthen investments in R&D**
- **Best practices through extension**
- **Focus on small holders and women**



# What does it take?

- **Strong institutions and governance**
- **Agricultural regulatory systems**
- **Infrastructure grids**
- **Good market information**
- **Trade facilitation**



# Closing Quotes

**“Combating hunger and feeding the world, particularly the children, is one of the great challenges of our day. Giving a child the opportunity for a brighter, more productive future, affects not only the individual child, but the community where that child is raised, the country where he or she lives, and the entire world.”**

Tom Vilsack

U.S. Secretary of Agriculture



“The G20 ministerial provides an important platform for agricultural leaders to discuss efforts to improve food security around the world,” said Vilsack. “From the U.S. perspective, reducing post-harvest loss and food waste play a major role in this effort. We also believe that nations must acknowledge the important role that science plays in increasing crop production and the role that open, rules-based trade can play in growing economies and fostering food security in the face of a changing climate.”