

# WORKSHOP/SYMPOSIUM ON SCIENCE DIPLOMACY

Scientific Collaboration, Taste of Diplomacy

CSPC, Toronto, Nov 20, 2013

## China Canada Collaboration in Agriculture

**Dr. Y. Martel**

Retired Chief Scientist, International, AAFC

# International Collaboration is Key to Meeting Global Food Security

- Science and innovation are essential for feeding nine billion people in 2050
- When leaders are meeting , G20... science and innovation are on the agenda to support trade and cooperation between countries
- China encourages international cooperation for modern agriculture
- Canada with its science and land capacities can be part of solution

# Understanding Agriculture Knowledge Innovation Systems, AKIS

*Science and  
Technology*

Knowledge and  
Innovation

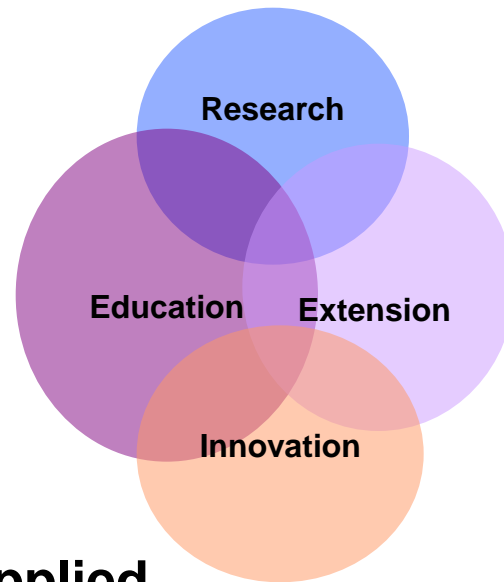
Targeted and  
non-targeted

Research and  
Development

Science and  
Innovation

Research and  
Innovation

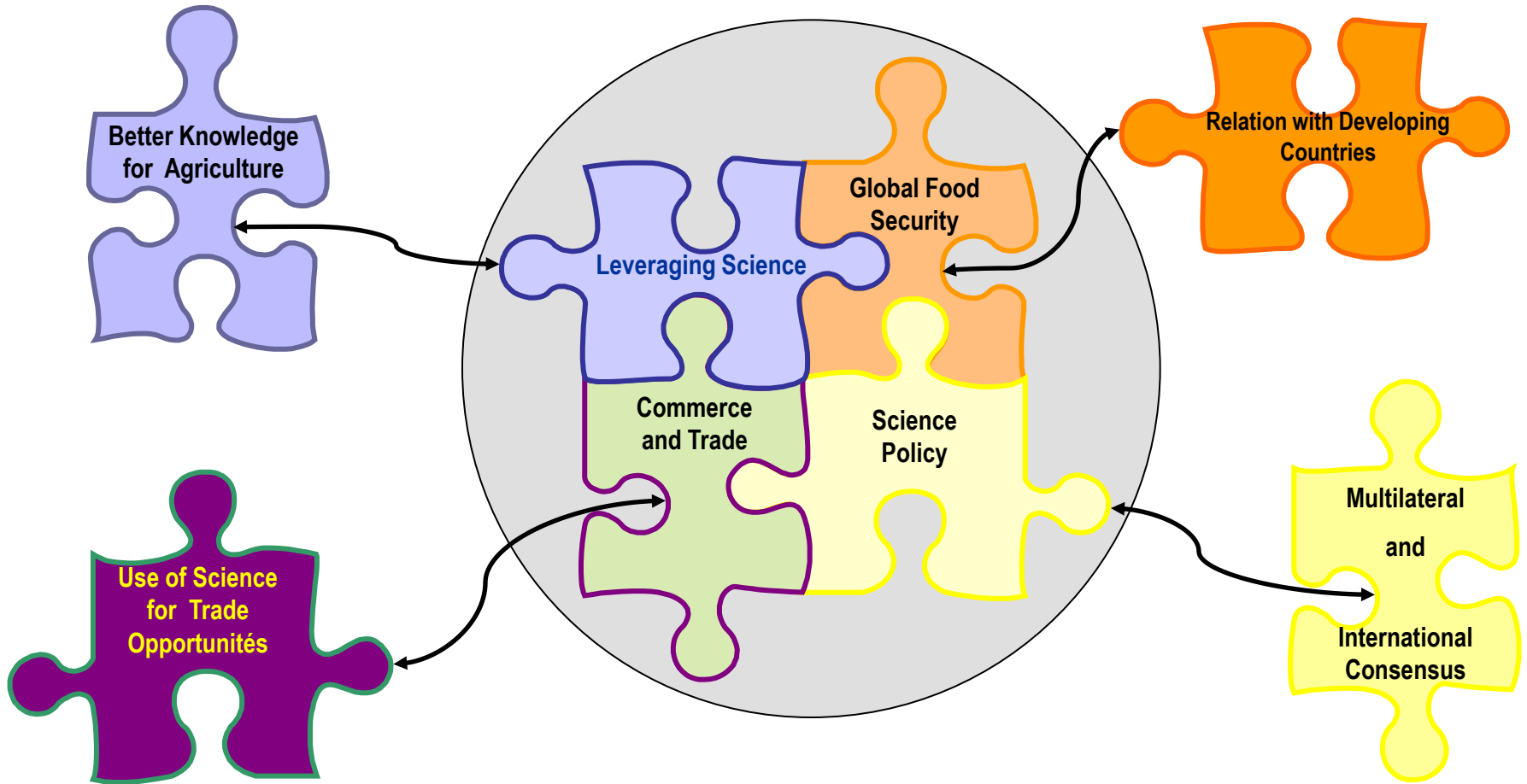
Fundamental and applied



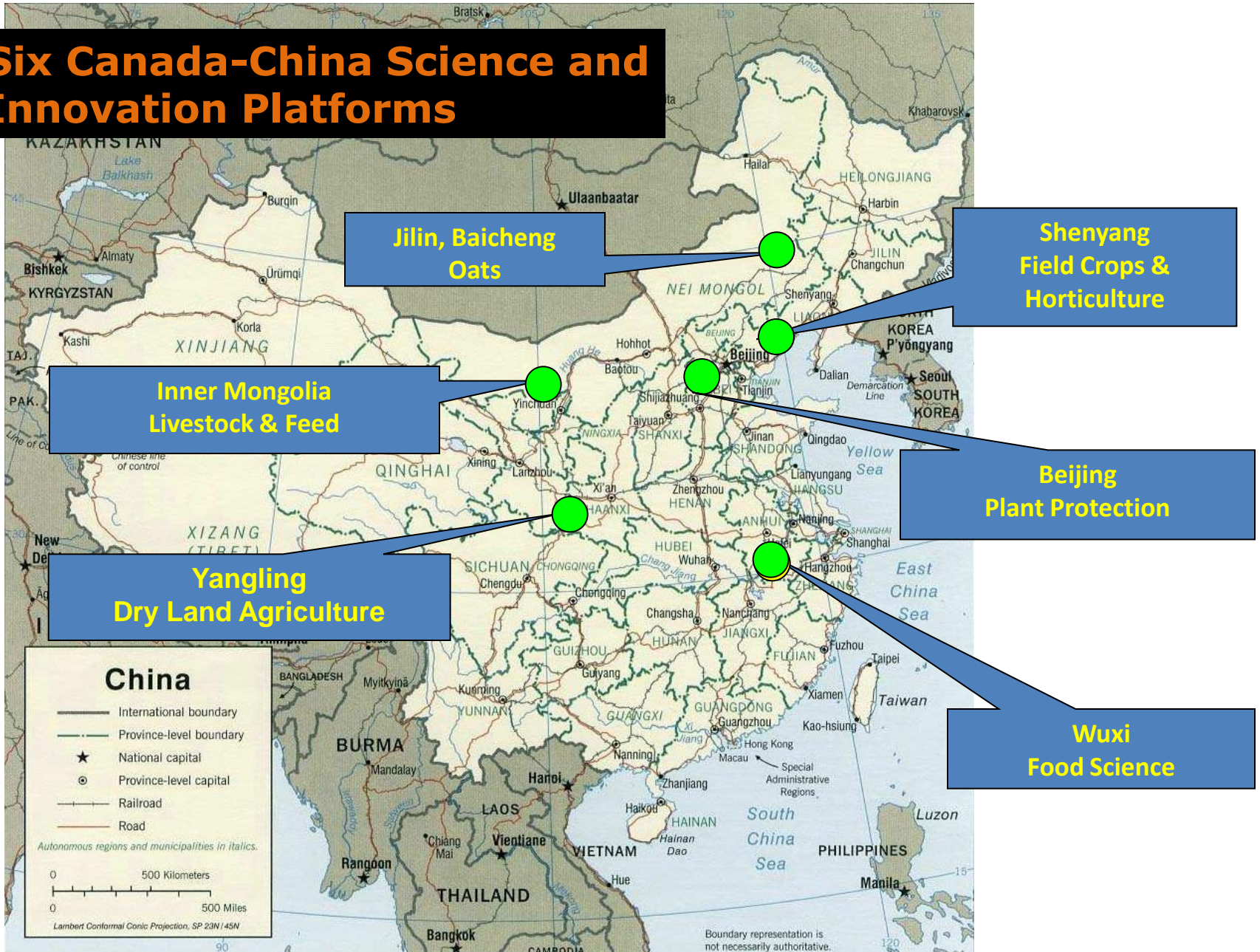
Biotechnology

GMO

# A focus on International



# Six Canada-China Science and Innovation Platforms



## Tools for Science Collaboration Canada-china

1. Exchange of graduate students
2. Strategic workshops on scientific topics
3. Twinning of existing projects
4. Use of MOU,s to identify areas of collaboration and partners



# Oats on Saline Land



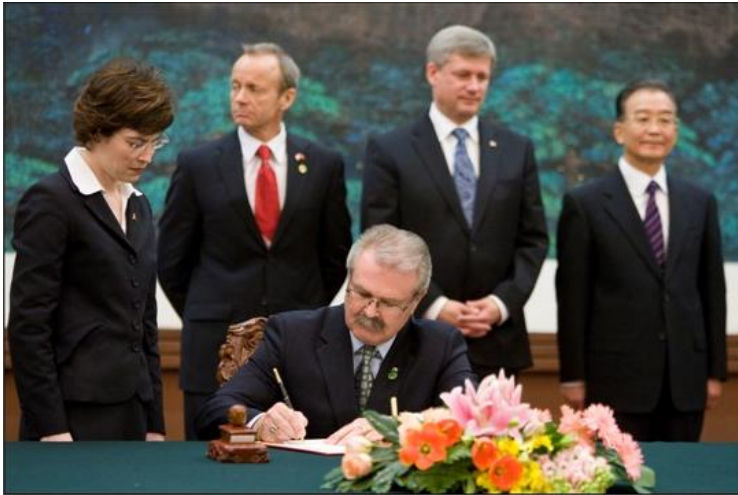








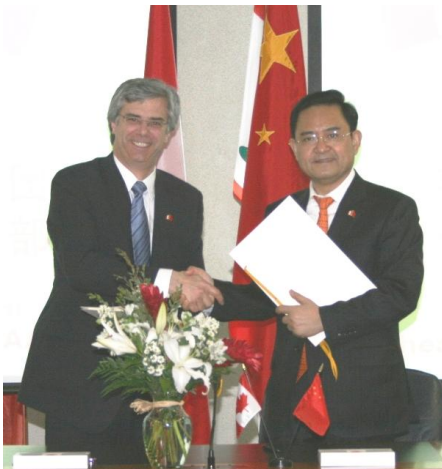
# Canada-China Agricultural S&T Cooperation



Office of the Prime Minister  
Cabinet du Premier ministre

Office of the Prime Minister  
Cabinet du Premier ministre

MOU was signed between AAFC and China's Ministry of Education on Scientific and Technical Cooperation and Personnel Training, during the state meeting of Canadian PM Harper and Chinese Premier Wen, in Beijing, on 3 December 2009.



MOU was signed between AAFC and China's SAFEA for the Exchange of Scientific and Technical Personnel, during the meeting of Minister Ji of SAFEA with Dr. Fortin, Assistant Deputy Minister (Research) of AAFC in Ottawa on 20 April 2009.







# Canada with High Visibility at Yangling CAF



ADM, Research of AAFC speaking on behalf of all international delegates at the Opening Ceremony of CAF, Nov. 1, 2009



ADM, Research of AAFC participated to a Summit on Food Security and Science with other key world leaders, Nov. 1, 2009



Participants of about 100K present at the Opening of CAF.

# Conclusions

- Policies and markets are more and more science driven at the national and international levels.
- International collaboration is a benefit to all
  - Raises the bar of excellence.
  - Keeps researchers, industries and policy-makers abreast of the latest scientific developments.
  - Accelerates trade opportunities.
  - Supports sustainable production
- Flexible mechanisms facilitate international collaboration.
- Best business is done among best friends , “friendship”.



A wide-angle photograph of a lush green field, possibly a meadow or a large farm, stretching towards a horizon under a bright blue sky with scattered white clouds. The text "Thank you" is centered in the lower half of the image.

**Thank you**