



Agriculture and
Agri-Food Canada

Agriculture et
Agroalimentaire Canada



Impact through Integration

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Canada 

Science-Policy Integration

- **Science is one of government's key policy instruments**
- **Government science has a key role to play in supporting**
 - Policy development and delivery
 - Decision-making
 - Regulations
- **Important issues are cross-cutting**
 - Environment and climate change
 - Health
 - Prosperity
- **Current fiscal and political environment**
 - Find ingenious ways of doing better with current resources

Integration and Collaboration

- **Science and policy interactions are often difficult**

- Different perspectives and approaches
- Timing and presentation of information
- Degree of certainty

Need to adapt messages to audience and educate the other community

- **Cross-cutting issues require coordinated government-sector-academic approach**

- Cross-disciplinary, cross-jurisdictional teams needed for holistic solutions
- Collaborations forming teams to optimize results with existing funding is the goal - not competing for new resources

AAFC Experiences – Science & Innovation Strategy Action Plan

- **AAFC RB experience in linking to policy on cross-cutting issues**
 - Make a business case linking to government priorities
 - Start early to integrate with other functions

- **Action Plan identifies specific areas of action**
 - Identifies 22 key expected results
 - Clarifies accountability
 - Emphasizes integration

- **Better communication of:**
 - Areas where science can contribute to the policy development process
 - Areas where policy, programs and regulations can support scientific developments

AAFC Experiences – Growing Forward

- **Realizing the Innovation Continuum**
 - Avoid gaps and discontinuity
 - Need to feed S&I pipeline

- **Actions to foster collaborations and strengthen innovation system**
 - Create R&D performance and receptor capacity in the sector
 - Encouraging culture change
 - Growing Canadian Agri-Innovation Program

AAFC – Growing Forward and beyond

■ One government approach

- Integration Board on the Bioeconomy
- Integration with new, non-traditional stakeholders, e.g. auto industry

■ Collaborations 2.0

- Focus on synergies – demonstrating impact and value
- Strengthening ties among participants – innovation culture
- Innovation communities

AAFC Collaborations

■ **Co-locations**

- Pros and cons
- Lessons learned

■ **Agricultural Bioproducts Innovation Program**

- 9 multi-institutions networks
- From R&D to commercialisation
- Coordinated/ integrated approach
- More lessons learned

Implications for the future

■ Collaborations

- Starting from a common goal
- Joint planning and decision-making
- Enhancing overall capacity – innovation culture
- Creating synergies and leveraging investments

■ Communication and Engagement crucial

- Signaling opportunities and potential for development
- Understanding intentions and roles
- Demonstrating value