



Canadian Food
Inspection Agency

Agence canadienne
d'inspection des aliments

Canadian Food Inspection Agency



Our vision:

To excel as a science-based regulator, trusted and respected by Canadians and the international community.

Our mission:

Dedicated to safeguarding food, animals and plants, which enhances the health and well-being of Canada's people, environment and economy.

Options for Pest Risk Management Initiatives:

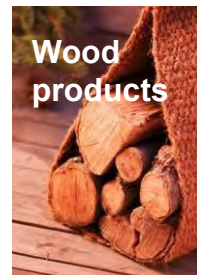
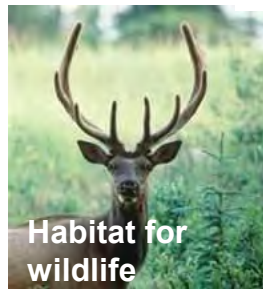
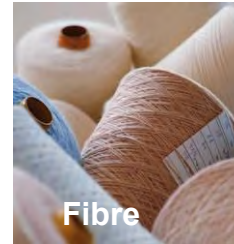
Maximizing the Bang for the Buck

Greg Wolff, Chief Plant Health Officer

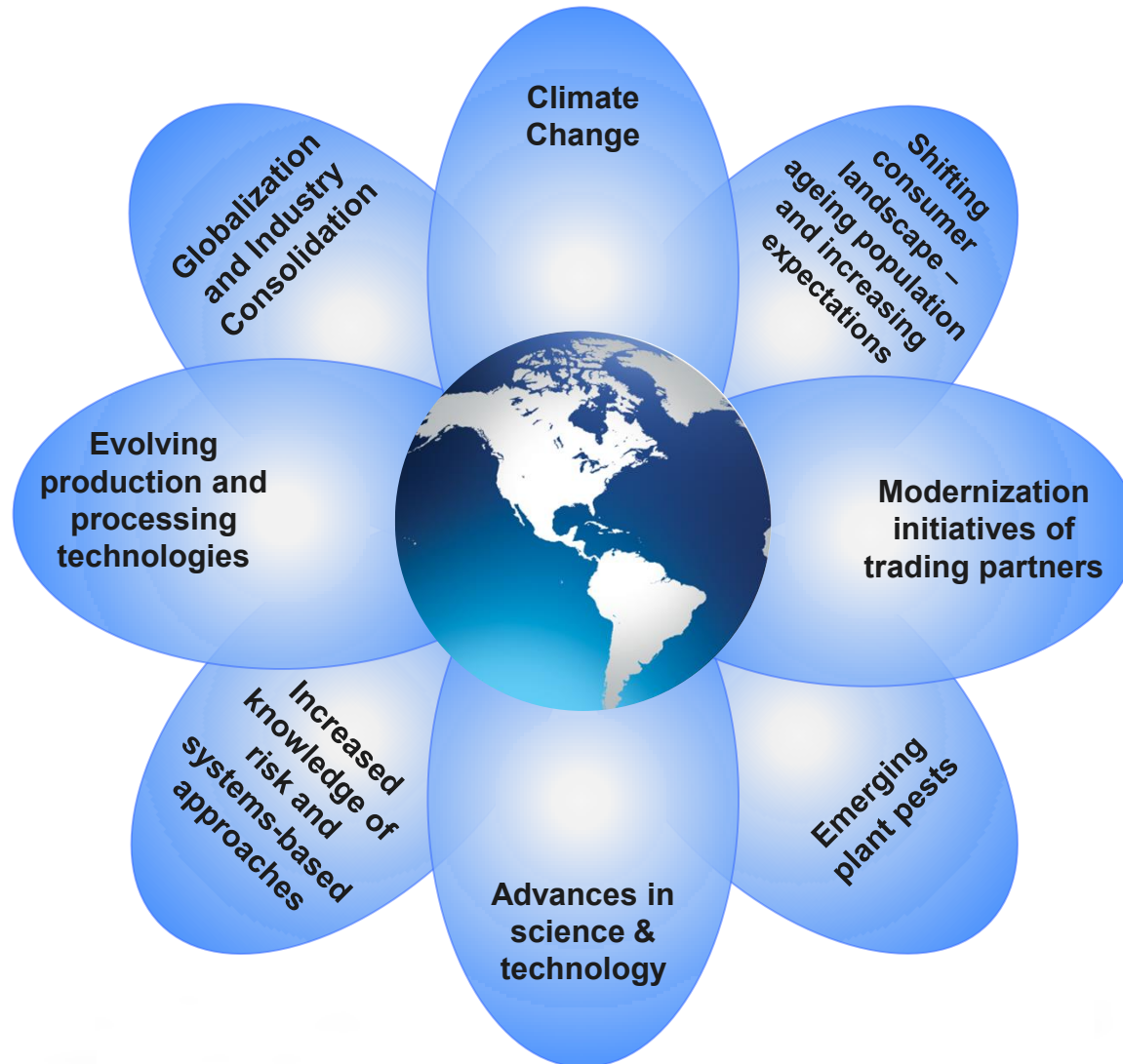
Canada

Canada

It all starts with plants...



Emerging Challenges and Risks



Solutions

- Focus on Prevention
- Improving risk intelligence
- Strategic partnerships
- Systems approaches, Alternative Service Delivery and Industry Standards
- Communications, Outreach and Education
- Standard setting

Plant Pests: Emergency Management



Prevention & Mitigation

Actions taken to identify and reduce the impacts and risks of hazards before an emergency occurs

Preparedness

Increases the ability to respond quickly and effectively to emergencies and to recover more quickly from their long-term effects; involves actions taken prior to an event to ensure the capability and capacity to respond

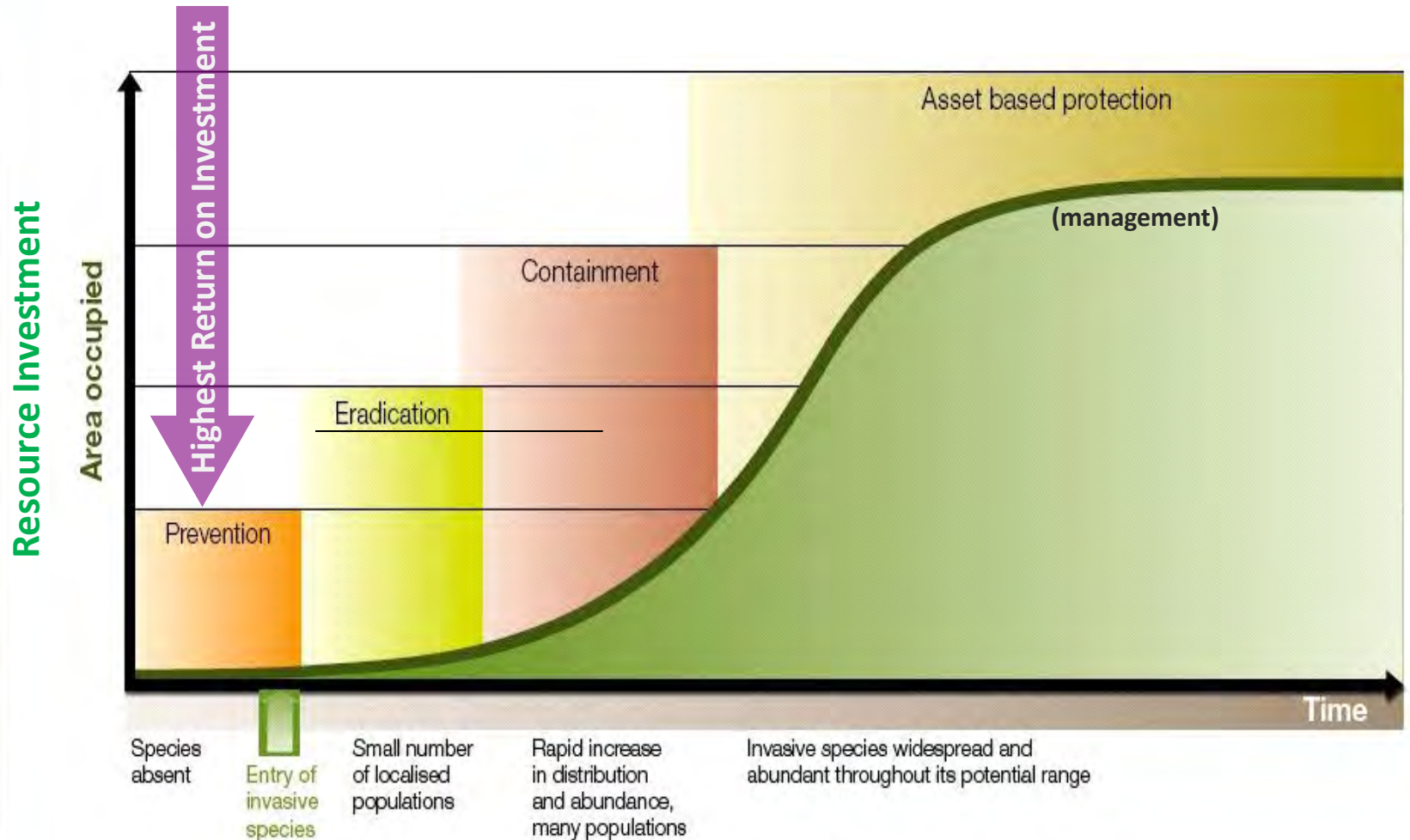
Response

Actions taken during or immediately after an emergency or disaster to manage the consequences

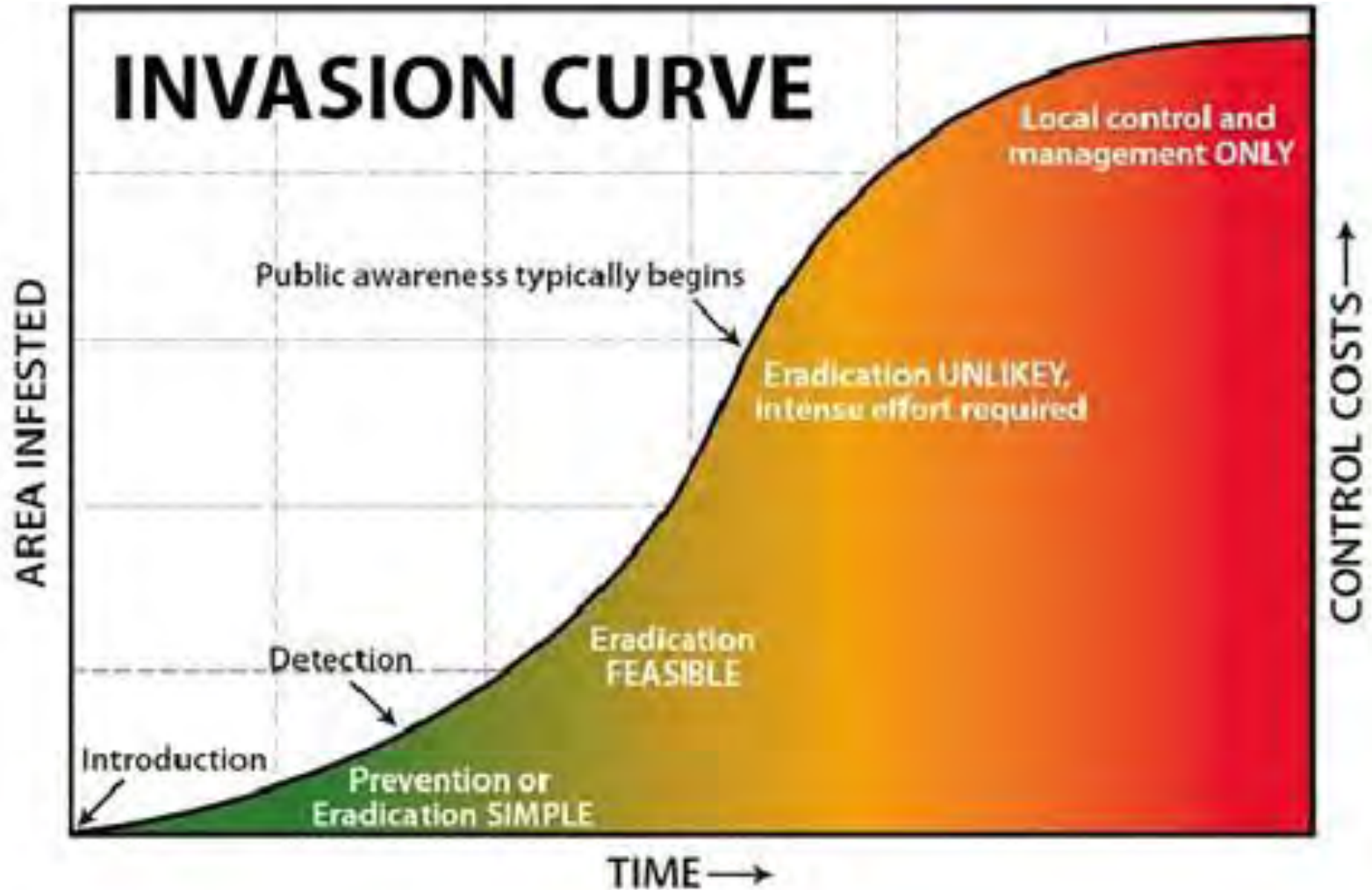
Recovery

Actions taken after an emergency or disaster to re-establish or rebuild conditions and services to an acceptable level

PREVENTION: Best Point of Regulatory Response to Address Plant Threats



Likelihood of Intervention Success



Risk Intelligence

- **Enhanced economic analysis and cost-benefit analysis**
- **Risk Prioritization**
- **Foresighting**
- **Big Data**



Building on Stakeholders' Strengths

- Consider and reduce risks of all types (trade, economic, biological)
- Concentrate public funding where return on investment is greatest for public versus private good
- Enable industry to use their strengths and collaborate on voluntary standards to address risks
- Engage through the entire value chain, from individual primary producers to national organizations to end users



Partnerships and Collaboration



- Cooperation in communications
- Cooperation in managing risks at origin and at the perimeter
- Increased cooperation in risk analysis and development of risk management options



Alternative service delivery and partnerships to facilitate trade

- Third party Alternative Service Delivery arrangements for import and export certification
- NAPPO members make use of systems approaches in areas such as nursery and greenhouse plants, fruits, fruit trees
- Systems approaches, although repeatedly proven as more effective than single point mitigation, require ongoing promotion with trading partners

Return on Investment

Focus efforts on greatest return on investment: prevention

Enhanced Economic and cost-benefit analysis

Government Focus on:

- Areas of greatest risk
- Barriers with greatest impact
- Areas of greatest public benefit: across the continuum of imports, domestic production, and exports

Partner Focus on:

- Emergency response frameworks
- Risk control plans, third party service delivery, licencing, systems approaches
- Confidence in the legitimacy and credibility of decisions



Communication, Outreach and Education

- Communicating pest risk: risk registers
- Communication and outreach to importers, producers and exporters
- Engaging the Public
 - social media
 - citizen science
 - active engagement where it will resonate
 - e.g., experience with recycling program and school children



Economic Incentives

- Pooled resources and contingency funds with linkages to compensation
- Common understanding of public good of adherence to regulations
- Voluntary on-farm biosecurity systems imply increased responsibility for risks but also can improve marketability
- Linkages to crop insurance

Role of international standards

- Standards can change practices and reduce risk on an international level, e.g., ISPM 15
- In a similar sense to the rationale for third party service delivery, there may be more need to rely on standards in the future
- Also need standards for third party service delivery!
- Implies more development of commodity standards
- NAPPO and the IPPC are becoming more vital and we must ensure their relevance is clear to decision-makers
- Must focus on their strategic development as well as ours

Your views

- What would you do differently?
- What piece of the puzzle would you change?
- What can you do today, in your own area of responsibility, that would make a difference?