Developing & Expanding Opportunities in the Emerging Low Carbon, Bio-Resource Economy

Atlantic Biorefinery Conference
June 2016
Topics

• Background
• Vision
• Mission
• Strategic Themes
• Year 1 Work – ’Taking the Pulse’
• Year 2 Plan – ‘Taking Action’
Nova Scotia Innovation Hub Background

- Established in 2015
- Objective to foster hosting conditions supportive of the Bio-Resource Industry
- Governance, strategic input & funding:
  - Nova Scotia Department of Natural Resources
  - Atlantic Canada Opportunities Agency
  - Innovacorp
  - Private Sector
- Flexible resources employed, bringing in expertise from various organizations and sectors as required
- Year 1 activity structured as partnership including:
  - FPInnovations, a world-leading research and development institute dedicated to innovation in the forest products industry, and
Vision

Developing and expanding opportunities in the emerging low carbon, bio-resource economy to enhance prosperity.
Mission

Creating and promoting robust hosting conditions for a low carbon, bio-resource economy by:

- Capitalizing on opportunities created by the growing demand for low-carbon products and processes
- Promoting and supporting innovation with SME’s
- Advancing feedstock supply chain efficiency
- Fostering strong collaborations amongst all stakeholders
Strategic Theme Priorities

1. Leadership, Communication, and Knowledge Transfer
2. Supply Chain Enhancement
3. Political and Regulatory Alignment
4. Relationship Building
5. Low Carbon Bio-Resource Industry
6. Funding
Year 1 Work – ‘Taking the Pulse’

- Feedstock Assessments for target locations
- Fibre Supply Chain Infrastructure Assessment
- Domestic Market Opportunities of Bio-based Products
  - Heating Oil
  - Marine Fuel
- Dynamic modelling of the Forest Products Industry
- Industrial and Technological Benefit (ITB) Funding Opportunities
Year 2 Plan – ‘Taking Action’

- Proposed initiatives under Strategic Themes - examples:
  - Increased adoption of advanced natural resource management planning and productivity tools
  - Emerging bio-resource technology assessment/scoping
  - Regulatory frameworks to encourage the bio-resource sector
  - Bio-resource market development
Relationship Building

- This can’t be done alone – Engagement & collaboration is critical to success:
  - Public & Private Sector
  - Multi-sector (Forest, Agriculture, Ocean, Waste Management)
  - Cross-regional (Atlantic Canada….maybe beyond?)
Thank You!

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