



Pursuing Excellence

Presentation to Commission for Environmental Cooperation
October 20, 2004.

1. Introduction to Canadian Forest Industry
2. Challenges
3. Actively Addressing NPRI
4. Future Opportunities
5. Summary

Canadian Forest Products:

An economic cornerstone



- 3% of GDP
- Economic engine of 350 communities
- Employ ~ 1 million Canadians
- Average annual compensation: \$70,000
- Over 150 pulp and paper facilities
- Over 1000 wood products facilities

Aggressive Action:

Overall Environmental Performance

Since 1990:

- \$8 billion on environmental improvements
- 28% reduction in greenhouse gas emissions
 - 1600 MW of renewable energy generation
- Virtual elimination of dioxins and furans
- Doubling of recycling
- Halving of particulate emissions

A Forestry Leader:

Forestry Practices



- Canada is global leader in third-party certification
- Condition of FPAC membership
- More hectares certified than any other country
- No net change in forest cover
- More protected wilderness areas

Our Sub-Sectors

Pulp and Paper

- Mature industry
- Large, integrated and consolidated
- Highly regulated

Lumber

- Mature
- Small and large
- Limited regulations

Panel

- Newer industry
- Regulated

NPRI Reporting Challenges

- Diversity (size, technology, emission profiles, etc)
- Data accuracy and consistency challenges
 - Limited expertise, variations in methodologies, credibility in approach
 - Species variability between Canada and the U.S.
 - Caution with public reporting
- Increasing complexity and overall expansion of the NPRI substances
 - Prioritization necessary, unable to 'keep pace' with all changes
- Potential for poor government decision-making based upon poor NPRI data quality
- Concerns with relevancy to our communities

Addressing NPRI

- Engaged stakeholder
- Aggressive action to:
 - Improve quality of data
 - Improve consistency of data
 - Address data gaps over time
 - Prioritization!
 - Reduce reporting burden on sector
 - Flexibility!
 - Leverage US data and experience, where possible

Reporting Tool

Our Commitment to Quality Data



- Invested over \$1.5M CDN on a reporting tool for the sector since 1999
 - NCASI partnership (expertise and funding)
 - Annual updates
 - Pulp and paper sector first, now all sub-sectors
 - Methodology referenced and defensible
 - Drew from experience with TRI
 - Improved comparability between Canada and US data
 - Growing adoption by industry
 - Substantial improvement in data quality

Addressing Data Gaps

Pulp and Paper

- Reporting since 1994
- \$2.5M industry funded study
 - To address data gaps through field measurement
 - Launched in 1999 and completed in 2003
 - Multi-stakeholder steering committee
 - 20 facilities selected based upon process type, age, eco-zone, etc
- Data undergoing rigorous QA/QC for inclusion in next version of reporting handbook (2004-2005)

Addressing Data Gaps

Lumber

- Reporting since 1999
 - Air quality triggers
- Reporting tool prepared in 2001
- Lumber kiln study launched in 2003
 - Joint EC – FPAC project
 - Forintek pilot kiln, NCASI methodology
 - Addressing significant gap in Canadian data
 - VOC emissions for 2 – 3 top Canadian species
 - Data to be rigorously QA/QC for inclusion in future reporting tool (2005?)

Future Opportunities

A Collaborative Approach



- Technical Agreement signed with Environment Canada in 2004
 - Working together on improved reporting approach for sector
 - Improved reporting efficiency, data accuracy, relevancy to communities, overall data quality, and predictability
 - Support sound decision-making by government
 - Understand strengths and weaknesses with NPRI data
 - Progress reporting to stakeholders
 - Official kick off in October, 2004
- Adoption of tools within lumber sector an ongoing challenge

In Summary

- FPAC has worked proactively to support improving NPRI database
- Rapid growth of NPRI program has created significant reporting burden to our sector
- Changes to NPRI often require significant effort
 - Flexibility and prioritization are necessary
- Data quality challenges are not unique to sector, caution when reporting to public
- FPAC continues to be committed to addressing reporting challenges with NPRI
 - Collaborative approach holds promise

FPAC Members

