“A Case for Investing in the Future”

Training at the Worker Level Pays Dividends

Mark Standring – CONAHEC 2004
Greetings from New Brunswick, Canada

- Crown Land-green
- Private Woodlots-purple
- Industrial Freehold-red
- Federal Land-yellow
- 82% of NB is productive forest land
- sw46%, hw27%, mw27%
Greetings From NBCC Miramichi
NBCC-Miramichi Forest Training Center

- On 16 000 acres of sub-lease from UPM-Kymmene
- 6 bay heavy equipment garage
- 5 ton overhead crane
Perspectives
Who is on top anyway?
A Focus on Workers: A Proposed Educational Pyramid for NB Forest Workers
CASE Evidence: What Forestry Brings to the World

• The forest sector accounts for 14% of Canada’s GDP
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• North America and Mexico produce 37% of the world's forest products
CASE Evidence: What Forestry Brings to the World

• The forest sector accounts for 14% of Canada’s GDP
• North America and Mexico produce 37% of the world’s forest products
• North America and Mexico consume 35% of the world’s forest products
CASE Evidence: Performance of the Past (education)

- BSc Forestry started at UNB in 1908.
- Forest Technician Certification started at MFRS in 1946 / Technology 2002.
- Vocational Forestry started at NBCC-Miramichi in 1983.
- Forest Worker Certification started at NBCC in 1997.
NBCC Vocational Forestry

- 40 week conventional forestry program
  - Content covers
  - Forestry legislation
  - Chainsaw, Skidder, Forwarder
  - Planting, Pre Commercial Thinning
  - Forest Fire Fighting Techniques
  - Harvesting Systems and Methods
  - Compass, Maps, Aerial Photos, GPS
  - Scaling, Timber Cruising, Job Layout
NBCC Mechanized Forestry

- 12 week program of 6 key topics:
  - Forest Legislation
  - The Forest Sector
  - General Forestry
  - Machine & Forest Work Environment
  - Machine Repair / Maintenance
  - Forwarder Operation
  - Single Grip Harvester Operation
NBCC Professional Forest Worker Certification

• Thousands of NB Forest Workers have completed specialized training in:
  ❖ Planting
  ❖ Thinning
  ❖ Partial & Final Harvest
  ❖ Equipment Operation
  ❖ Foremanship Skills
CASE Evidence:
Performance of the Past (standards)

• World Commission on Environment Report 1987
• UN Conference on Environment, “Earth Summit” 1992
• ISO 14001, the world “Environmental Management System”, established 1996
• CAN CSA Z808/809, the Canadian “Sustainable Forest Management”, established 1996
• SFI, the United States “Best Management Practices”, established 1999
CASE Evidence: Performance of the Past (impacts)

- **Forest Worker Accidents** >> Training has resulted in a continual reduction of worker accidents
- **Workers Compensation Rates** >> Worker Compensation Rates have decreased as a result of lower accident rates
- **Methods of Work & Productivity** >> Safer work methods have decreased down time and increased productivity
Industrial CASE Evidence:

UPM-Kymmene

1997 - 2003

UPM Miramichi Safety Statistics
Action for Consideration

• I recommend the Higher Education Organizations of Mexico and North America act to provide ‘the masses’, ‘the workers’, ‘the real producers’ with the skills and knowledge training and the recognition they need and deserve.
Action for Consideration
As flight and forestry have advanced, so ought education to expand its mandate.
Benefits by Evidence

– Benefit #1 > Educational Organizations
  • You will complete your educational mandate: professional > technical > worker

– Benefit #2 > Environmental Community
  • You will be performing an educational task set forth by the various “STANDARDS”

– Benefit #3 > Workers and their families
  • You will improve the well being of workers through safer, healthier working conditions
Benefits by Evidence

– Benefit #4 > Employer Organizations
  • You will reduce your ‘Workers Compensation Rates’. It’s good business

– Benefit #5 > Contractors & Employers
  • You will receive higher productivity from workers / field staff

– Benefit #6 > Workers and Employers
  • You will reduce equipment failure and operational down time
In Closing

Actions and the Key Benefits

– #1 provide workers with more and better training. >>> this will result in recognition for workers and bottom line benefits to business and government.

– #2 expand your mandate to include workers. >>> inclusion is better than exclusion. All of society and the environment will benefit.
Thankyou
How many legs does the elephant have anyway?