

Strategic Vision, Framework and Actions for Data Sharing

A Progress Report and Discussion

- **Evert Kenk**
 - Chief Resource Information Office, Integrated Land Management Bureau
- **Mark Todd**
 - Woodlands Information Management Coordinator, Canadian Forest Products Ltd.
- **Amin Kassam**
 - Director, Base Mapping and Geomatic Services, Integrated Land Management Bureau
- **Nelson Lah**
 - Chief Information Officer & Director Information Management Group, MoFR



FIMW 2006 Issues / Themes

- **Six major themes identified:**
 1. Different business drivers between industry and government
 2. Internal government inconsistent business practices
 3. Business requirement and standards not well understood for roads
 4. Process of determining data required for submission
 5. Need to development a strategic vision for data sharing
 6. Access, updating and sharing of base map data

FIMW 2006: Focus on Issues/Themes 5 and 6

- **Theme 5: Need to develop a strategic vision for data sharing**
 - ***Issues:***
 - Definition of data sharing – what does it mean
 - Absence of leadership
 - Unclear roles and responsibilities – government & industry
 - Clarify potential value realized
 - ***Recommendations:***
 - Develop a discussion paper
 - clarify roles and responsibilities – industry, government, other initiatives;
 - include non-forest sectors such as oil and gas
 - clarify value to stakeholders

- **Theme 6: Access, updating and sharing of base map data**

- ***Issues:***

- Data Exchange Agreement process cumbersome
 - Access to updated base data needs streamlining
 - Cost of base data is a barrier
 - Length of update cycle a concern, reduces value

- ***Recommendations:***

- Develop alternative approach
 - Assess process
 - Assess mechanism
 - Business model to address needs of BMGS and industry
 - Update process and cycle time

Response: Actions 2006-07

Eight action areas over the year

- **Vegetation Inventory Program Review**
 - Completed 2006 among agencies and stakeholders, now being implemented
 - Strategy 2006-2010:
 - Formation of *Vegetation Information Advisory Council*
 - Identification of key goals – a number of which directly and indirectly will improve data sharing objectives (governance, coverage, currency, quality)

Response: Actions 2006-07

- **Base Mapping planning**
 - Formation of multi-sectoral Provincial Base Mapping Advisory Committee (PBMAC)
 - Strategic Plan completed 2006 among agencies and stakeholders, now being implemented
 - Strategy 2007-2012:
 - Identification of key goals – a number of which directly and indirectly will improve data sharing objectives (governance, coverage, currency, quality, access)

- **North East BC TRIM and Vegetation Data Update and Maintenance Pilot Project**
 - Addresses currency and updates issues
 - Establishment of an ongoing maintenance methodology that will keep the data current
 - Focus on data sharing, access and exchange amongst the organizations involved in the project (forest industry, oil and gas industry, government)
 - Includes some vegetation inventory aspects
 - **Explicitly designed to learn and extend learnings across the province**

- **LRDW Client Access Tools Survey and Action Plan**
 - Completed, response initiatives being designed and coordinated
 - Aimed at improving government, industry and public access to data and information services by taking advantage of opportunities for consolidation and rationalization identified by the survey

- **Project initiated to improve access to and quality of data required by industry in support of FSPs-FRPA**
 - Completed, successful, investments soon to flow
 - FIA funding secured in the order of \$800,000 for each of potentially 3 years
 - Under auspices of NRSIC

- **Natural Resource Sector Information Council Strategy**
 - In progress, completed in June
 - Strategy and Action Plan for land and resource information to the year 2010
 - Has identified and aims to initiate a number of actions to address data sharing-related issues focusing on Natural Resources Sector vs. individual ministry needs

- **North West Data Sharing Network Pilot**

- In progress, addressing data overlaps between the two information services,
- Looks at leveraging Corporate LRDW Data Access services and identifying opportunities to leverage the collaboration and expertise in the NWDSN to improve the quality of several datasets in LRDW.
- further identify some pilot opportunities in conjunction with NWDSN and Government Ministry staff.

- **Ecosystem Inventory Challenge Dialogue**
 - In progress, completed in June
 - Aims to address concerns with TEM/PEM custodianship and data management that affect efficient access to sharing these data
 - TEM/PEM data sets are one of the targets for the new FIA-FSP funding

- **FIMW 2007 Challenge Dialogue on Themes 5&6**
 - Organizing Team (13) – industry & government
 - *Challenge Paper* (discussion paper) distributed to 140 for review and feedback
 - Challenge, scope, background, assumptions, expected outcomes, framework, key questions
 - 34 responses
 - 11 Industry; 16 Government; 7 Private IM/IT firms
 - All feedback now compiled un-attributed, available for review

- **Issues-Challenges-Barriers 2007**
 - Reinforcement and further fleshing-out of those from 2006:
 - Scope related
 - Cost/Benefit related
 - Data Quality and Standards related
 - Custodianship related
 - Access related
 - Governance and coordination related

- **Strategy approach:**

- Build on existing pilot projects – real world, tangible action, focus on learning and extrapolation to province
- Build on existing local/regional data sharing efforts (e.g., Kootenay)
- Leverage existing strategies and governance structures heavily - no redundancy (VIAC, PBMAC, NRSIC, CIO Forum)
- Develop specific initiatives to address other gaps

- **Continue to improve (strategic thrusts)**
 - **Governance and leadership**
 - Much accomplished already, various “councils” getting increasingly more engaged and acting on data sharing issues
 - **Costs and benefits**
 - Need to get a objective handle on costs and benefits using full cost accounting
 - **Education, training and communications**
 - Key element to all strategies and action plans; opportunity to tailor these to interests of forest sector
 - **Infrastructure – reliable access and service**
 - Common concern across the natural resource sector; has the strong attention of key players in government

FIMW 2007 Challenge Dialogue on Themes 5&6

- **Build on NE BC TRIM and Vegetation Pilot**
 - Ensure the learnings and new protocols stemming from this work over the next 9 months can benefit the forest sector provincially
- **Other Pilots?**
 - Vegetation Inventory data sharing gaps – build on existing pilots or new?
 - Tenure/registry (ILRR) data sharing gaps – build on existing pilots or new?
- **TEM/PEM**
 - TEM/PEM data sets are one of the targets for the new FIA-FSP funding – a critical precursor for improving data sharing in this area



Panel Discussion / Q&A