

**Minutes: Northwest Data Sharing Network
Board Meeting
May 22, 2003, 10:00-12:00
BCAL Boardroom, MSRM Skeena Region, Smithers, BC**

Present: Don Morgan – MSRM Skeena Region, William Elliot – BCCF, Jim McCormack and Barry Watson - Canfor, Glen Buhr – Skeena-Stikine Forest District, Rick Wheeler – Pro-Tech, Dwight Scott-Wolf and Nina Baksh – Tesera, Scott Emmons - UNBC

Purpose:

To explore linkages and synergy between Data Sharing Network and Indicator Reporting.

Agenda:

- Introductions
- Review DSN Project
- Review Results and TFA electronic submission initiative
- Requirements for indicator monitoring reporting
- Timelines
- Next Steps.

DSN Indicator Reporting

- Leveraging the DSN project for IFPA SMF Plan reporting

DSN Tasks

- Data Admin – meta data from each proponent
 - Substantially complete
 - \$31,590 in fiscal 02-03
- Data Modelling
 - Cost 48,960
 - Completion Dec 31, 2003.
- Data security, viewing and exchange
 - Cost 49,260
 - Completion March 31, 2004.

Project Alignment

- DSN will provide common data format for reporting indicator performance from all plan proponents.
- Approximately 100K this year
- PIR contribution approximately 30K, would possibly lower IFPA costs, total cost would increase.
- Use DSN schema
- SOP's for updating dynamic layers and attributes
 - Tesera has done some work.
 - Meta data projects have done some work.

- Creating derived layers.
- Queries for indicators.
 - Canfor has created monitoring protocols.
- Automated Reporting
 - Canfor has created some reports
- Estimated costs ~\$20,000.00. Needs to be further scoped.

Results and FTAS Government Initiatives

- Electronic submission

Action: Jim to distribute government presentation

- Electronic Transactions Act – Bill 13 – electronic submission.
- Submission in GML standard. DSN will follow standard.
- Silviculture will tracked in opening and put in VEG file.

Action: Don to contact Agathe Bernard, MSRM Inventory, for confirmation.

- More electronic submission information available on <http://extranet.for.gov.bc.ca/esf/>
- Expectation that licensees will submit to a standard for electronic submission. Exploration of FIA dollars to fund licensees. Currently, mechanisms are not clear.
- DSN will translate to electronic submission standards as part of its data modelling and exchange.
- Submission through BCeID
 - DSN participants have submitted for BCeID accounts.

Indicator Monitoring Protocol

- 56 IFPA Indicators
 - some are meetings held and research dollars spent
 - approximately 30 are spatial
- Jim provided an indicator report example generated through crystal reporting.
- Explored WTP indicator – tracked as wildlife large and wildlife small.
 - SFM indicator detail sheet
 - SFM indicator report.
 - MoF openings are digitized on the forest cover. However, the silviculture information is captured in ISIS and is not mapped, but tracked aspatially by opening. It is possible to connect the ISIS data through opening number to the spatial file. This would be a large project.
- As part of CSA, PAG sets targets and reviews monitoring of indicators. This package of interaction is submitted to the CSA auditor.

Indicator Monitoring Procedures Tesera

- Example of Percent of Area less than VEG(visual equivalent green-up) by VQO by licensee
 - Report out at time 0, and at temporal snap shots, 5 year periods for first 100 and 10 year intervals for remainder to 250.
 - Targets and reporting is by licensee.
 - Inventories needed to monitor and analyze indicator.

- Activities to implement and monitor.
- Tracking dynamic inventories and their dependent coverages. Changes in the dynamic trigger updates to dependents. Requires data and process model to track. Examples include forest cover, roads. An example dependent is THLB.

Action: Jim to distribute “Forest-Cover-Update” IFPA document.

- The “Forest-Cover-Update” document outlines steps to consolidate data, in conjunction with meta data documentation should provide a template for data modelling and translation to common standard.

Action: Dwight to distribute Indicator Monitoring Procedures, that are complete.

- Indicator monitoring and forecasting needs to have consistent methodologies.
- The data consolidation will be to the GML, electronic submission, standard.
- Challenge to use indicator monitoring procedures with standardized consolidated data. Procedures would need to be revised.
- SOP for deriving THLB. Would follow published standards, or identify standards that are being developed and adopted once available.

Timelines

- Alignment of DSN and Monitoring Project Deliverables and Timelines.
- Phase 2 of the DSN does data modelling. Data modelling is to existing standards, or to agreed upon interim standards.
- Internal monitoring procedures in place by end of calendar year.
- Mapping to a non-operational standard may not carry sufficient level of information to meet SFM needs. Example, TRIM roads don’t carry the attributes required for SFM.
- Integrate data from proponents into an IFPA/SFM data standard then abstract to government approved standard, if it exists.

Work Flow Diagram

Source Data -> translate -> Interim or RESULTS ->
 (licensee) (GML) (if standard is complete)

-> Government/RESULTS -> LRDW

- Monitoring process would use Interim data in combination with static data sets required for indicator monitoring procedure.
- All dynamic layers would be managed by DSN, translated and consolidated.
- DSN would supply consolidated data to the monitoring process.
- IFPA derived data is available on the Tesera IMS IFPA map service.
- Source custodial coverages available on the DSN.
- Use resultant when data for indicator is current.
- If layers have changed then overlay layers required for specific indicator as needed and generate report.

- Source layers will change based on proponent data update or custodial data updates. For example, block updates by a licensee and a new forest cover produced or BEC is updated.

Action: Recommendation that DSN will be used to put source dynamic layers together for monitoring.

Action: Rick will contact Refractions given the go ahead for project, what are the updated time lines.

Action: Jim will contact Dwight regarding time lines for DSN and for monitoring project.

Action: Dwight will supply Jim with layers required for indicator monitoring. Jim will ensure that it is captured in the scope of the DSN.

Action: Scott will investigate the GML standard. What is it for, etc.