

ADAPTING TO CLIMATE CHANGE



Adjusting Plans and Practices

- *It is all about the prudent management of risk*
- *Do we have the knowledge, tools and appropriate policy and legislative framework to adjust our plans and practices?*





Knowledge



Climate Change Models

- *Constant refinement of existing models is anticipated.*
 - *Models can have different outputs so don't put all your eggs in one basket.*



Ecological and Silvical Characteristics

- *Sound information is readily accessible online, but there are knowledge gaps.*
 - *Gaps are largely tied to the fact that climate change actions are really just starting to be implemented.*
 - *For example, how does 20 year old western larch perform in the SBS mc2????*



Adaptive Management

- *As survival and performance data becomes available incorporate it into the process.*
 - *What are the success and failures of assisted migration initiatives?*
 - *Is stock planted outside of its typical range performing as expected?*
 - *Are there unintended consequences?*



Monitoring.

- *We will have to re-focus efforts on monitoring and data sharing.*
 - *Regular updating of the government's Adaptation Knowledge and Tools for Forest Stewardship website is critical.*



Gap Analysis and Action Plans

- *Wetzin'kwa has partnered with the College of New Caledonia and the Northwest Community College in a planting trail of Lw and Fd in the SBSdk and SBSmc2*
 - *Share results with others*
 - *Learn from others*





Tools



Online Resources

- *A well developed set of tools is currently available on the MFLNRO website*
 - *Incorporate new information into tool set when findings and data becomes available.*





Policy and Legislation



Imperative for Change

- *If the required response to climate change is small, current silviculture policy should be adequate.*
- *The more pronounced the climate change, the greater the disconnect between growing conditions at establishment and rotation.*
 - *A challenge for silviculture and the policy frame work.*



Policy and Risk

- *Will the current framework, where licensee obligations end at free-to-grow, be sufficient to manage for long term productivity?*
 - *Can area based tenures bridge the gap better?*



Sharing Risk

- *If the current policy framework does not adequately address the required pace greater risk sharing will be required*
 - *how will risk sharing be promoted?*

