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SMarTForest: Spruce Marker Technologies for Sustainable Forestry

Integrated GE³LS Project	Economic Considerations in the Use of Forest Genomics Tools
Genome Centre	Genome Quebec & Genome British Columbia
Project Leaders	John MacKay and Jorg Bohlmann
GE³LS Project Leaders	Nancy G�elinas, Universit�e Laval

Project Description

The goals of the GE³LS project are to identify the economic conditions that justify the use of forest genomics tools and assess the potential for implementation in forestry decision-making processes.

The GE³LS team will develop models of the economic impact of genomic-based selection technologies and analyze anticipated gains related to growth, wood quality and insect resistance. They also aim to develop a better understanding of the challenges facing potential end-users of genetic marker systems and improved varieties, as well as the legal and policy instruments that could impact the use of MAS in provincial jurisdictions.