



CIRRELT



Séminaire conjoint

FORAC et Réseau stratégique VCO (Value Chain Optimization)

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Forest Fuel Logistics in a Swedish Perspective

Abstract

The use of forest biomass in Swedish heating and power plants has increased during the last 15 years. 30 % of total energy supply derives from biomass and is assumed to increase from 130 TWh today to 155 TWh in 2030. The forest biomass contributes to 14 % of the total biomass supply and the potential in increasing is calculated to more than double. However, the procurement of forest biomass is expensive compared to the actual value of the product, hence the logistics play an important role for the profitability. This seminar reports on the importance of forest biomass for energy production in Sweden, methods for chipping and transportation, procurement challenges and some results from recent research within the area of forest biomass logistics.

Note :

Mikael Frisk has a degree in forestry from the Swedish university of agricultural sciences in 2003. Mikael has many years of experience at Skogforsk (The Forestry Research Institute of Sweden) in implementing OR-based decision support systems in the Swedish forestry sector. Today he works as a consultant in forestry R & D with focus in advanced decision support systems with optimization. He is also working as CEO of the consulting company Creative Optimization.

Le vendredi 23 mai, 9h

**Au local 3370
Pavillon Adrien-Pouliot
Université Laval**

Ouvert à tous

**Organisateur
Pr. Mikael Rönnqvist
Département de génie mécanique**

