

CHEM

Tom Browne, Program Manager at Biorefinery and Bioenergy

Tom Browne holds a bachelor's degree in mechanical engineering and a doctorate in chemical engineering, both obtained from McGill University. He joined Paprican (now FPInnovations) in 1994 to work on energy use in pulp and paper processes. He was promoted to the position of Program Manager in 2001.

As Research Manager for Biorefinery and Bioenergy from 2006 to his retirement in 2016, he managed a research team developing and commercializing novel biorefinery processes for the pulp and paper industry. Among other successful commercialization exercises, his team developed, patented and licensed the LignoForce™ system, and is currently supporting the construction and startup of the first such system at a Canadian kraft pulp mill. He has published a number of papers on the techno-economic conditions necessary for the success of the forest biorefinery, including key contributions to the Future Bio-Pathways Study conducted by FPInnovations in association with the Forest Products Association of Canada and the Canadian Forest Service (a branch of Natural Resources Canada).