



PRESS RELEASE
For Immediate Release

Ecotel and Nokia Partner to Deliver Leading-Edge Digital Transformation to Haute-Mauricie

Trois-Rivières, June 2nd, 2022 - As part of the Haute-Mauricie broadband project the local operator Ecotel is collaborating with Nokia, to serve the Haute-Mauricie region of Quebec, Canada. Thanks to the state-of-the-art DWDM Nokia solutions utilized throughout the network, residents and institutions of Haute-Mauricie can connect to high-speed internet which is scalable and adaptable to long-term needs. More than 1600 homes will be covered by the project and more than 20 public institutions such as municipal offices, fire stations, schools, and hospitals.

High-performance equipment that meets the demand

Ecotel is utilizing the Nokia 1830 Photonic Service Switch (PSS) optical transport platform based on Dense Wavelength Division Multiplexing (DWDM). DWDM increases optical fiber network bandwidth by combing, or multiplexing, multiple signals over a fiber by using different wavelengths of light. With a pair of fibers and this type of equipment, it is possible to add bandwidth by "turning on" additional wavelengths and adding signal on the photonic layer rather than using additional optical fibers.

A sustainable technology for large-scale deployment

The advanced technology used in this design allows the signal to be transported between the Haute-Mauricie areas over very long distances (approximately 200 km) without having to regenerate the signal. The optical transport network thus acts as the network's highway. It allows the transport of all the signals between the different sites and has been chosen to be fully scalable over time. Thus, it will be possible to meet the growing demand for bandwidth to serve current and future customers for several decades.

Vikas Trehan, North America Partner Sales Leader at Nokia said, *“Nokia has deployed mission-critical networks to more than 2,200 leading enterprise customers in the transport, energy, manufacturing, and public sector segments around the globe. We are honored and thrilled to collaborate with Ecotel, delivering our leading-edge network solutions to help bridge the digital divide for citizens and organizations across the region of Haute-Mauricie in Quebec.”*

Eric L’Heureux, CEO of Ecotel said, *“ECOTEL is glad to use Nokia carrier grade DWDM transport equipment to connect remote Canadian communities and reach distances that other equipment cannot achieve.”*

About Ecotel

Ecotel is a Canadian cellular operator registered with the ITU and the CRTC, deploying robust infrastructures to cover remote areas and automate the processes of several industrial customers.

About Nokia

At Nokia, we create technology that helps the world act together.

As a trusted partner for critical networks, we are committed to innovation and technology leadership across mobile, fixed and cloud networks. We create value with intellectual property and long-term research, led by the award-winning Nokia Bell Labs.

Adhering to the highest standards of integrity and security, we help build the capabilities needed for a more productive, sustainable and inclusive world.

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