

**Title:** Technological Innovation: Paving the Way for the Future  
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**Organization / Institution:** Hydro-Québec  
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**Abstract Summary:**

**Technological Innovation: Paving the Way for the Future**

Technical innovation is of paramount importance at Hydro-Québec. With an annual budget of \$100 million, the company's research institute, IREQ, naturally focuses on system intelligence, reliability and long-term operability, but it is also involved in the development of battery materials for electric vehicles and mass energy storage applications. Well aware of the crucial role that rechargeable batteries will play in the future. Thierry Vandal will explain the context in which Hydro-Québec operates and how the work carried out at IREQ ties in with the company's activities.