

Customer: **Hydro-Québec (TransÉnergie)**

Project: **Mapping of environmental elements sensitive to the implementation of power infrastructures (ÉESIÉ)**

Duration: 1992 – 2001

Scope: Scanning and digital map production

Value: \$1M

- Highlights:*
- Capture of environmental elements
 - Data structuring to develop the database
 - Production of Landsat 7 orthoimages for each map sheet
 - Classification of orthoimages to produce vegetation layer
 - Update of sensitive elements based on orthoimages
 - DB data structuring and editing
 - Map image production and printing on high-resolution plotter
 - Conversion of database into MapInfoformat

Description: Map desktop publishing was used for the annual production of ± nine (9) 1:125 000 scale maps of environmental elements sensitive to the implementation of power infrastructures .

This project involved scanning, structuring, generalizing and editing the environmental elements to produce the raster image of a sector using digital vector data, based on HQ's specific production standards . The data, generated in the MicroStation environment, were converted using representation tables created by Intergraph MapPublisher.

Images were then converted into the specific format required by the customer: Geotiff for display and PDF for tracing paper maps.

