QUÉBEC ROAD NETWORK
MANAGEMENT
TRAINING CENTER

International Seminar on Rural Road
Transport Development

Siem Reap (Cambodia)

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PRESENTATION

- CONTEXT
- CENTER’S MISSION
- CLIENTELES
- ORGANIZATION OF COURSES
- COURSES
- TRAINING BENEFITS
1993 - the Québec Ministry of Transport transfers the responsibility of the local road network (over 27 000 km) to municipalities and maintains its management over national roads (29 000 km).

Municipalities in the Abitibi-Témiscamingue region express a need for training in order to meet their new responsibilities.

1998 - In response to their request, the Centre de formation en transport de Macamic was opened:
- the center came about through a partnership between the Québec Ministry of Transport and the Lac-Abitibi School Board.
CENTER’S MISSION

• At the outset, the center’s mission was to provide technical support in the area of road network management to municipalities in the Abitibi-Témiscamingue region:
  
  - the Québec Ministry of Transport provides technical support;
  
  - the school board provides the educational framework.

• Today, the training center has considerably broadened its clientele throughout Québec.
Le monde
CLIENTELES

- Elected officials
- Executive managers
- Secretary-treasurers
- Supervisors
- Municipal inspectors
- Heavy machinery operators
- and others...
ORGANIZATION OF COURSES

• Teachers are skilled professionnals who have concrete experience with the local road network.

• Teaching is interactive and practical: case studies, open dialogue, workshops.

• Exchange between participants is encouraged and enables municipalities to share their expertise with one another.

• Courses are - short duration - 1 or 2 days, - devoted to specific themes.

• Reference manual and a certificate of completion.

• Training adapted to the needs of the clientele.
COURSES

• COURSES CURRENTLY TAUGHT
  - Drainage of the road network
  - Road network maintenance operations: the grader
  - Regular roadway maintenance
  - Requirements for surface treatment
  - Preparing specifications for construction

• COURSES UNDER DEVELOPMENT
  - Road corridor management
  - Basic surveying
  - Improving road network structure and pavement
  - Inspection and maintenance of municipal bridges
  - Preparing specifications for call for tenders
  - Regular roadway maintenance
  - Requirements for surface treatment application and maintenance
TRAINING BENEFITS

• Enables municipal employees to *improve their knowledge* in the areas of management, maintenance, operation, improvement of the road network.

• Maintains their *transport-related skills*.

• Improves their *expertise*.

• Provides for better *supervision of contracts* awarded to the private sector.

• **Reduces the cost** of road work.

• Enhances the *planning* of future work.

• Leads to *savings in time and money*.