

# **ALCAN PRIMARY METAL IN QUEBEC**

**History and Impact on Region**

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**May 14, 2001**



# **Alcan in Quebec - 100 YEARS**

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- **Alcan celebrates its centennial anniversary in 2001**
- **Aluminum first produced in Canada in 1901**
- **Location: Shawinigan, Quebec**



# Alcan in Quebec - 100 YEARS

1925-26

- Saguenay river water rights obtained
- CIM Power opened (400 MW)

1920

1930

1940

1950

1960

1970

1980

1990

1926

- Arvida started 4 lines (27Kmt)
- R&S acquired
- Port purchased
- Town of Arvida built

1928

- Alcan split off from Alcoa



# Alcan in Quebec - 100 YEARS

1931

•CCC Power came on-stream slowly (196 MW)

1920

1930

1940

1950

1960

1970

1980

1990

1936

•Vaudreuil alumina plant #1 started up

1938

•Arvida started 2 HS lines (20 Kmt)



# Alcan in Quebec - 100 YEARS

1942-43

- Shipshaw Power came on-stream (896 MW)



1920

1930

1940

1950

1944-45

1960

1970

1980

1990

1940-43

- Arvida added 19 potlines (265 Kmt)
- Shawinigan plant # 2 4 potlines (54 Kmt)
- LaTuque 2 potlines (30Kmt)
- 2 Potlines @ Beauharnois (30 Kmt)
- Isle Maligne 1 potline (18 Kmt)

- All but 5 lines at Arvida and 1 line at Isle Maligne idled
- Alumina plant #2 added at Vaudreuil

1946-1948

- All potlines restarted except for Shawinigan plant #1 and LaTuque which were both closed permanently

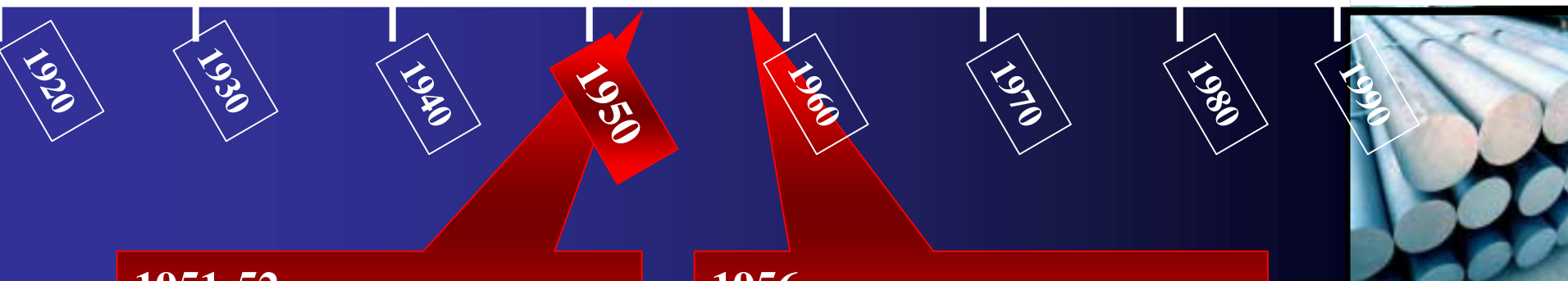
# Alcan in Quebec - 100 YEARS

## 1950-1953

- Peribonka lease signed
- CCD Power started up (205 MW)
- CCS Power came on stream (200 MW)

## 1959-60

- CCP Power came on stream (750 MW)



## 1951-52

- Lines # 2 and #3 added at Isle Maligne (65Kmt)

## 1956

- 4th line built at Isle Maligne (20 Kmt)



# Alcan in Quebec - 100 YEARS



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# Alcan in Quebec - 100 YEARS

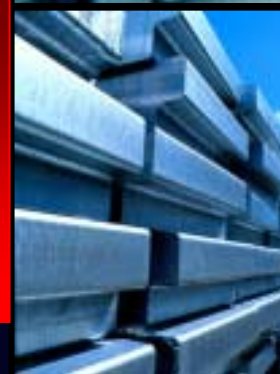
1998

- Negotiated 350 MW of purchased power



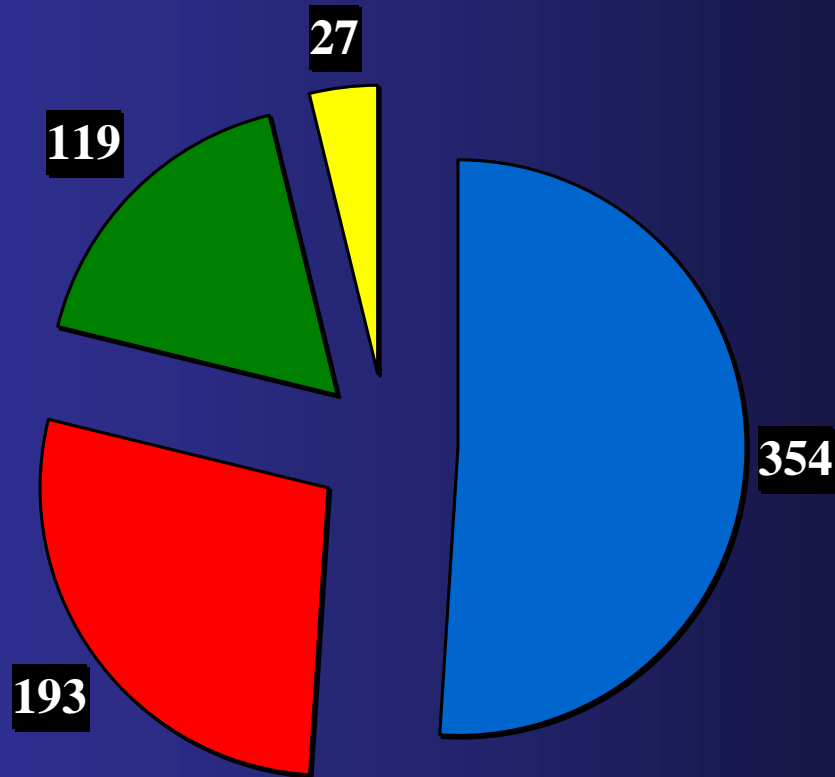
1990-1991

- Laterriere started up (200 Kmt)
- 10 HS lines at Arvida closed (200 Kmt)



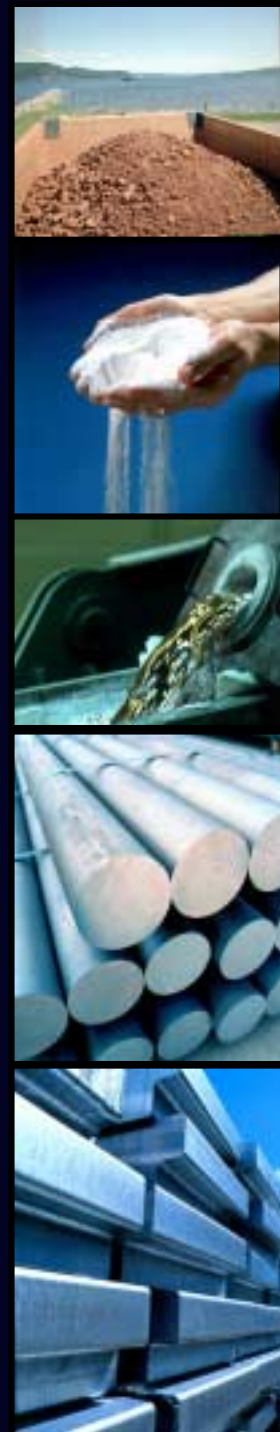
# Alcan's Economic Impact in the Saguenay-Lac-St-Jean Region

(US\$ million)

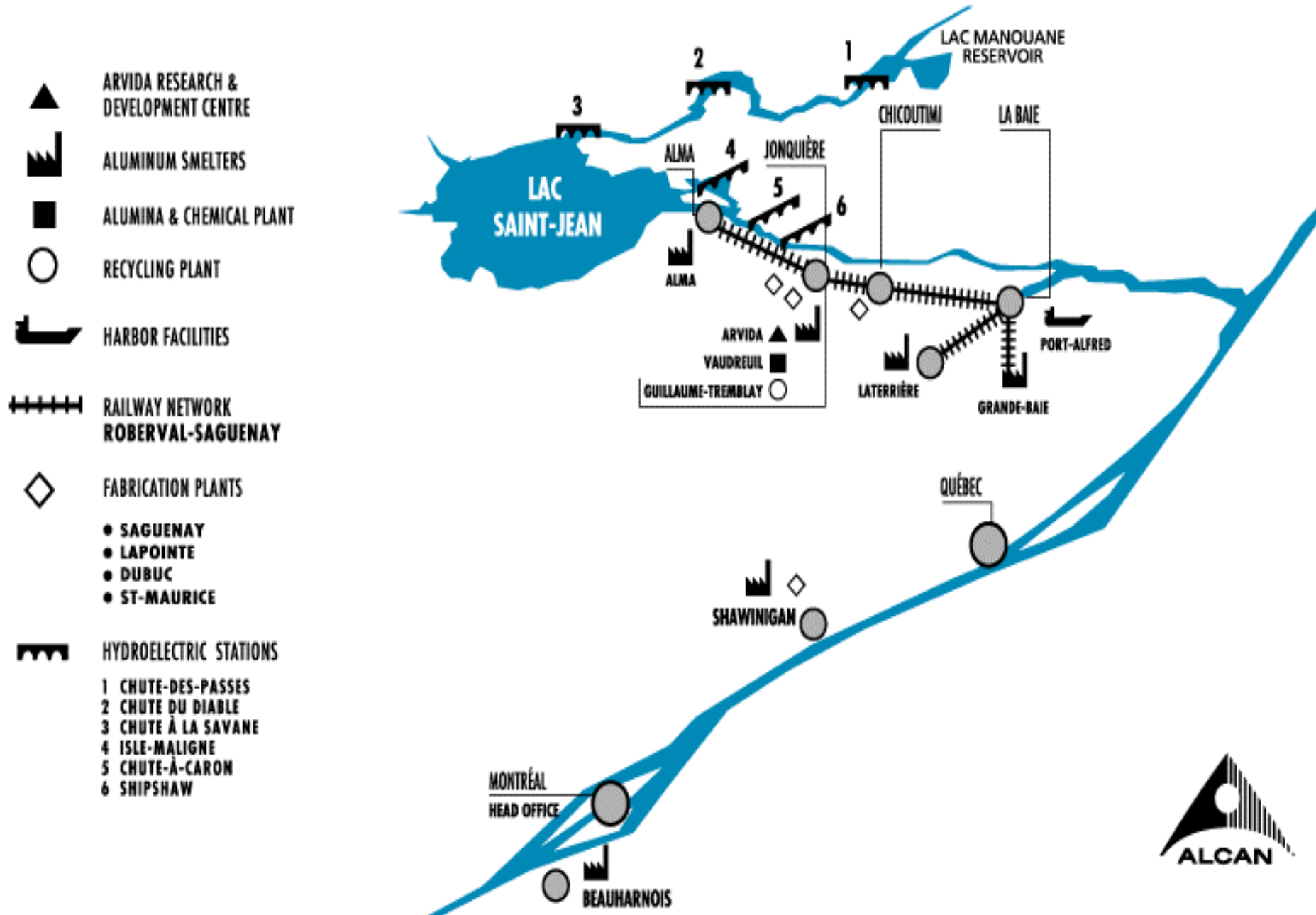













■ Salaries & Fringes ■ Goods & Services  
■ Investments ■ Property Taxes

Excludes Alma



# ALCAN IN QUÉBEC



-  ARVIDA RESEARCH & DEVELOPMENT CENTRE
-  ALUMINIUM SMELTERS
-  ALUMINA & CHEMICAL PLANT
-  RECYCLING PLANT
-  HARBOR FACILITIES
-  RAILWAY NETWORK ROBERVAL-SAGUENAY
-  FABRICATION PLANTS
-  ● SAGUENAY
-  ● LAPOINTE
-  ● DUBUC
-  ● ST-MAURICE
-  HYDROELECTRIC STATIONS

- 1 CHUTE-DES-PASSES
- 2 CHUTE DU DIABLE
- 3 CHUTE À LA SAVANE
- 4 ISLE-MALIGNE
- 5 CHUTE-À-CARON
- 6 SHIPSHAW





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