

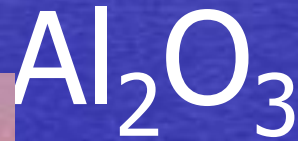
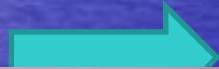
Aluminium

- most abundant metal on the planet (in silicate) BUT bound to oxygen

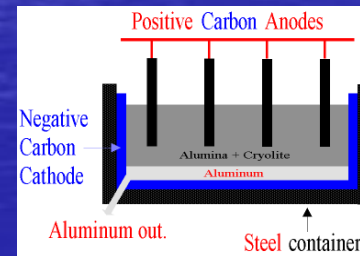


Bauxite: rock composed of hydrated aluminum oxides

Aluminium production



Alumina

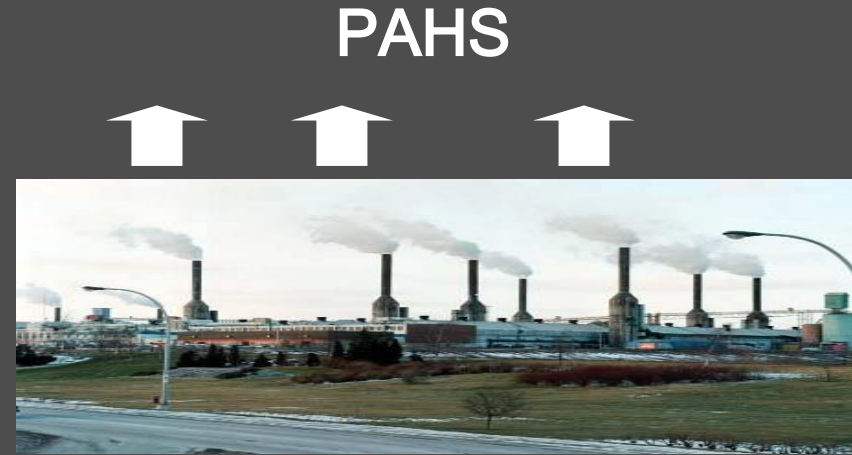
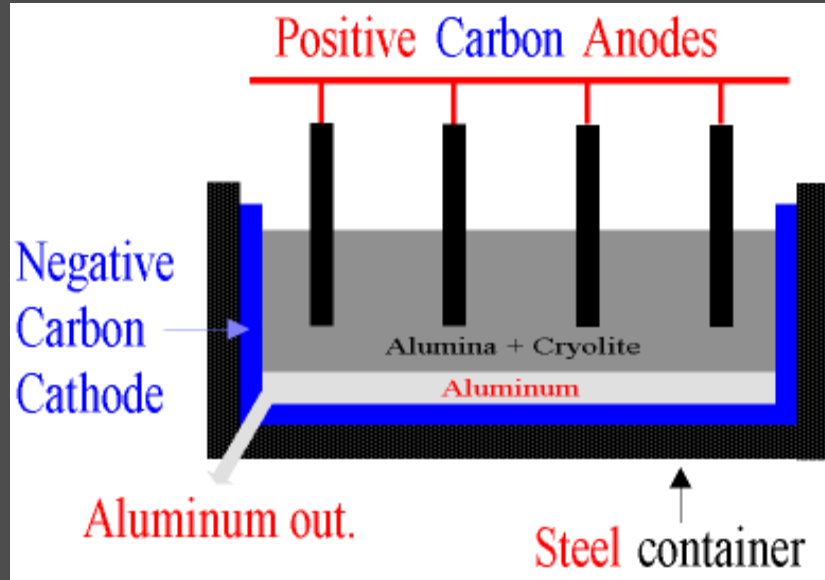


Aluminium

Production of aluminum
= electrolysis of alumina

Söderberg process:

Anodes = mixture of tar



PAHS

Alcan. Alma

Alcan: Arvida





Lac Saint-Jean



Rivière Grande Décharge



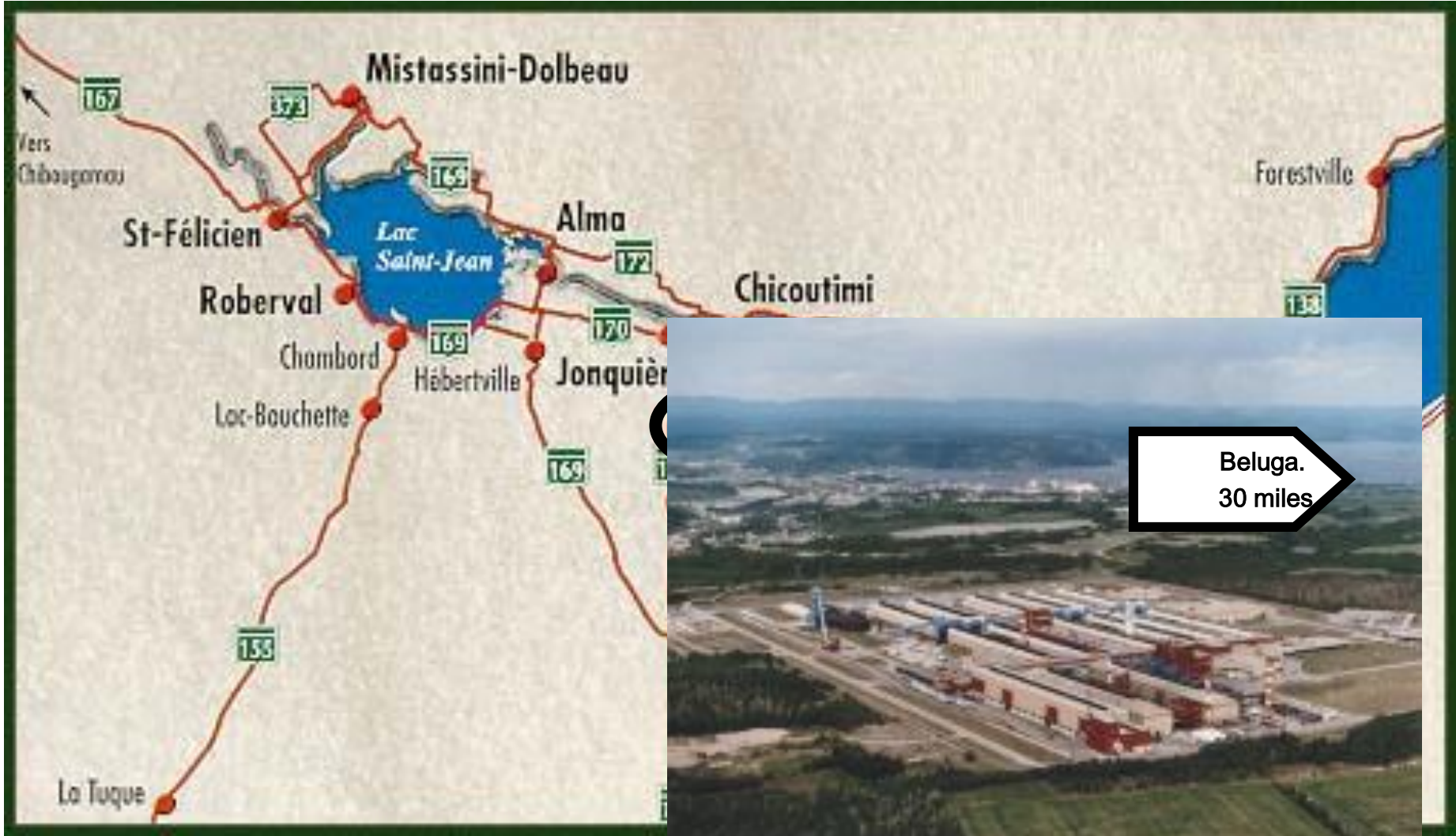
Beluga.
60 miles

Alma, Quebec: Alcan Aluminum smelter

n: Jonquieres







Beluga.
30 miles

Aluminum production, PAHs and Saguenay-Lac Saint-Jean area

