START

Follow the journey

How is your limited edition low-carbon Corona Canada can made?

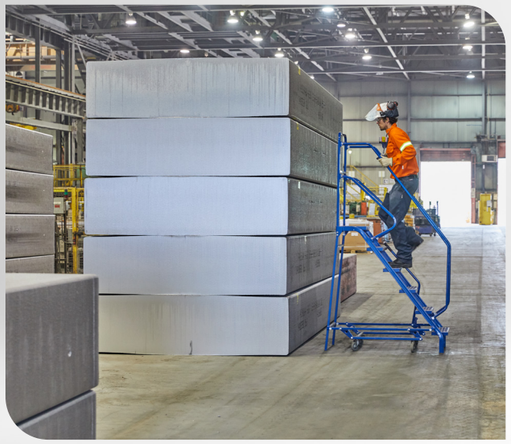
1. Making aluminium

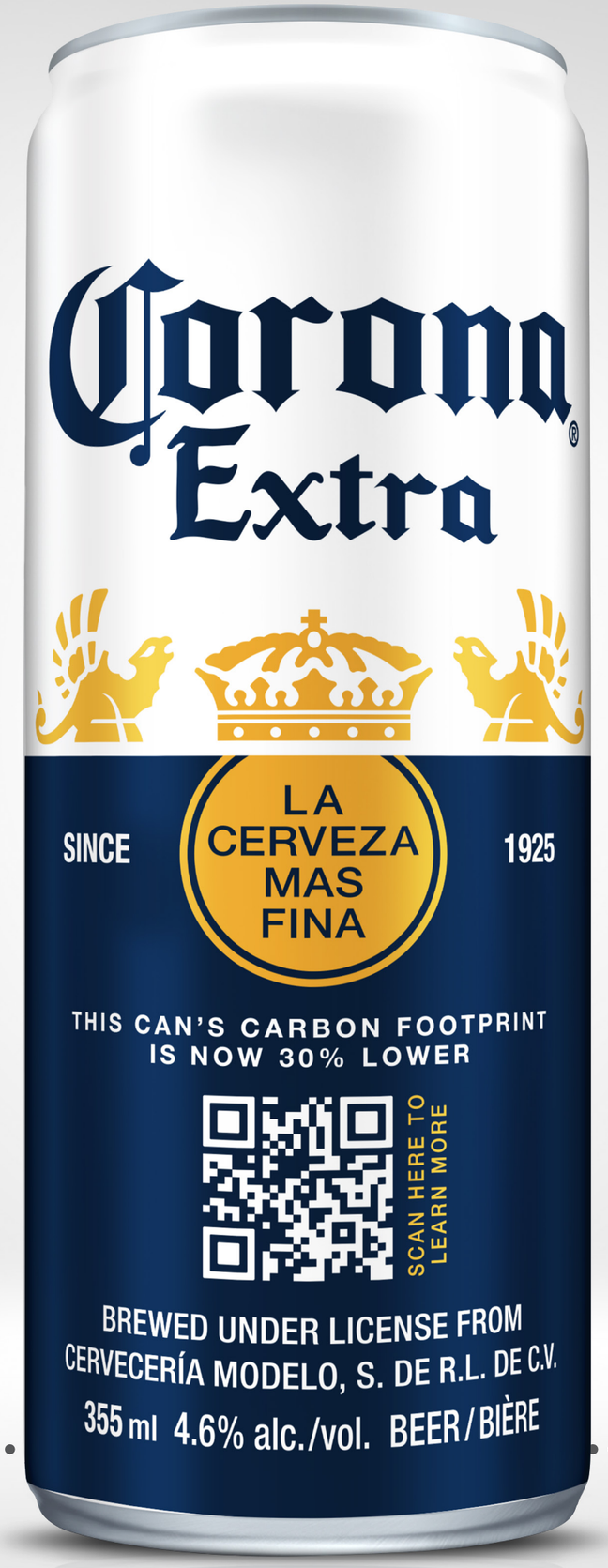
Rio Tinto creates the most sustainable, low carbon aluminium using ELYSIS, hydro-powered low-carbon metal and recycled content including used beverage cans.

Location: Rio Tinto, Quebec, Canada

Process emissions: 1.20 - 3.96tCO_2/tAl
(lower than the North American average of 8.50tCO_2/tAl)[5]

Transport emissions: 0.21tCO_2/tAl[2]





2. Aluminium Rolling

The aluminium sheet is turned into an aluminium coil.

Location: Novelis, Kentucky, USA

Process emissions: 0.55tCO_2/tAl[1]

Transport emissions: 0.083tCO_2/tAl[2]

3. Can

The aluminium coil is then turned into individual cans.

Location: Ball Corp., Pennsylvania, USA

Process emissions: 1.80tCO_2/tAl[1]

Transport emissions: 0.045tCO_2/tAl[2]

4. Beverage

The aluminium cans are filled with the desired beverage.

Location: ABInBev (Labatt Breweries of Canada) Quebec, Canada London, UK

Process emissions: 0.75 - 0.88tCO_2/tAl[4]

Refrigeration and transport emissions: 0.09 - 0.44tCO_2/tAl[3]
(varies by supermarkets to in home refrigerators)

5. Consumer

The cans are then sent to stores for us to buy, consume and enjoy.

[1] www.aluminum.org/sites/default/files/2021-10/2021%20Aluminum%20Can%20LCA%20Report%20Full%20Version.pdf
[2] www.carboncare.org/en/index.html
[3] www.aluminum.org/sites/default/files/2021-10/AluminumCanUseReportCleanFinal07222016.pdf
[4] www.ball.com/getattachment/85d9e3af-e3aa-4b93-a687-5b34888b2bfc/Ball-Comparative-2020-LCA-full-report-FINAL.pdf
[5] Data from the Aluminium Association

RioTinto