

RECYCLABLE



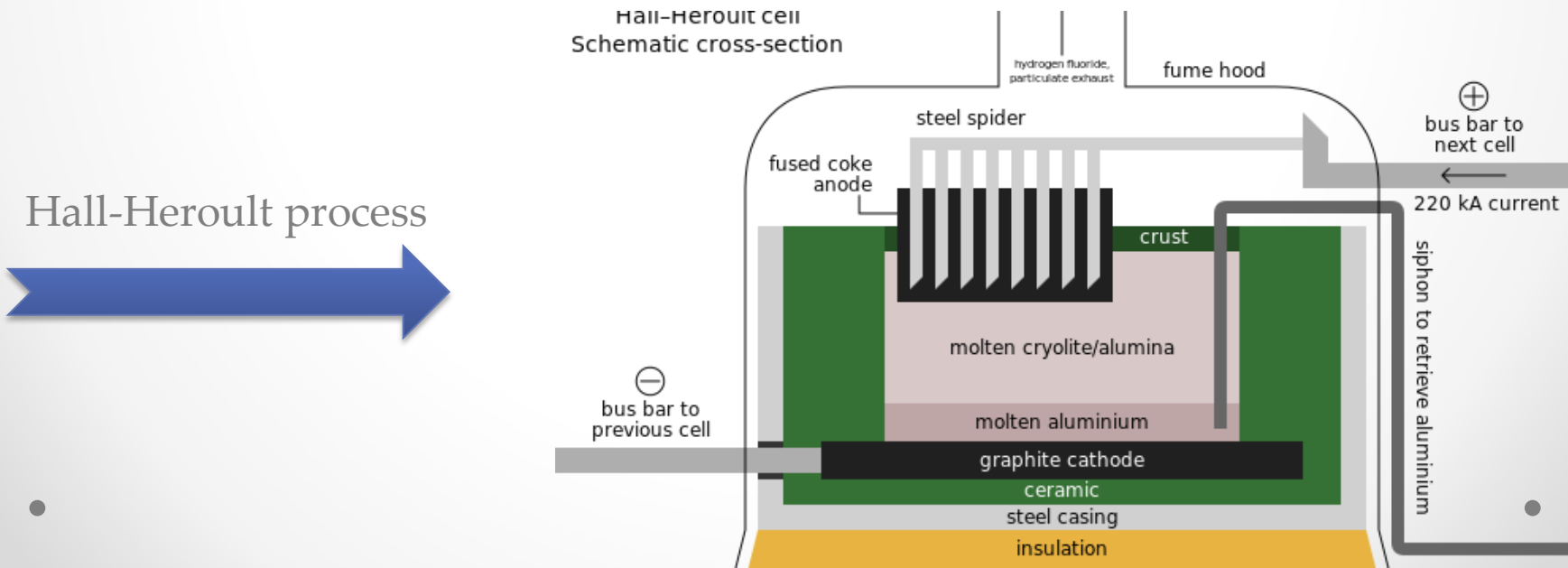
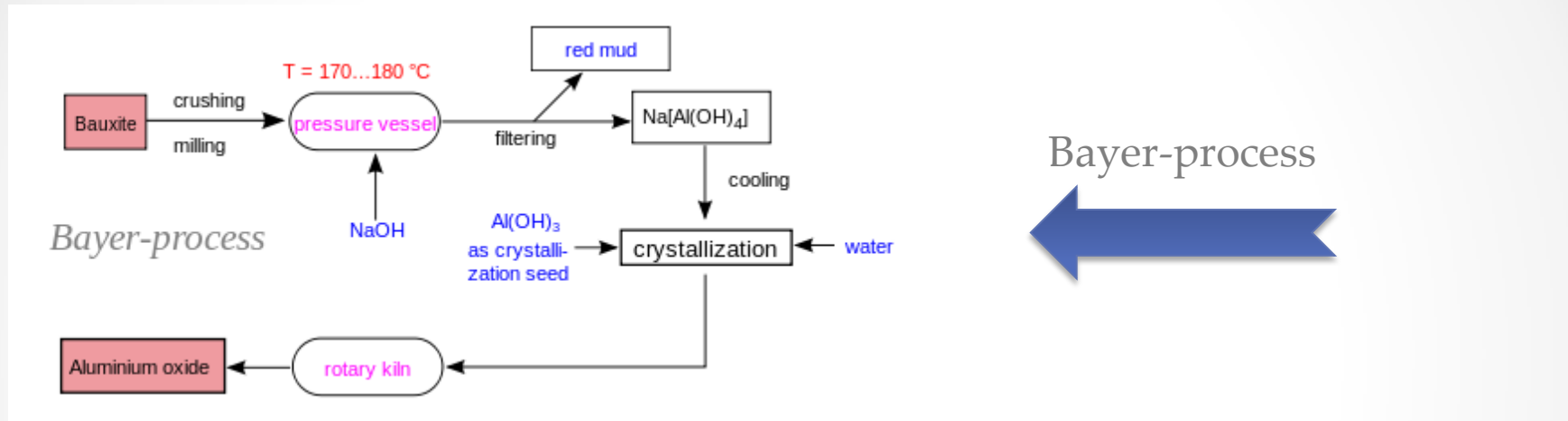
**ALUMINUM
CANS ONLY**

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Aluminum Production



Waste and Energy

- Two tons of “red dirt” produced for each ton of aluminum
- 17.5 tons of CO₂ produced for each ton of aluminum
- 280 lbs of PFCs produced per ton of aluminum
- 67.5 GigaJoules of energy used per ton of aluminum

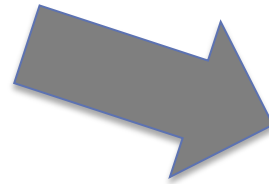


“gathering aluminum scrap”



Recycling

“melt aluminum scrap”



- ~100% recovery
- Low melting point requires less energy
- No caustic agents
- No direct byproducts

Energy Equivalents

Primary	Recycled
Polluted soil	No Hazard Waste
Lots of CO ₂ and PFCs	Low CO ₂ and PFCs
High Energy Consumption	Low Energy Consumption

Trashing one can wastes enough energy to:

- Power a large flatscreen TV or computer for 3 hours
- Light a lightbulb for 20 hours
- Fully recharge a phone 50 times
- Make 15 slices of toast
- You can run for 2.5 miles



Energy Equivalents

- Trashing 1,000,000 cans is wasting as much energy as:
 - 40 Barrels of oil
 - Driving a car 50,000 miles
 - 130 Tons of TNT



Thank you

