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# Expansion Project Overview

Date: 06/06/2007

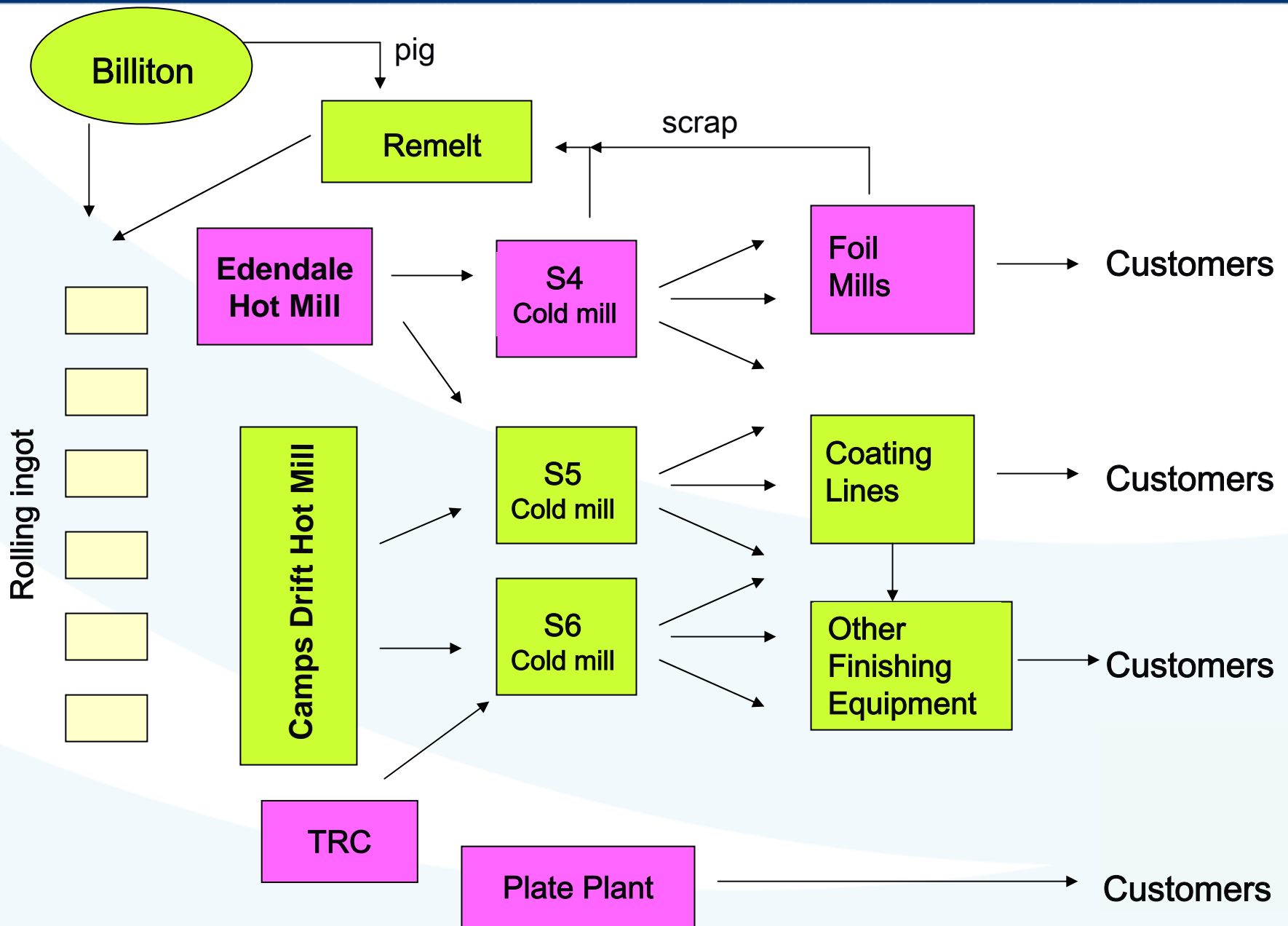
# Project Objective

To do an incremental investment to:

- Enhance the most profitable mix by growing the output of products earning margins, which are 50% to 80% above the current average margin
- Increase plant capacity from 210 000 tons p.a. to 250000 tons p.a. by:
  - Expanding the foil rolling and finishing facility to increase foil production capacity by 24 000 tons
  - Installing two twin roll casting machines and upgrading the S4 Cold rolling mill to increase overall production by 22 000 tons
  - Expanding the current plate plant facility and upgrading the current Edendale hot mill to increase capacity of plate products by 6 000 tons



# Rolled Products Structure



# Project Scope

## Foil Expansion (R402m)

- Two modernised foil mills
- New foil finishing plant
- Existing foil plant reconfigured

## Twin Roll Casters (R234m)

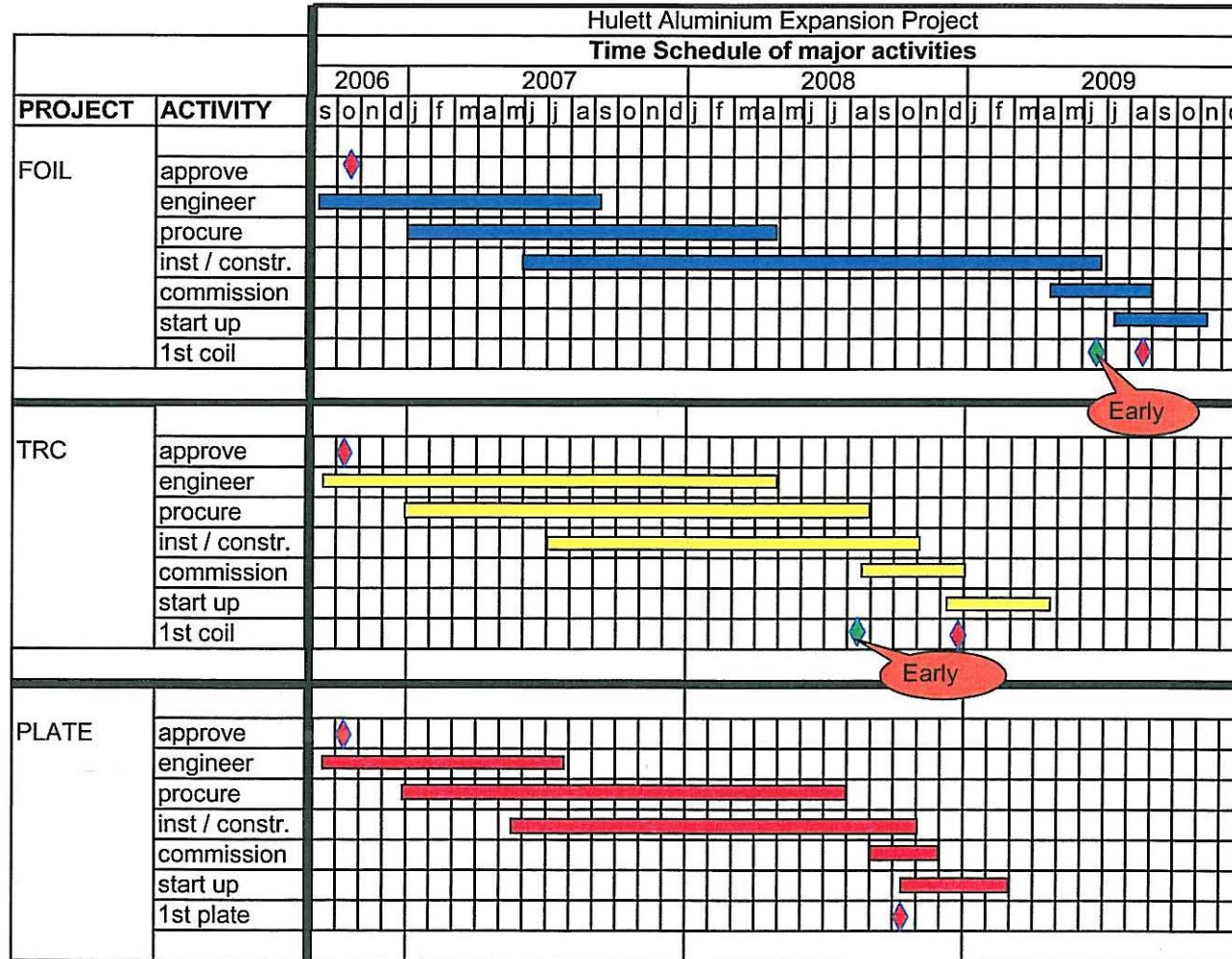
- Two twin roll casters with furnaces
- Metal treatment facilities

## Other (R314m)

- Upgrades to Edendale Hot Mill and S4
- Other items



# Project schedule



# Project Milestones

|                                |           |
|--------------------------------|-----------|
| First commercial coil FM8/9    | 12 Aug 09 |
| First TRC reroll coil produced | 18 Dec 08 |
| First Plate                    | 10 Oct 08 |
| S4 First Coil                  | 10 Dec 08 |
| First hot mill plate           | 07 Oct 08 |



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# Refurbished Foil Mills



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# Twin Roll Caster Technology



- Well established technology (> 400 in operation)
- Well established suppliers
- Tested equipment design



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