SWANBANK GREEN STEEL MILL
project snapshot

350k
tonnes of green rebar produced annually

385k
tonnes of currently exported scrap steel redirected back into South-East Queensland's circular economy

70%
reduction in CO_2 emissions plus the latest odourless processing methods

23%
of total Australian rebar market supplied by Future Forgeworks

$100M
economic stimulius into the South-East Queensland region, supporting local community and economy

500+
jobs across the supply chain

400+
local jobs for mill construction

200+
long-term on-site mill jobs, up-skilling Australian workers in global cutting-edge steel manufacturing technologies

FORGING A GREENER FUTURE

Future Forgeworks is a Queensland based company planning to deliver a Queensland-first green steel mill. Our rebar products, produced from locally-sourced scrap metal, will align with government sustainability targets and the ecological demands from construction and building companies across East-Coast Australia.

Based on global market-leading technology, our landmark project is currently progressing through project feasibility and statutory approvals.

First steel production is expected in 2027, fast tracking Australia's green steel industry and sustainable development.

FUTURE FORGEWORKS

SWANBANK STEEL MILL
project timelines

2025

- **Q1** — Concept engineering activities for the steel mill begins
- **Q2** — Project approvals, community and stakeholder consultation commences
- **Q4** — Site levelling and build infrastructure preparation commences

2026

- **Q1** — Mill infrastructure build commences
- **Q1** — Plant equipment manufacturing begins
- **Q1** — Operational readiness activities begin, including leadership recruitment, systems and processes development
- **Q3** — Equipment delivery and installation commences
- **Q3** — Plant workforce recruitment and training begins

2027

- **Q2** — Plant commissioning
- **Q2** — First rebar production
- **Q4** — Plant at 100% production capacity

SWANBANK STEEL MILL
project technology

LOWEST EMISSIONS

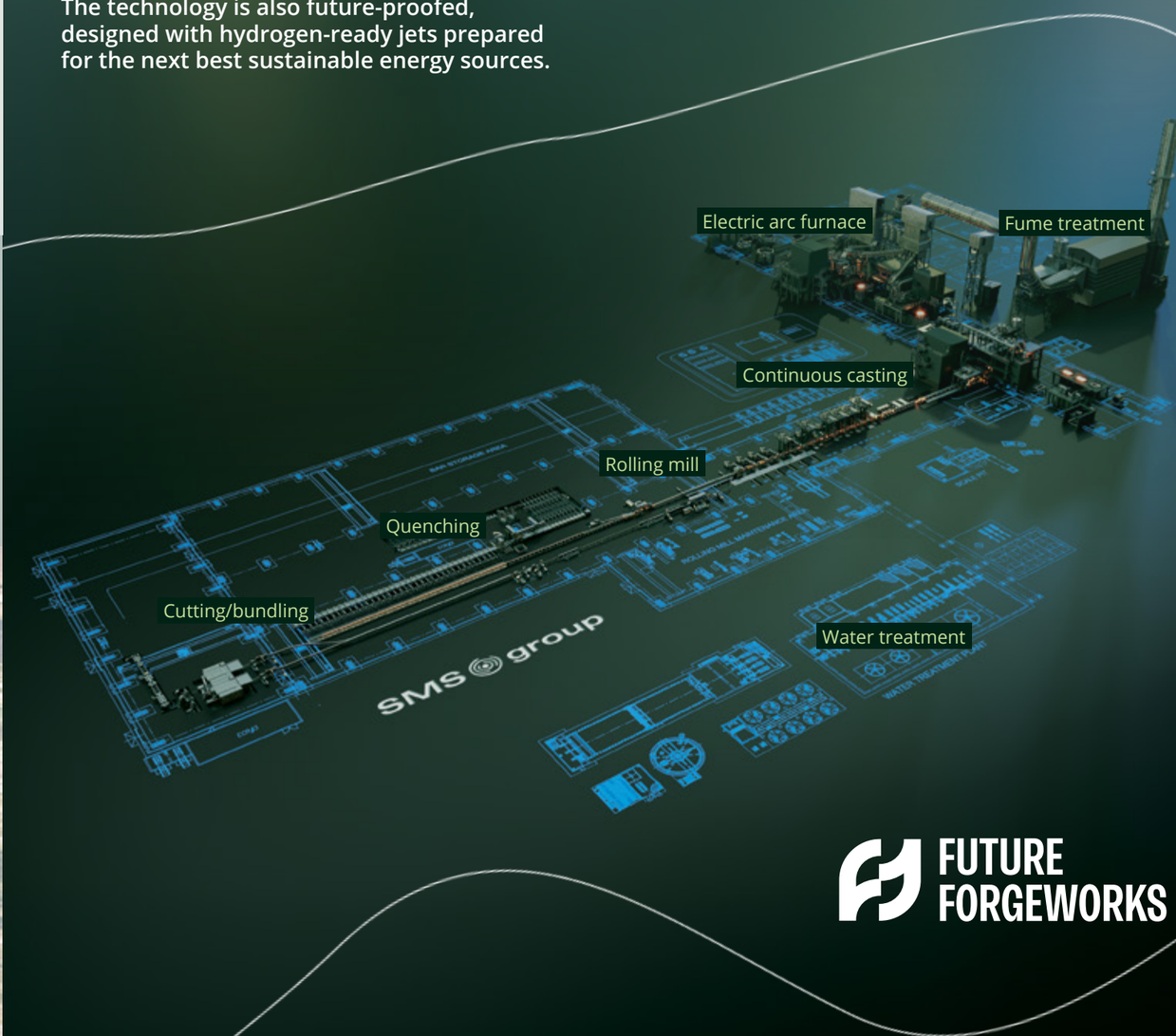
Future Forgeworks is adopting continuous mill technology (CMT) developed by global leader in steel equipment manufacturing, SMS group. With CMT, the billet reheating process is omitted to reduce energy consumption, transformation time, carbon emissions and improved material yield.

Paired with a renewable energy-powered electric arc furnace (EAF), this process technology delivers the greenest, safest and most efficient production option for high-quality rebar product.

The technology is also future-proofed, designed with hydrogen-ready jets prepared for the next best sustainable energy sources.

ECO PLANT DESIGN

The Swanbank Steel Mill has been designed with a number of environmental controls, including a fume treatment plant to capture emissions, closed-loop water recycling, and responsible waste management. These controls aim to optimise energy and water consumption while minimising waste, prioritising safety, regulatory compliance, and operational efficiency – all of which contribute to our sustainability goals.



FUTURE FORGEWORKS

SWANBANK STEEL MILL
project benefits

CIRCULAR ECONOMY
Economic benefits remain within the local community

INDUSTRY SKILLS
Ipswich region as a centre of excellence; career prospects

JOB CREATION
200+ full time workers and their families prospering in Ipswich

SUSTAINABILITY
Products will exceed Australian Sustainable Finance Taxonomy

LOWEST IMPACT
Industry that doesn't cost us the earth; or our way of life

Future Forgeworks' commitment to sustainability extends beyond the environment, creating commercial growth and employment opportunities for the people of Ipswich and surrounding communities.

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FUTURE FORGEWORKS