

SSAB Veturi - Sustainable World through Steels

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SSAB

Mission

Sustainable World through Steels creates next generation fossil-free steels that enable better products and a dramatic reduction in global emissions

SSAB vision: A stronger, lighter and more sustainable world

Actions

Convert Finland's and Europe's steel production model into a modern, efficient, and sustainable manufacturing system

Together with steel users, Innovate high-strength steel grades and applications

Ecosystem and wider benefits

Brand new and improved industrial applications driving new business and exports

Increased security of supply and resilience in the EU and Finland

Core competitive edge

High-strength steels demonstrated to **make products stronger, lighter, and to reduce fuel consumption.**

SSAB and its existing ecosystem is the **world leader in high-strength fossil-free production**

SSAB is **already leading a transformation in Sweden for different steel products**

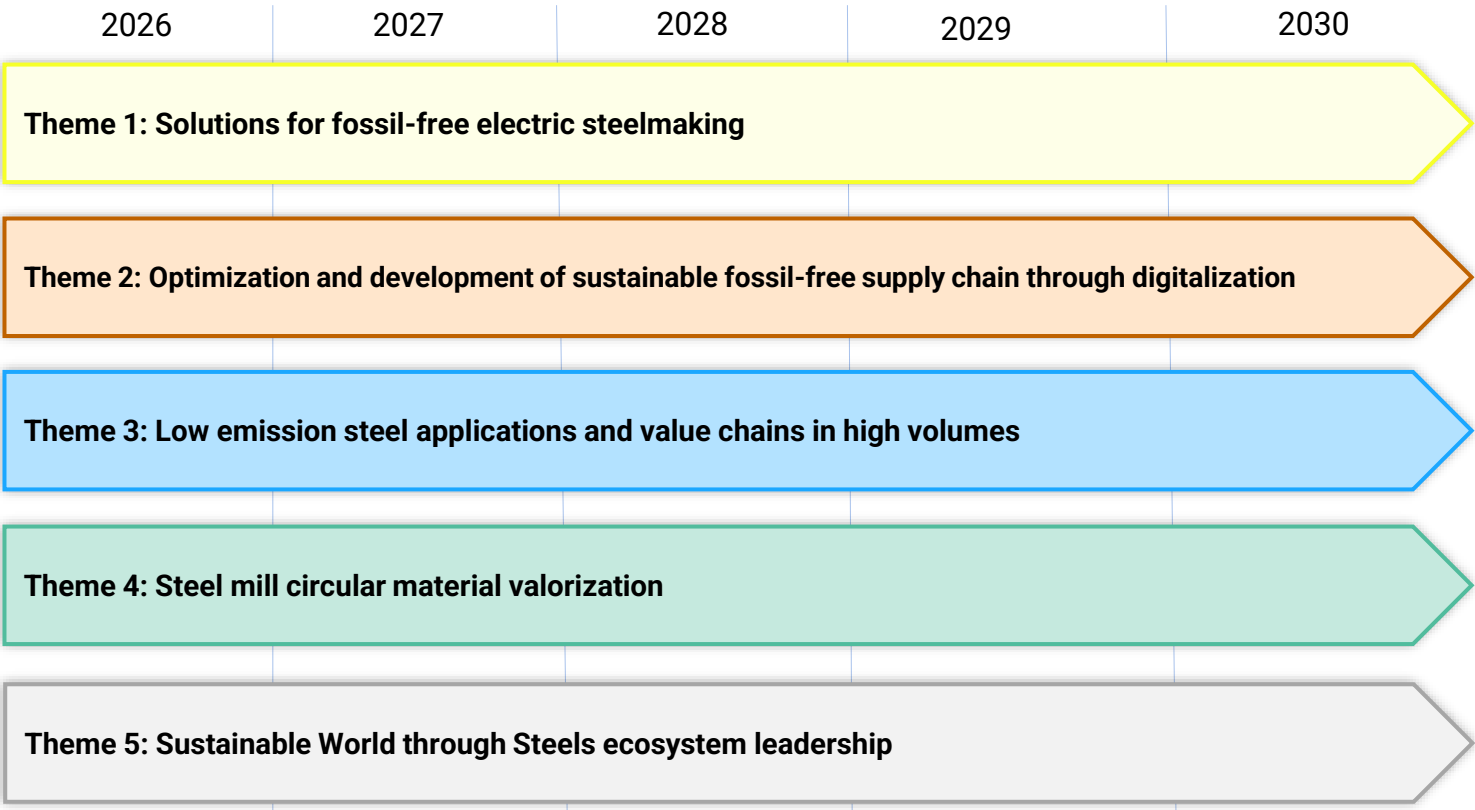
Competition

Very few competitors have plans to use hydrogen-reduced DRI in steel production – none for high-strength steels

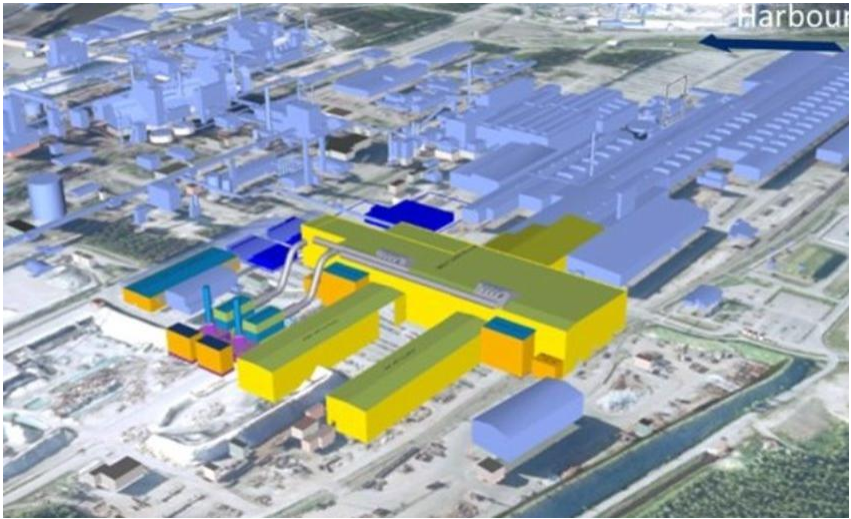
Other green steel solutions used by competitors mostly reduce steel CO2 emissions by 10-40%³

Roadmap

Sustainable World through Steel will solve the entire steel value chain's pain points



New SSAB Raahe mill, production start latest 2035



Lessons learned during Veturi preparation phase

- Engagement of Business Finland, top management & specialists in early phase, work started already during autumn 2024 for 2025 competition
- Think big: the scale of planned activities exceed the previous BF innovation activities fourfold, need to broaden the scope of R&D work into entire organization
- Utilize internal & external competence for preparing the application & project plan
- Early planning of ecosystem network to avoid idle run of the program after funding approval



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