

Case SSAB

SSAB

Products & Services | Sijottajat ja media | Career | Sustainability | Valitse kieli

DISCOVER THE BEAUTY OF STRENX™ PERFORMANCE STEEL

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All about the new brand

SSAB palvelee aina

Processing & Components
SSAB Shape offers tailored solutions and ready-made parts in high strength steels.

Wear parts & Services
Hardox Wearparts is a certified international network for producing wear parts made of Hardox wear plates.

Technical support
We offer technical support and product development as well as technical training, handbooks and tools.

Stock & logistics
SSAB offers more than 75 local stocks all over the world and advanced logistic solutions.

SSAB RUUKKI
Ruukki is now part of SSAB.
Find out more

Uusimmat uutiset

KONSERNIUUTISET
Johnson Controls palkkoi SSAB:n
8.10.2016

TUOTEUUTISET
DNB-toimistorakennus voitti Euroopan teräsrakentamisen palkinnon – Ruukki Construction vandasi teräsrungosta
1.10.2016

TUOTEUUTISET
SSAB tuo markkinoille Hardox- ja Toolox-pyöräkangas
6.8.2016

TALOUDELLISET RAPORTIT
Osavuositiedot 1-6/2015
22.7.2016

Tuotteemme

STRENX™ | HARDOX™
DOCOL™ | GREENCOAT™
ARMOX™ | TOOLOX™

Domex
Ruukin tuotteet
Standardi- teräkset

Kaikkia tuotteitamme on yhä tarjolla, mutta niiden nimi on saattanut vaihtua. Löydät uuden nimen muutoslistalta.

Mikä teräs kannattaa valita?

Hae ominaisuuksia
Hae käyttökohteita

Ota yhteyttä
Ladattavat tiedostot
Tapahtumia
Parhaat teräkset ikäkkäin tilanteisiin
Hitsaus
Muovaus

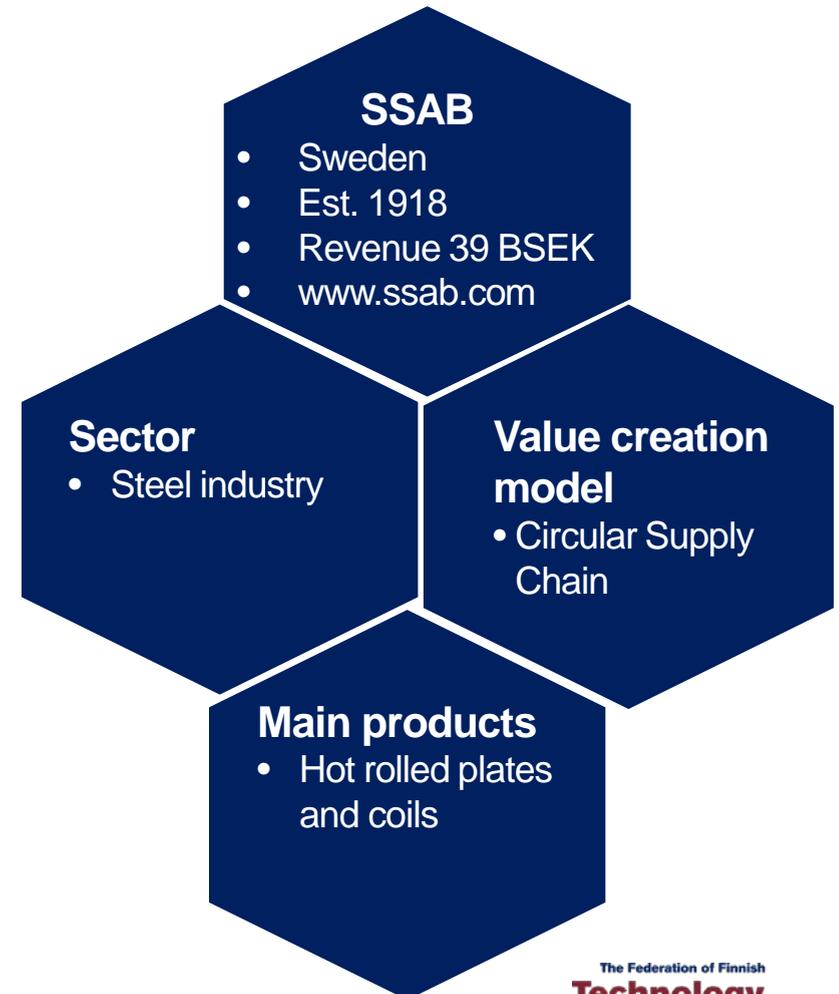
<http://www.ssab.fi/>

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The Company: Circular Economy made of steel

SSAB

- **SSAB** is a *leading producer* on the global market for Advanced High Strength Steels (AHSS) and Quenched & Tempered Steels (Q&T), strip, plate and tubular products, as well as construction solutions.
- **SSAB's steels** help to *make end products lighter* and increase their *strength and lifespan*. The production plants are in Sweden, Finland and the US, with an annual capacity of 8.8 million tonnes.
- The steel industry has always been living in a circular economy – even though it was called by other names. The very slogan of SSAB is in the core of the Circular Economy thinking: “**Stronger, lighter and more sustainable world**”.
- From the Circular Economy perspective, the steel industry in Finland has one special challenge: Practically all raw material is imported, and all finished products are exported. But this is something that SSAB and its predecessors have learned to live with. One just needs to look at things through a wider lens.



The Challenge / Opportunity: Industrial symbiosis

SSAB

- The concept of circular supply-chain is built into the process of steel production, as 20 – 100 % of the material used in production is **recycled steel**.
- **Industrial symbiosis** is also a natural way of thinking in the steel industry. SSAB has evaluated, together with other members of the steel producing ecosystem, what kind of by-products are generated in each others' production, and if somebody else's waste could be used as raw material in some other place.
- However, in order for industrial symbiosis to be also economically viable, the by-product should be pretty much ready for use as such, and also the need for transportation should be reasonably limited.
- Using **secondary material** requires strict quality controls and inspections. It is essential to know what you are buying when dealing with recycled materials. For instance, one has to pay special attention to radiation as there have been cases in the industry when radioactive material has entered the production process and caused major problems and production stoppages.

