



# BUILDING A SUSTAINABLE FUTURE, TOGETHER

**BEAVER**   
**BRIDGES**  
INTERNATIONAL



## GREEN STEEL BRIDGES

Creating environmentally sustainable bridges through the use of **pioneering green steel**. This approach significantly reduces the carbon footprint and promotes sustainable infrastructure development.



## FULLY FINANCED

**De-risking the project:** We work in partnership with you to finance projects, requiring no advanced payments from clients. This innovative approach effectively de-risks the project for our customers, providing financial security.



## SCALE & SCOPE

**Scale and Scope to deliver large, complex, unusual and difficult bridges:** We possess the scale and scope to deliver exceptionally large, complex, unusual, and difficult bridges, ensuring successful completion of the most challenging projects.



## BRIDGES FLOATED TO SITE

Our in-house team are able to transport bridges anywhere in the world, including floating bridges to their site and lifting them into position directly from the water.



## STEEL BRIDGES

Designing, manufacturing, and applying protective coatings to steel bridges before delivering them to the construction site. This involves a highly skilled and coordinated process.



## YOUR PROJECT IS OUR PROJECT

We have a **dedicated Global Business Development Director** in place to work closely with clients, providing expert guidance and ensuring seamless project execution from initial concept through to completion.

# THE BRIDGES WE DELIVER



Beaver Bridges International is a leading company specialising in the design, fabrication, shipping, and installation of steel structures, with a particular focus on bridges and complex steel projects.

- > **FABRICATED STEEL GIRDERS**
- > **STEEL PEDESTRIAN BRIDGES**
- > **AFA RAIL BRIDGES**
- > **RAIL STEEL UNDERBRIDGES**
- > **STEEL VEHICLE BRIDGES**
- > **RAIL STEEL OVERBRIDGES**
- > **GANTRIES**
- > **COMPLEX ARCHITECTURAL**

## CONCEPT TO COMPLETION PROCESS



STEP #01  
**DESIGN**



STEP #02  
**FINANCING**



STEP #03  
**FABRICATION**



STEP #04  
**TRANSPORTATION**



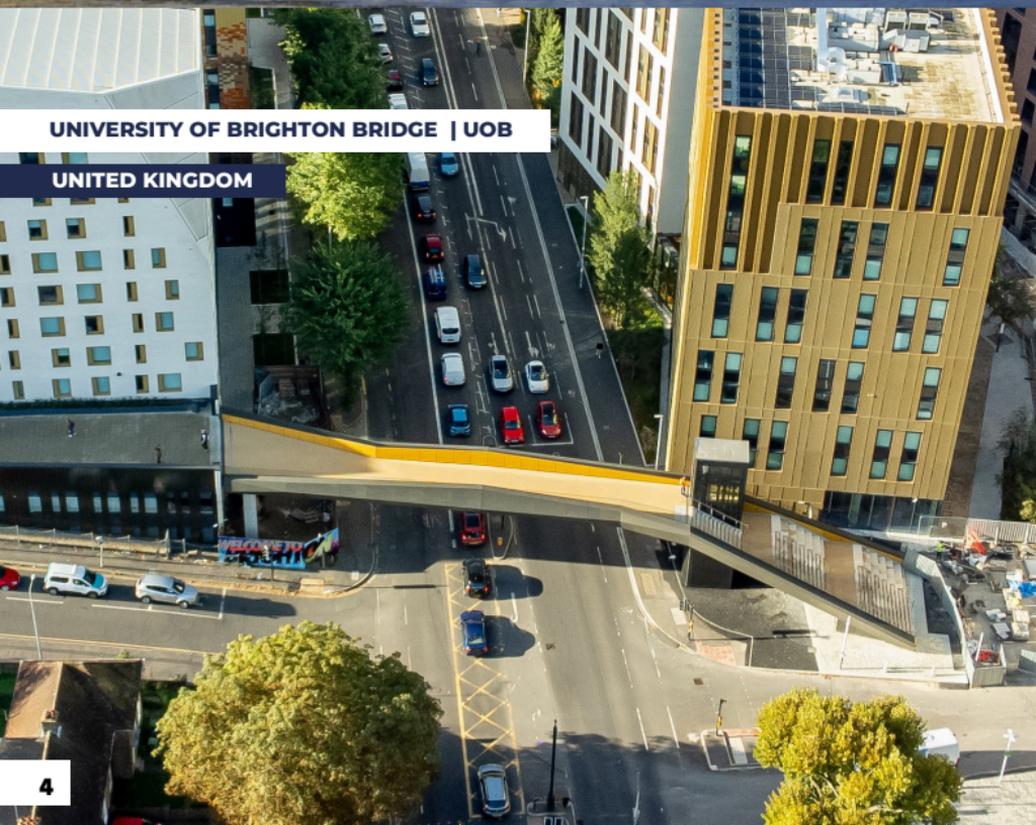
STEP #05  
**INSTALLATION**

## CASE STUDIES



**NISUTLIN BAY BRIDGE | SASKARC INC**

**CANADA**



**UNIVERSITY OF BRIGHTON BRIDGE | UOB**

**UNITED KINGDOM**

# DE-RISK YOUR PROJECT

Our unique financing options can de-risk your project.

- > **No advanced payments required**
- > **No Funds exchanged until the bridge arrives on site**
- > **No Vesting of Materials**
- > **No Material Bonds**

Through our financing options we take on the risk, so you don't have to.

**WE ARE CURRENT DELIVERING PROJECTS ACROSS  
NEW ZEALAND, AUSTRALIA, CANADA, USA & THE UK.**



# WHY IS GREEN THE FUTURE?

Steel production is the planet's **largest-emitting manufacturing sector**, responsible for **7%** of all man-made greenhouse gas emissions. This is because it relies on high-carbon coal in its production process.

**Green Steel** refers to steel produced with significantly reduced or near-zero carbon emissions, using methods like renewable energy sources, recycled materials and innovative technologies.

## THE KEY FACTORS IN OUR DECISION TO GO GREEN:

01.

### FORGING SUSTAINABILITY GLOBALLY

We are proud to be innovating within our industry to ensure we play our part in the GLOBAL move towards sustainable steel manufacturing, contributing towards joint environmental goals and delivering green options for our consumers.

02.

### STEEL WITHOUT THE SMOKE

Green Steel significantly reduces the carbon footprint associated with steel production, by replacing fossil fuels with renewable energy sources like wind and solar power.

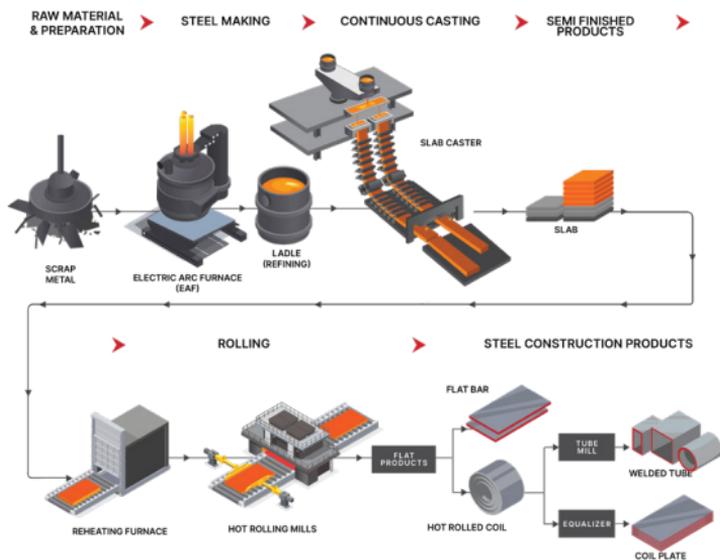
03.

### RECYCLED STEEL, REDUCED IMPACT

The process of creating Green Steel, incorporates recycled and scrap steel, reducing the requirement for virgin raw material.

# PIONEERS IN SUSTAINABILITY

Working with industry leading partners to produce sustainable green steel from raw materials using Electric Arc Furnaces (EAF). This streamlined process, all performed on one site, ensures quality for every project.



## WHY USE ELECTRIC ARC FURNACES (EAFS)?

- 01. Lower Carbon Emissions:** EAFs have a lower carbon footprint compared to traditional blast furnaces.
- 02. Flexibility in Feedstock:** They can melt a wide range of materials, including a high percentage of recycled scrap steel plus allowing for higher quality alloys.
- 03. Faster Production Time:** The melting process in an EAF is significantly quicker than in a blast furnace.

# QUALIFIED & COMPETENT

## WE ARE CERTIFIED TO THE FOLLOWING STANDARDS:

- > National Highways Sector Scheme 20 Approval
- > BSI (British Standards Institution)
- > IIW (International Institute of Welding)
- > BV (Bureau Veritas)
- > LR (Lloyd's Register)
- > KAN (Komite Akreditasi Nasional)
- > JIS Marking, SIRIM (Standard and Industrial Research Institute of Malaysia) & SNI (Standard Nasional Indonesia)
- > AISC (American Institute of Steel Construction)
- > ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 ABS (American Bureau of Shipping), ACSR (Australasian Certification Reinforcing and Structural Steel)



# UNLIMITED DELIVERY POTENTIAL

At Beaver Bridges International, we pride ourselves on consistently delivering exceptional service to our clients.

From single-span bridges to major road and rail infrastructure projects, we provide efficient manufacturing using our Green Steel and deliver installation solutions, all while maintaining a strong focus on safety, value engineering, and project excellence both in the UK and overseas.

We are committed to continual improvement and to providing a safe working environment. As full and active members of the British Constructional Steelwork Association (BCSA), all our internal processes are accredited to ISO 9001:2015. Additionally, we hold RQSC and RISQS qualifications, enabling us to undertake projects for National Highways and Network Rail.

# YOUR BRIDGE. SAFE IN OUR HANDS.

## VISION

**Our VISION is to establish Beaver Bridges International as one of the global leaders for supplying entirely sustainable and eco-friendly steel bridging solutions.**

## MISSION

**Our MISSION is to provide clients with the most innovative steel bridging solutions GLOBALLY.**



## **BEAVER BRIDGES LTD CROWNED BRIDGE CONTRACTOR OF THE YEAR**

Considered the pinnacle achievement in the industry, we were proud to win Bridge Contractor of the Year, celebrating not only the projects we have delivered but also our highly skilled team.

# WORK WITH US TODAY



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