## ABOUT STEEL CONSTRUCTION NEW ZEALAND

Industry organisation Steel Construction New Zealand (SCNZ) is the 'voice' of New Zealand's diverse structural steel sector and works to promote the benefits of steel solutions in building and infrastructure projects. Members include manufacturers of structural steel and steel products, distributors, fabricators, designers, detailers, galvanisers, and paint and building supply companies. SCNZ provides its members with technical advice on the latest in steel design trends and standards, networking opportunities and a representative voice with key industry and government decision-makers.

# SUSTAINABLE STRUCTURAL STEEL

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Steel Construction New Zealand (SCNZ) has partnered with the Sustainable Steel Council to ensure that the structural steel sector is part of the national conversation about embodied carbon and the broader outcomes. We are committed to building skills, capacity and processes to maximise steel's contribution to a sustainable, low-emissions, climate-resilient and economically strong society.

## SIX REASONS WHY...

When it comes to sustainability and the broader outcomes, there are six reasons to choose steel. Steel is proven to be:

- 1. Extremely resilient
- 2. Surprisingly low-carbon over its lives
- 3. Adaptable, enabling a wide range of sustainable choices
- 4. Cost competitive
- 5. A low-risk building solution
- 6. Enduringly beautiful







## **EMISSIONS**

has decreased by 47% since 1990. A zero-carbon-steel programme also exists in NZ based on credible and certified carbon offsetting.

Steel is fabricated in the workshop with speed

Efficient transportation and maximising load capacity help to reduce

structural steel building are

## 분급

### BUILDING DESIGN

Building design and structural steel fabrication are closelv integrated using Building Information Modelling and collaborative design processes. The result is more efficient use of materials. fewer variations and less impact on the environment.