

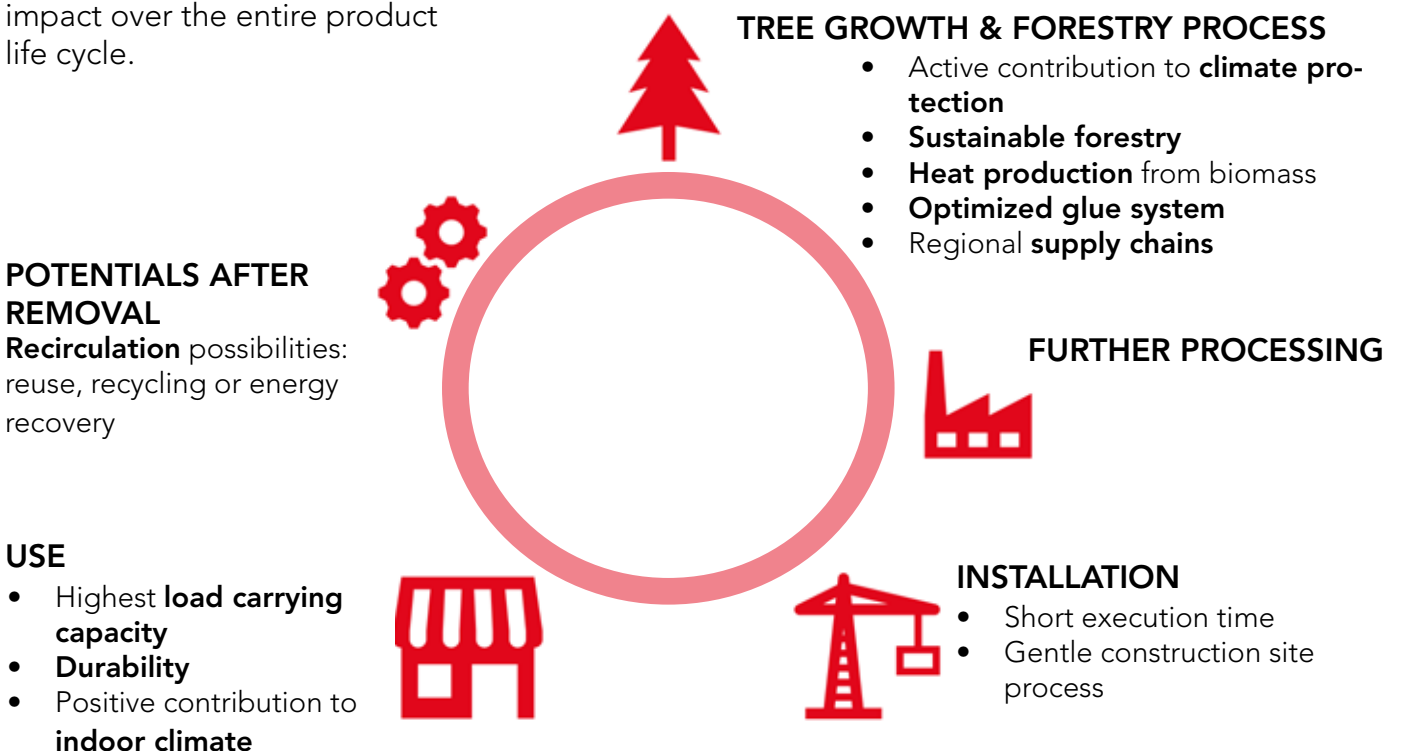
# Fact sheet on life cycle assessment

Leisure Centre Stromlo, Canberra, Australia *(Credits: Cox Architecture, Kane Constructions)*



With the publication of product-specific environmental product declarations, RUBNER Group makes visible its contribution to **environmentally conscious planning and construction**.

The life cycle assessment of RUBNER products considers the potential environmental impact over the entire product life cycle.



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In Stromlo Leisure Centre

- 350 m<sup>3</sup> of **Glulam** from **RUBNER** are installed.

Thus are

- 266 t CO<sub>2</sub>e stored directly in the wood;
- 40 t CO<sub>2</sub>e emissions generated from the production - cradle to gate



Each RUBNER EPD contains 75 environmental figures.

Thanks to the net storage effect, Stromlo Leisure Centre provides an **active contribution to climate protection of around 226 t CO<sub>2</sub>e**. This storage effect corresponds to the greenhouse gas emissions of



≈ **8 Australians** per year



≈ the combustion of **464 barrels of oil**



≈ truck transport over **207,673 ton-kilometres**



In Austria, where Rubner Group sawmill RHI is located, about 30 million cubic metres of wood grow every year. Basing on this pace, the **350 cubic metres** used for the roofing structure of Stromlo Leisure Centre in Canberra **have grown in about 10 minutes**.

