valutec
Good for Wood

GLOBAL GOALS
for sustainable development

VALUTEC – A SUSTAINABLE PARTNER

The UN's Global goals require us to transition to **sustainable construction** to **reduce our carbon footprint.** The best, most effective way to **reduce the carbon footprint of a building** is to **replace steel and concrete with wooden structural components.** This is because wood is the only renewable material where building components bind carbon throughout the period of use. Using solid wood in buildings also provides a **greater opportunity for re-use**, as buildings can be dismantled and erected again elsewhere. Naturally, there will also be a need in future for all types of construction material, but wood has the potential to be used more often and for more purposes. Indeed, using forest resources for long-term objectives such as construction is also beneficial for the climate, as carbon dioxide is bound for a long time and requires sustainable forestry where the raw material harvested is replaced by new trees.

Valutec enables a **greater use of wood.** We strive constantly to **develop innovative**, **sustainable solutions** to further improve our **lumber kilns** and smart **control systems**. Value-adding solutions that enable benefit to be drawn from the **raw material's full value**. In other words, **we believe in wood** and want to help make wood the preferred choice for construction and joinery products.

The UN's Global Goals *are the most ambitious sustainable development agenda ever undertaken by the nations of the world. They exist to help us achieve four fantastic things by 2030: Eliminating extreme poverty. Reducing inequality and injustice in the world. Promoting peace and justice. Solving the climate crisis.*

VALUTEC AND THE GLOBAL GOALS:

3. Good health and well-being

Ensure healthy lives and promote well-being for all at all ages.

Regular exercise contributes to better health. To make sure as many children as possible are given the opportunity to take exercise, Valutec supports youth activities in a number of local sports associations in Skellefteå and its surroundings.

Valutec provides its employees with gym membership cards to encourage them to take exercise.

3.4 Reducing mortality in non-communicable diseases
Every year, Valutec supports the Swedish Cancer Society and its research.

3.5 Preventing and treating substance abuse
Valutec supports Nattvandrarna, a nocturnal neighbourhood watch scheme, and KRIS, a support organisation for former inmates.

6. Clean water & sanitation for all

Ensure access to, and the sustainable management of, clean water and sanitation for all.

6.4 Increase efficiency in water use
Valutec supplies the market's most 'leakproof' lumber kilns. Thus the kilns avoid leaks and the need for additional spraying/steaming. And we minimise water consumption in the drying process.

7. Sustainable Energy for All

Ensure access to affordable, reliable, sustainable and modern energy for all.

7.2 Renewable energy
Valutec offers a solution where solar panels are installed on the roof of a company's continuous kilns. Our solutions are also integrated with a sawmill's energy consumption via boilers installed on the sawmill site. They are often run on bio-based fuels in the form of waste materials from the sawmill.

7.3 Energy efficiency
Energy efficient lumber drying solutions are under constant development at Valutec. This includes e.g. well-insulated kilns, heat recovery and many energy-saving functions in the company's Valmatics 4.0 control system.

8. Decent working conditions & economic growth
Promote inclusive and sustainable economic growth, full and productive employment with decent working conditions for all.

8.2 Achieve higher levels of economic productivity through technological upgrades and innovation
By constantly developing and improving our kiln solutions we can extract the highest possible added-value from the raw material, and thus create economic growth

8.4 Improve global resource efficiency in consumption and production and endeavour to decouple economic growth from environmental degradation
Valutec's kiln solutions enable greater use of wood. Thus we improve efficiency in consumption and production and decouple economic growth from environmental degradation. We promote sustainable economic growth.

8.5 Decent working conditions and equal pay for equal work
Valutec employees enjoy decent working conditions with equal pay for equal work regardless of gender. Our Code of Conduct , summarises how everyone should act in order to conduct business in an ethical, social and eco-friendly manner. There is a whistleblower function for anyone who should feel we are not following our Code of Conduct.

To make sure this also applies to our suppliers, we require them to sign our Supplier Code of Conduct.

9. Sustainable industry, innovations and infrastructure
Build resilient infrastructure, promote inclusive and sustainable industrialisation and foster innovation.

9.4 Adapt industry to make it more sustainable
There is sustainability thinking behind Valutec's materials choices. For example, our kilns are built using stainless steel instead of aluminium to maximise product lifetime. Thanks to our well-designed kilns, heat recovery and smart control systems, we offer a sustainable drying process with minimal energy consumption and maximum value yields.

9.5 Enhance scientific research & upgrade the industry's technological capabilities
Every year, five per cent of Valutec's net sales goes to R&D, which usually takes place together with the industry and/or a technological Institute.

12. Sustainable consumption and production

Ensure sustainable consumption and production patterns.

12.1 Sustainable production patterns

Valutec's control system with built-in simulators ensures an optimal drying process from the very first batch, and that every batch is dried correctly. Thus we minimise the risk of re-drying and enable the highest possible yield while also rendering a more efficient use of natural resources.