TIMBER LIGHTING

Beautiful, sustainable and carbon-storing.

Using timber lighting as an alternative is a simple way to reduce the amount of embodied carbon on developments.

93001 Eye

93003 Bosco

93006 Peri

93005 Punto

93007 Strato

93010 Alto

7 Reasons to choose timber lighting:

1. Carbon friendly

A single Bosco bollard weighing 20kg stores about 9kg of carbon, that's 32kg of CO2! This is because dry timber is approximately 50% carbon by weight. In comparison steel is approx 2% and aluminium contains none.

2. Energy friendly

Timber uses simpler less energy-intensive processes than metal, helping to reduce the carbon footprint.

3. Environment friendly

Timber is a durable material which will blend into its surroundings naturally. No coatings, no chemicals, just sustainably grown material. Some timber is guaranteed for 50 years above ground and 25 years below ground.

4. Nature friendly

FSC/PEFC materials ensure robust replanting programmes for a long-term renewable supply.

5. Bat friendly

Amber 593nm lighting ensures minimal disturbance to bats, with other lighting available from 2000k to 4000k.

6. Visitor friendly

Subtle precise lighting can be specified in many different formats to enhance visitor experience and public safety.

7. Budget friendly

Timber lighting disappears into the background during the day, making it less susceptible to vandalism and the associated costs of refurbishment or replacement.

The UK governments 'Timber in construction roadmap' tells us that 25% of the UK's greenhouse gas emissions are from the built environment, and that use of timber can reduce the embodied emissions in a single building by 20% to 60%.

UK government timber in construction roadmap.

Click here to find out more!

HORNBECK

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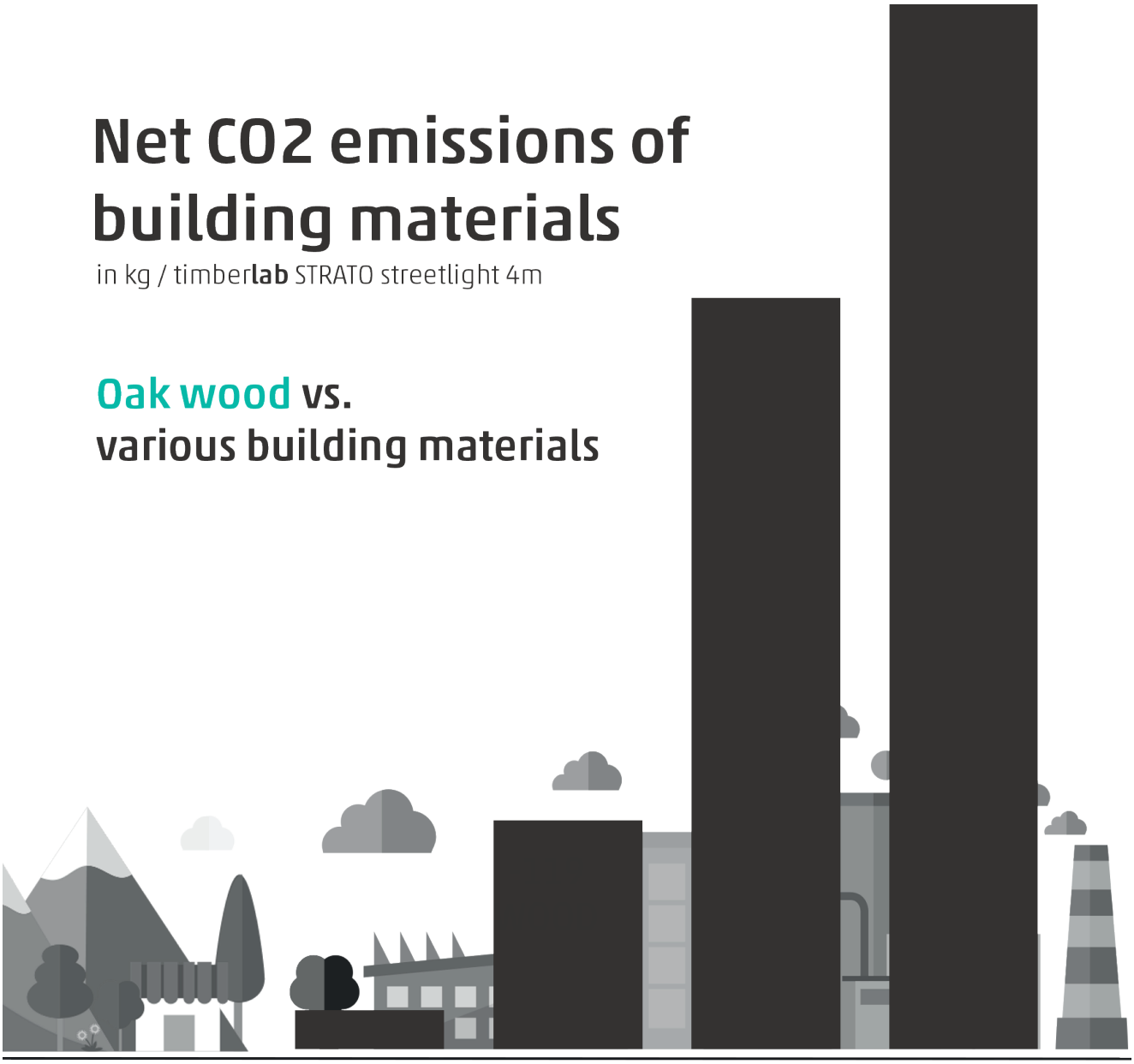
Net CO2 emissions of building materials

in kg / timber**lab** STRATO streetlight 4m

Oak wood vs. various building materials



This compensates:

Emission of **1.000 km** worth of exhaust gases from a midsize car.

Electricity consumption of **one household** in one month.

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