

# LUXURY IN AN EXCEPTIONAL RESORT

A 13.5 hectare resort that houses 100 beautifully designed villas, 7 restaurants and bars, and a spa suite. Ritz Carlton includes three green islands and a fourth water island built on sandbanks. The central consideration was to minimize the impact of construction on the fragile reef ecosystem. The orientation of the villas runs in a north-south direction so that sunrise and sunset can be enjoyed perfectly.

All buildings of the complex have clear geometric forms. Thus, the villas were designed in a circular form and the communal buildings in a rectilinear form. KLH® – CLT was used for the walls and roofs and glulam was chosen for the columns. The elements were prefabricated at the KLH factory in Austria, which thus significantly reduced

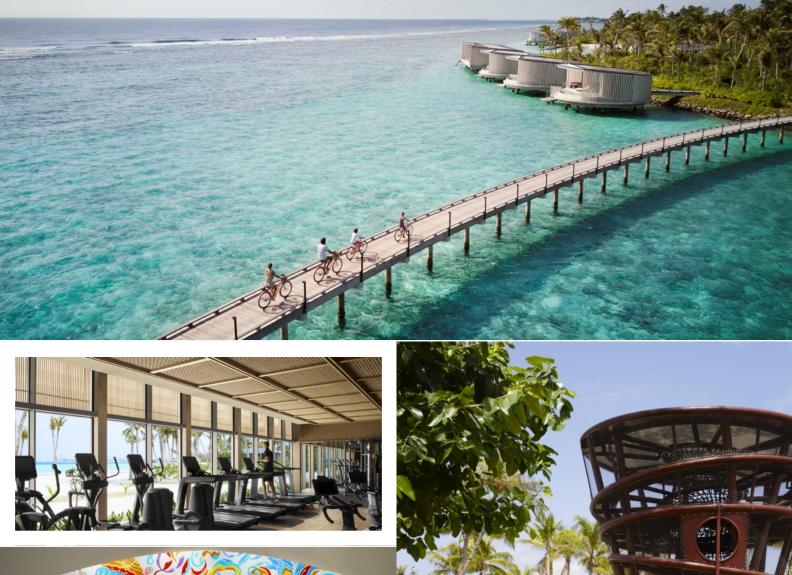
on-site assembly time. Public areas are designed for cross-ventilation with efficient glazing system and high thermal insulation. Photovoltaic panels, sustainable cross-laminated timber (KLH® – CLT) and low-maintenance surfaces therefore keep the carbon footprint low.

#### PROJECT INFO

VOLUME OF KLH® – CLT  $22.281 \text{ m}^2 / 2.110 \text{ m}^3$ 

STORED CARBON
1.676 tonnes (Regrowth time in Austria – 35 minutes)















## **ARCHITECT**

KHA <u>www.kha.studio</u>

## **PREFABRICATION**

Venturer Timberwork www.venturertimberwork.com

## **GENERAL CONTRACTOR**

Sanken Overseas www.sankenoverseas.com

## PHOTOGRAPHY CREDITS

The Ritz-Carlton Maldives, Fari Islands

## PROJECT SUPPORT

MACE International Limited www.macegroup.com