## Surface Degradation of Wood Exposed to External Conditions in South Africa Hout Bay House research project in cooperation with the Czech University of Life Sciences in Prague

> testing and evaluating the performance of treated and untreated wood species under local coastal climate



SIBERIAN LARCH







![](_page_0_Figure_7.jpeg)

3. Surface

treatment

vs. opaque

> Transparent

1. Material selection	2. Construction solution
> Use of wood species with higher natural durability	<ul> <li>&gt; Ventilated air gaps</li> <li>&gt; Roof overhangs</li> <li>&gt; Avoiding the ground contact</li> <li>&gt; Covering the top ends of wood</li> <li>&gt; Use of steinless fasteners</li> </ul>

![](_page_0_Figure_9.jpeg)

![](_page_0_Picture_10.jpeg)

exposure