

LightTherm

**Circular facade
panels with passive
daylighting**

1 — Overview

LightTherm is an early-stage innovation project developing facade panels that combine circular construction materials with passive daylighting technology.

2 — The problem

Buildings consume large amounts of electricity for lighting during the day.
Construction waste is also one of the largest waste streams in Europe.

3 — The solution

LightTherm integrates passive daylighting channels into facade panels made from circular construction materials.

4 — Project stage

TRL-3 concept

Research and technical validation stage.

5 — Looking for

- research partners
 - universities
 - pilot projects
- sustainable building collaborations

Riga, Latvia

<https://lighttherm.tilda.ws>