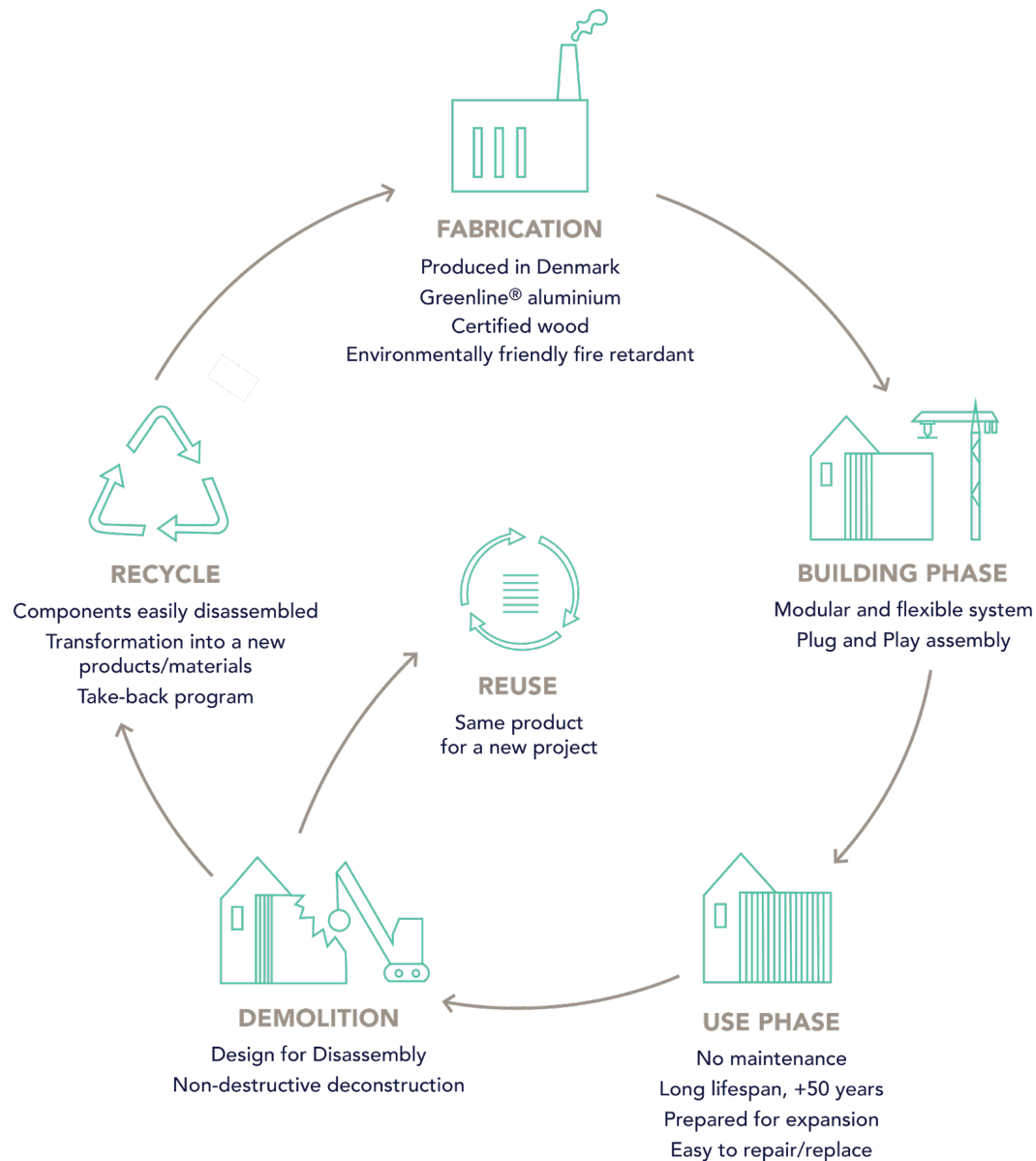


NORDISK PROFIL'S RESPONSIBLE FOOTPRINT

FACADE SOLUTIONS WITH ENVIRONMENTALLY FRIENDLY LIFE-CYCLE



FABRICATION

The facade systems are manufactured from top-quality materials with a strong focus on environmental and climate considerations.

The systems construction, profiles, and lamellae are made exclusively from Greenline aluminium, which is 100% collected and recycled. Greenline has a very low CO2 footprint of only 1.8 CO2-eq/kg. compared to primary aluminium at 11.1.

Wood lamellae are made solely from FSC® or PEFC™ certified wood, ensuring responsible and sustainable forestry.

For fireproofing the wood lamellae, we use a Cradle to Cradle-certified flame retardant, which is made from 100% natural substances, free from toxins and VOC emissions, and is 100% biodegradable. Production and preparation in Denmark.

CONSTRUCTION PHASE

Facade solutions are tailored and customized to each customer and building project. This way, we achieve a minimum of waste.

They are all created as modular systems with great design freedom and flexibility in terms of easy expansion and customization. Special features also include simple, fast and quality-assured setup due to the unique plug and play mounting system.

USE PHASE

The facade system requires minimal maintenance and has a minimum lifetime of +30-50 years. The heat treatment of the wooden lamellae helps to ensure dimensional stability and longevity. Similarly, aluminium is known for its unique longevity, with 70% still standing in its first version.

The modular facade system is designed to handle facade repairs without visible transitions and with the option of adding additional Nordisk Profil lamellae cladding.

DEMOLITION, RECYCLING & RE-USE

It is crucial for Nordisk Profil to offer products that can be easily dismantled and used for other projects and purposes. With the design principle 'Design for Disassembly', the facade systems are designed and assembled for easy disassembly of each individual component.

All components can be dismantled and reused for other purposes, and it is possible reuse the facade cladding 1:1 for a new building project. Nordisk Profil offers a take-back service with pick-up and recycling.