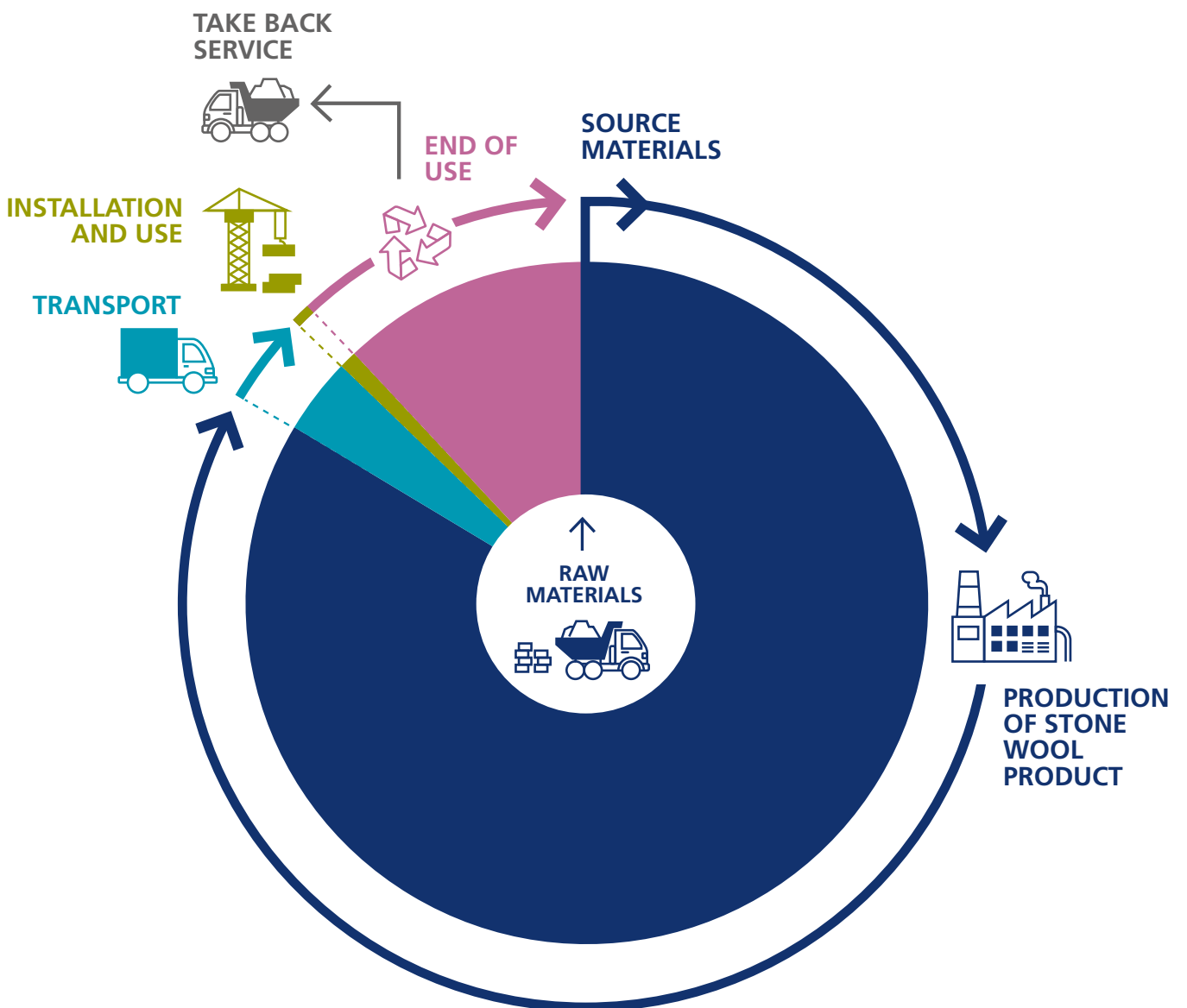


Rockflow: sustainable water management for the urban environment

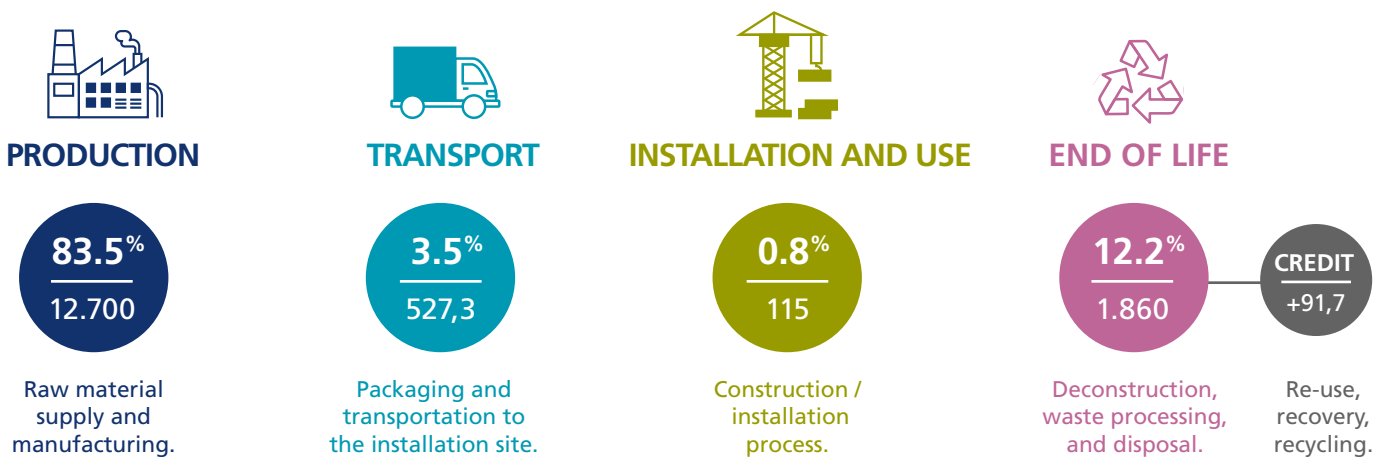
At Lapinus, we've created a new and ingenious way to protect against heavy rain fall. Built into the urban infrastructure, it safely stores incredible quantities of excess rainwater, before releasing it back to nature. And because Rockflow is made from 100% natural, durable stone, it will continue performing and protecting communities for years to come. It's reassuring to know that such a stable and sustainable resource is helping solve such a pressing global concern in a natural and economic way.

Life Cycle Analysis Rockflow

An LCA is an assessment of the environmental impact of Rockflow associated with all the stages of a product's life from raw material extraction through materials processing, manufacture, distribution, use, repair and maintenance, and disposal or recycling. It's expressed as the Global Warming Potential (GWP).



The contribution to the GWP of Rockflow per process group:

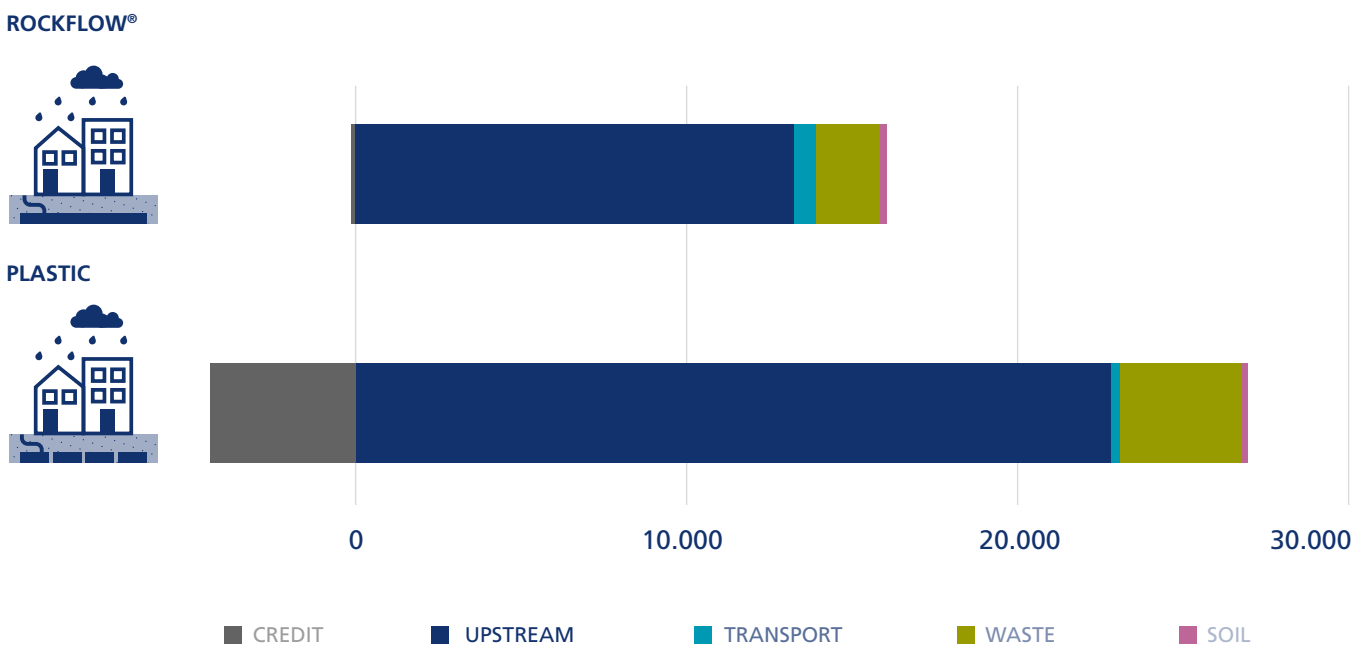


Stone wool can be indefinitely recycled. Through Rockcycle® we offer a dedicated service to take back end of life materials and recycle them into new stone wool products.

Rockflow vs plastic

The Rockflow LCA is compared to that of a water management system with plastic crates in the graph below. While the waterbuffering capacity of the two systems is comparable, the LCAs show that Rockflow's ecological footprint is considerably smaller.

Process Groups' Contribution to GWP for Rockflow and plastic



Rockflow supports sustainable cities and communities

The Sustainable Development Goals (SDGs), otherwise known as the Global Goals, are a universal call to action to end poverty, protect the planet and ensure that all people enjoy peace and prosperity. The goals are interconnected – often the key to success on one will involve tackling issues more commonly associated with another. The ROCKWOOL Group actively contributes towards achieving 10 of the 17 SDGs. With Rockflow Lapinus specifically focusses on SDG 11: supporting cities and communities to become more sustainable.

