

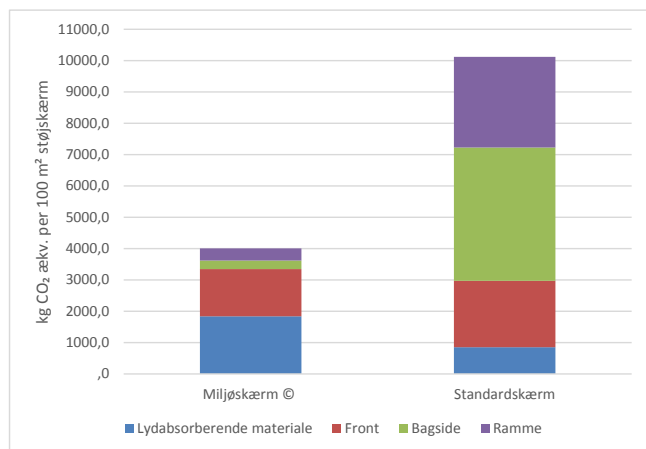
## Innovative recycling of fiber glass material

Miljøsøskarm has developed patented technology to recycle fiberglass waste, offering a better solution than land filling and incineration in power plants. By substituting new and more expensive materials, the recycled fiberglass further reduces the demand for virgin materials.

## Environmental screening

The recognized consultant COWI has calculated that a noise barrier manufactured from recycled fiberglass and plastic materials reduces the CO<sub>2</sub> emission with approx. 60% and the energy consumption with approx. 40% compared to the manufacture of existing noise barriers in aluminum and mineral wool.

COWI's report is based on data from Miljøsøskærms early production phase and does not reflect the effects of subsequent developments and optimizing of our manufacturing process.



Emission of greenhouse gases (CO<sub>2</sub> equivalent)

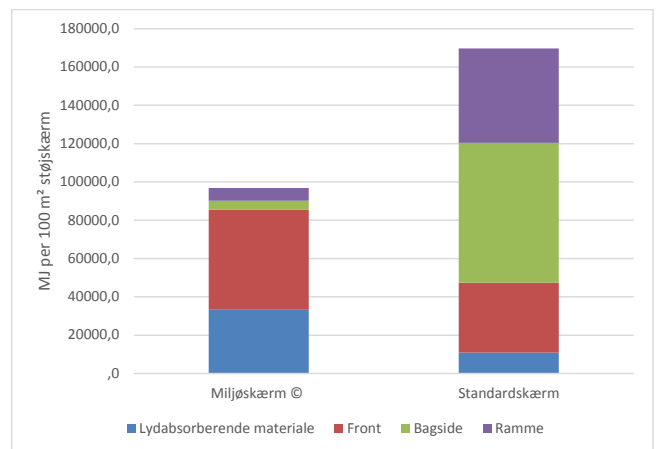
## Circular economy

The recycled fiberglass material is virtually inert to exposure to climatic conditions and mechanical wear and tear. As such, damaged and discarded noise barrier elements can be returned to the manufacturer and used in the manufacture of new elements.

A closed loop of recycled materials is a positive contribution to establishing the circular economy of our future society.

## Environmental effect

Fiberglass products are based on either polyester or epoxy and the manufacturing process must be carried out in a controlled environment. After curing neither polyester nor epoxy present any environmental hazards. The acoustic absorbing material of recycled fiberglass contains no toxic constituents and does not present any risk of emission or seeping of any undesired substances to the environment.



Energy consumption

