



# SECALFLOR GMBH REFERENCE PROJECTS





OUR ADVANTAGES

# WHY SECALFLOR?

We promote vegetation sustainably, ecologically and effectively with our products. This results in many advantages and potential savings for our customers.



WATER RETAINING



IMPROVED PLANT  
GROWTH



SUSTAINABLE



REDUCES CO2



## OUR PRODUCT

# SECALFLOR PANEL

- Universally applicable where vegetation is to be promoted
- Made entirely from natural raw materials
- Stores water and releases it to the plants in the long term
- Invigorates soil microbiology and promotes soil life
- Converts to humus - creating a permanent soil amendment



# APPLICATION AREAS

VERSATILE USE OF OUR SECALFLOR PANELS



## Gardening and landscaping

Thanks to their water-retaining properties, Secalfloor panels ensure secure establishment, stable growth and vitality of lawns and plants even during dry periods.



## Green roofs

Unique and simple system design with all-natural ingredients and low roof loading - we make the green roof plastic-free.



## Erosioncontrol / Renaturation

An all-round system without further reworking with high growth success and fast erosion control.



## Permanent crops

Simple system that saves water, increases crop yields, improves the soil sustainably and ecologically, easy to handle for the end user.





# STAATSBETRIEB SACHSENFORST 2021

## Background:

Increasing risk of drought stress in afforestation, especially in open areas.

## Solution:

Pioneer trial within the Adapt4Clim project from Staatsbetrieb Sachsenforst.

## Evaluations:

Inclusion of Secalflor panels in plantations of the year 2021 on 3 clone archives (sessile oaks, spruces, pines).

STAATSBETRIEB  
SACHSENFORST







## FURTHER IMPRESSIONS



REFORESTATION



# MARAWAH ISLAND, ARABIAN GULF 2012



## **Project:**

Creation of a tree plantation on Marawah Island in the Arabian Gulf (2012).

Delivery for the planting of 13,000 Ghaf trees (single excavation).



RENATURATION

# EROSION CONTROL & RENATURATION

Open pit in Cottbus, Germany in 2014.



EROSION CONTROL





Renaturation of a landfill, 2014



Slope greening , 2009

# EROSION CONTROL & RENATURATION



EROSION CONTROL





# SLOPE GREENING IN BERLIN, GERMANY 2003



EROSION CONTROL



SECALFLOR



# TRACK BED GREENING



Berlin,  
2010



LANDSCAPING & GARDENING

 SECALFLOR





LANDSCAPING & GARDENING



# LAWN

Self-testing by the end customer.

Secalfloor panels were covered with 4 cm of soil, followed by seeding.

During the growing phase, the lawn was kept evenly moist.

The difference is visible - with Secalfloor panels the lawn is healthier and more resistant.



LAWN





## FURTHER RESULTS WITH CUSTOMERS



LAWN





# LAWN UNDER PINES, 2021



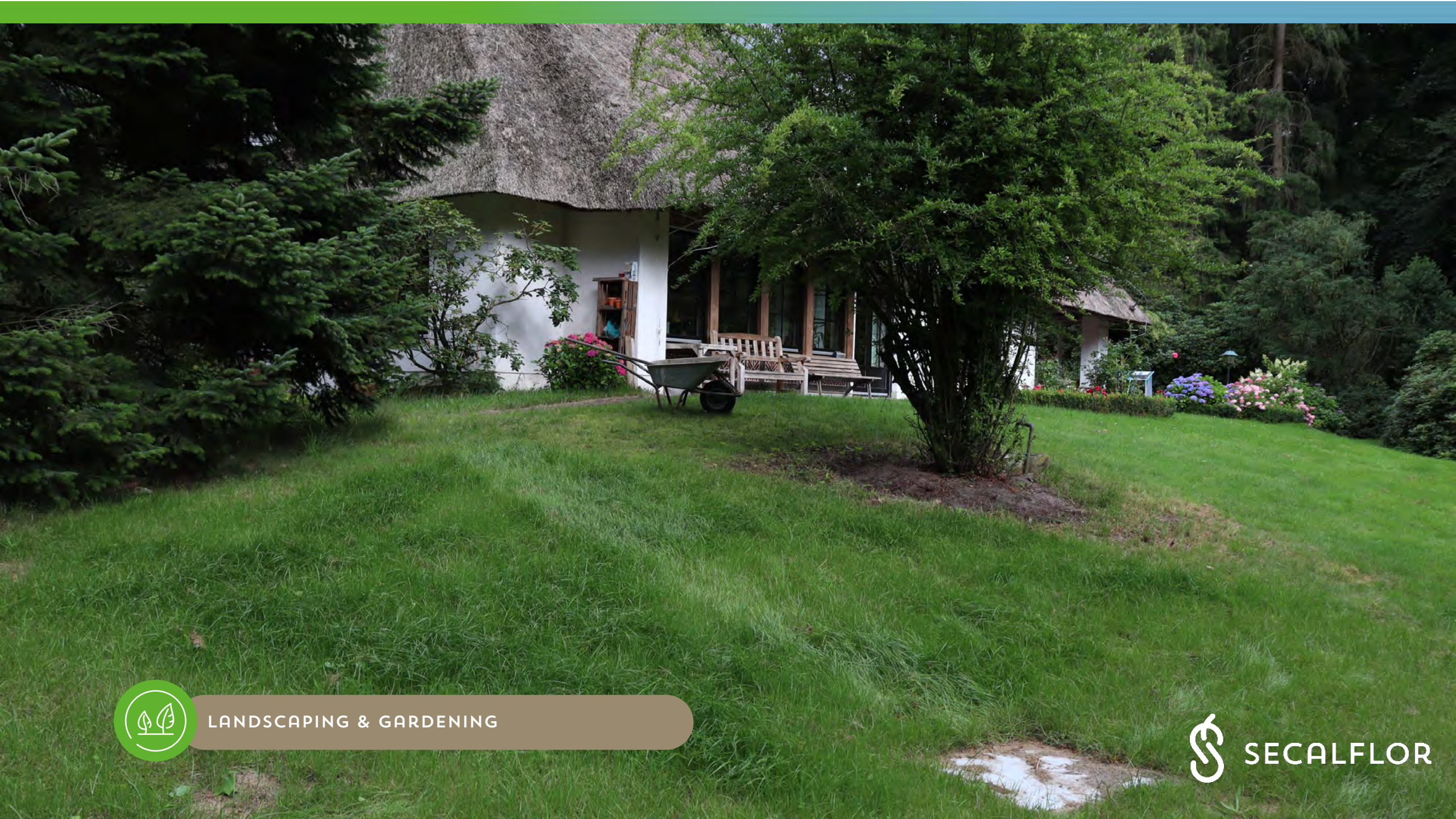
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# COMPARISON OF DIFFERENT GREEN ROOFS



## Installation :

Left: Conventional green roof structure with rock wool

Right: Secalfloor roof modules

## Care :

After irrigation in the growing phase, no further additional watering was carried out.



GREEN ROOFS





THE DEVELOPMENT OVER THE FIRST YEAR-  
THAT'S SOMETHING TO BE PROUD OF...



GREEN ROOFS





GREEN ROOFS

Grimm Zentrum Berlin, 2009





GREEN ROOFS

Elpro Berlin, 2022



Federal Administration  
Office Köln, 2004



Kagar, 2003



# CONTACT



HOW CAN WE GIVE YOUR PROJECT A BOOST IN GROWTH?



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