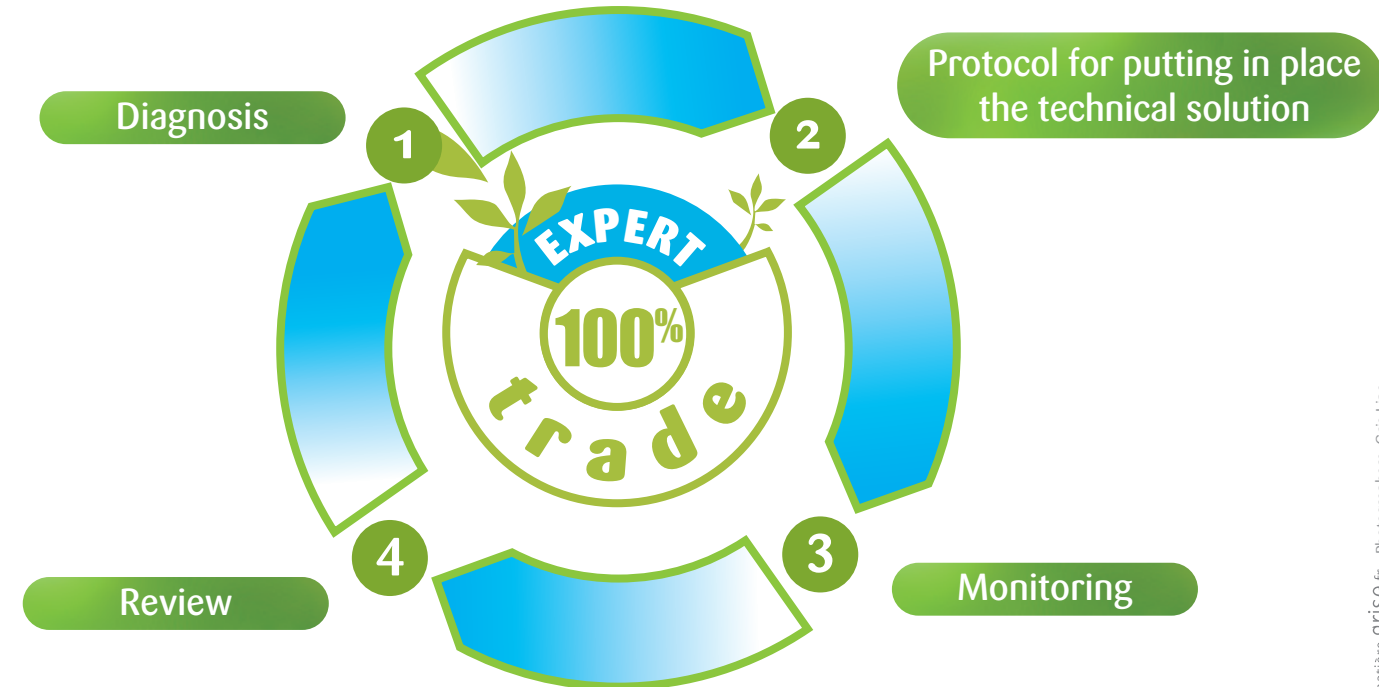


# The importance of managing water

# SINEU FLOR PACKAGE: ein Patent + die Beratung eines Fachmanns



Any queries?  
Request for advice?

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An Intelligent Design  
for tomorrow's towns & regions



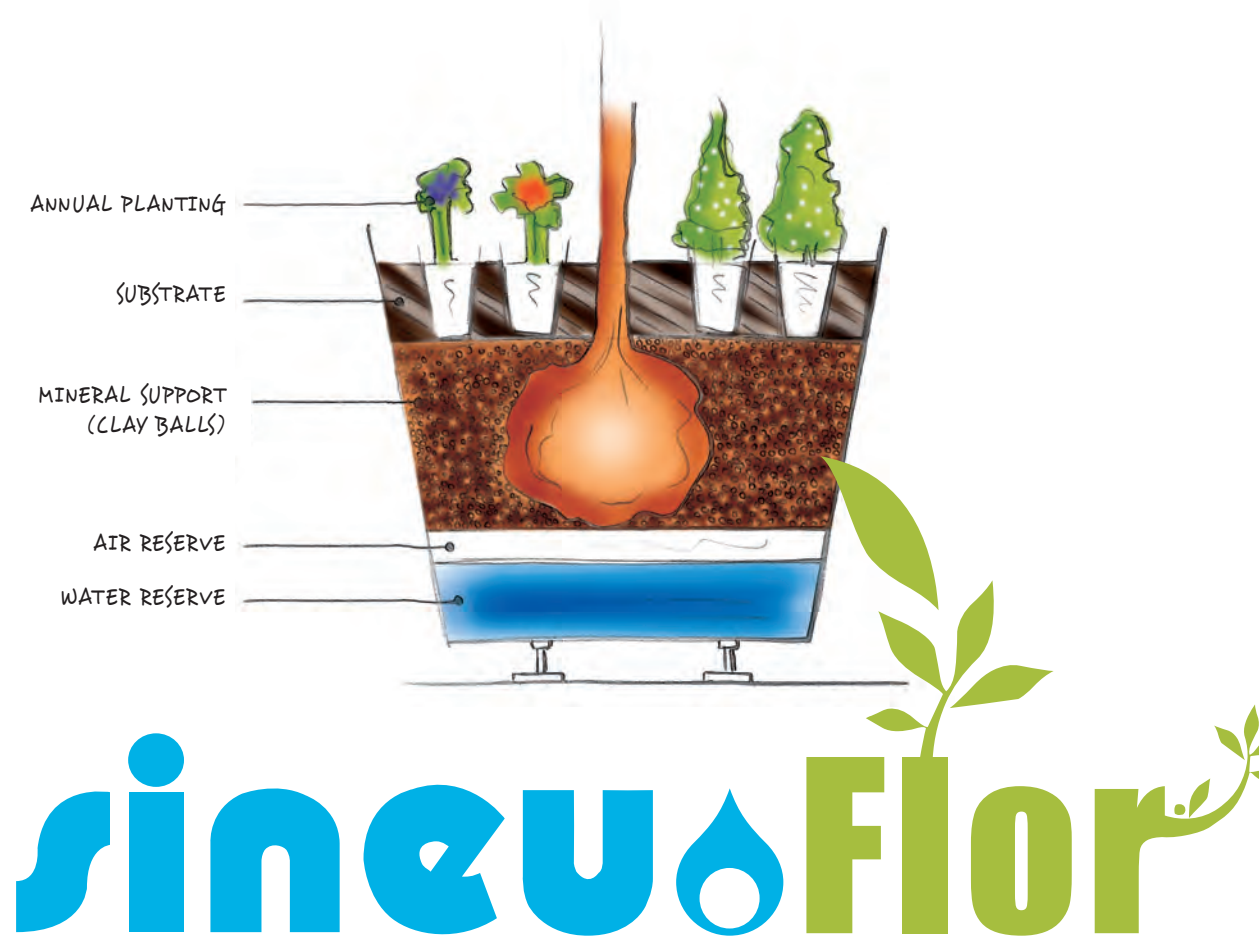
# Planting, a key requirement for today's cities

# An innovative solution for saving water

# Measurable savings



Stadtmöblierung



Sineu Flor is a patented solution that will allow you to save water and associated resources even as you maximise raised planting.

Sineu Flor is the solution that will allow you to continue your planting projects to add value to your living environment. This patented innovation reduces both water consumption and the watering frequency, while improving plant quality.

Sineu Graff has developed the patent\* to address needs that are faced by our customers all the time. Developing high-quality planting in towns inevitably leads to greater consumption of water, time and labour. That increased consumption of resources is not compatible with environmental objectives, budget requirements, and ever more limited resources.

Sineu Flor, a patented solution for achieving your objectives:

- social goals
- environmental goals
- economic goals

\*The patent protects a technical innovation, that is a product or process that provides a technical solution for a given technical problem. Definition of INPI (French Intellectual Property Institute)

**1 Reduced water consumption**  
Sineu Flor includes a special planter, supporting mineral material (clay balls) and an enriched substrate.

The clay balls catch water (watering, ambient humidity, condensation etc.), store it and return it when needed, and allow the plant to absorb water through osmosis. In that way, the plant has two water reserves: that stored in the planter and that stored in the clay balls.

**2 Reduced consumption of resources**  
The reduced watering frequency makes it possible to free up some of the human resources devoted to watering. Those resources can be redeployed towards other tasks, thus reducing the overall cost of planting.

E.g.: In Denain, 60 man hours were saved in one planting season with 7 planters using Sineu Flor.

**3 Reduced greenhouse gases**  
If watering is carried out manually, the reduced watering frequency limits the frequency at which vehicles are required to pass, and thus the greenhouse gas emissions.

**4 A universal solution**  
The Sineu Flor system can be adapted to all the planters in the Sineu Graff planting range, including planter benches and mobile gardens. We also offer a tailored service, with the possibility to adapt our patent to existing planters

## Clay balls, a material that is:

**Ecological:** it is natural, durable and recyclable.

**Draining:** the 8/16 ball size offers 45% gaps between the balls for better root aeration.

**Retains water** from rainfall or watering

**Retains humidity** and gives it back

**Non-rotting** for lasting technical and chemical properties

**Non-combustible** may be used inside buildings

**Microporous:** collects water with no increase in volume

**1 The social value of planting:**  
creating convivial spaces, fostering exchange, improving the living environment.

**3 The environmental value of planting:**  
developing the green lungs of cities.

**2 The economic value of planting:**  
making the town more appealing to tourists.

Tomorrow, planting in towns will require the use of an innovative solution that manages resources most effectively

- time
- water
- energy