

## planuvia - the smart watering system

With planuvia irrigation in the forest is brought to the next level.

Before watering a plant you can limit the amount of water on the unit itself or online via a GIS or cadastral system. When reaching the limit the valve of the device closes automatically and saves the geo position as \*csv file on a SD-card together with the actual dispensed amount of water. In addition the data can be transmitted automatically and tamper-proof via the mobile phone network by e-mail or directly to a GIS or cadastral system.

In this way, watering becomes more effective and efficient as each individual plant is irrigated with a specific amount of water. Depending on the cadastral system, this can be predetermined automatically depending on the local conditions. Especially in drought periods this conserves water as a resource while at the same time the vitality of the plants is maintained.

In addition, the data can be used to automatically create watering records and invoices. This reduces paperwork and associated personnel costs.

Due to its small size planuvia combined with any belt or shoulder carrying system is mobile, ergonomic, easy to use and can be operated with little effort.



*...Safeguarding and preserving values*

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For more informations  
on the system and  
its modules please visit  
our website or scan  
our QR-Code:



The smart watering system for  
landscaping, communal services  
and forests.







## Ergonomics

Due to the low weight of the device and the single-handed use as well as the compatibility with shoulder and pelvic carrying systems working under less stress is possible.



## Cost saving

By digital recording of the water usage, the proof of watering is automatically documented. This makes it possible to apply for subsidies easy and transparent as well as to create invoices automatically. The water can also be used in a more efficient way and the total amount of water used can be reduced.

## Compatibility

The planuvia is compatible with different water source delivery systems. Therefore existing equipment can still be used.

In addition to direct compatibility with different GIS and cadastral systems, the data on the SD-card can be opened and processed with any spreadsheet programme or editor. Thus, no additional licence or software costs are caused.



## Conservation of resources

When using the system, large amounts of water can be saved. The optimal use of irrigation water can ensure the growth and preservation of plants, especially during periods of drought. In addition, targeted watering encourages the plants to develop their root systems in such a way that they also have access to deeper water resources. This results in better adaptation to the location.

## Time saving

The watering periods and number of watering operations can be optimised and if necessary reduced by determining the watering quantities and operations\* according to local requirements. In the administration planuvia can be used to automate processes such as the creation of proofs of watering, invoices or the application for subsidies. This reduces personnel costs.

The self-explanatory user interface reduces the training period.



\*automatic calculation of water quantities depends on the GIS or cadastral system used