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# REFERENCES

MORE THAN 1000 SYSTEMS SUCCESSFULLY  
IN OPERATION AROUND THE WORLD

## GOTHENBURG

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**Sweden has more than 90,000 lakes.** They are protected as far as possible, because standing water in particular is sensitive to anthropological influences. One of the first systems was installed on the site of a scrap metal recycling company in Gothenburg. **15 Hydrosystems 1000** protect a drinking water reservoir against high heavy metal contamination.

## SINGAPORE

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**Everything revolves around water in Singapore.** The city state has imported the majority from Malaysia so far, but self-supply is now becoming increasingly significant. Protection of the water is thus a high goal. The first **filter systems** were installed at the **Interpol Global Complex**. They have to prove their suitability here in tropical conditions under the watchful eye of the police.

## BRISBANE

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**Airports have a particular effect on the stormwater run-off.** Not only the aircraft taxiways, but above all the total traffic areas endanger the local bodies of water. The **Hydrosystem 1000** is thus being tested according to Australian testing regulations on the site of a car hire company in Brisbane. Groundbreaking for other airports.

## SIPPY DOWNS

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**Over the last two decades Australia has developed into a pioneer in the handling of stormwater.**

Down under, every new system must be put through its paces before it can be used.

**The Hydro Filter Channel** drain is being tested on the campus of the University of the Sunshine Coast. And from here the technology is spreading to Asia.



## INGOLSTADT

The **Hydro Filter Channel** system was selected for the drainage of the production at AUDI AG in Münchsmünster near Ingolstadt. In total, 1.5 km of the gully system with filter function were planned for the 42-hectare site. The Ingolstadt-based car manufacturer is thus relying on an innovative filtration solution for the drainage. **Audi employs future technologies – in drainage too.**



## SCHLESWIG

The rainwater runoff from the lead roof and the facade of the **Haithabu Viking Museum** in Schleswig is treated by **3 filters of the type Hydrosystem 1000** metal and subsequently allowed to seep towards the groundwater in three underground infiltration ditches next to the building. Water samples can be taken from a control shaft at the outlet and tested for lead concentration.

## POTSDAM

In total, **15 filter shafts of the type Hydro-system 1000** metal were installed in the **Brandenburg State Parliament in Potsdam**. The connected areas amount to about 4,000 m<sup>2</sup> copper roof and about 4,500 m<sup>2</sup> courtyard area. The stormwater is not diverted into a seepage system after cleaning, but into a stormwater sewer from where it runs into the nearest receiving sewer.

## MUNICH

The historic building of the **Bavarian Government** on Maximilianstrasse in Munich has a copper roof. Since the water seeps into infiltration ditches on site, it must first be freed from copper so that the groundwater is not contaminated. **Several Hydrosystems 1000 and 1500** with filters of the type metal were used to ensure the long-term sustainable protection of the groundwater.







## NANJING

Trailblazing architecture is almost always linked to sustainability nowadays. A good example of this is the **Olympic Youth Center** in Nanjing, China, which was designed by Zaha Hadid Architects. The stormwater from the roofs and open spaces is collected and cleaned by **Hydrosystems of the type roof** before being stored in cisterns and subsequently used as industrial water.

## DUBAI

**Al Habtoor City** is the name of a new district in Dubai that combines top-notch architecture with sustainability. Here, too, a total of **9 Hydrosystems 1000** clean the water from roofs and patios before it is stored in cisterns. Water is precious in the United Arab Emirates and the use of stormwater is deeply rooted in the culture of the Gulf States.

## CHAM

In Switzerland, the water from streets with a traffic volume from a certain minimum upwards must be collected and treated before being discharged. That is often not particularly easy when it comes to existing streets. Retrofitting with **filter systems** is the ideal solution if no space is available above ground. Implemented at the Alpenblick intersection in **Cham**.

## LAKE ZURICH

**Lake Zurich** is the chosen home of celebrities such as Tina Turner. One of the reasons is no doubt the crystal-clear water, which enjoys maximum legal protection in Switzerland. The cantonal road around the lake with its high traffic volumes threatens the idyll. The water from the first sections is thus cleaned by systems of the type **Hydrosystem 1000**.

