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Press Release

Control the flow in your application and save water with BT-Maric constant flow valves!

Bertfelt Teknik participated for the first time in [CYCL'EAU Toulouse](#), the regional trade fair dedicated to water management for public and private stakeholders, from January 13th to 14th with

- hundreds of participants in live, around 7 round tables with more than 2,500 views on Youtube
- more than 200 registered for B2B meetings thanks to AD'OCC and EEN.

Today, the water deficit in the Occitania region is around 160 to 200 million m3 and will increase to 1.2 billion m3 by 2050. The difficulty of securing potable water and sharing water between municipalities, the agricultural and industry world will be at stake for years to come.

The reflection and awareness of a real "water crisis" began in 2018. The President of the French Republic, Emmanuel Macron, had requested that consultation take place to "find solutions, territory by territory, ".

It is exactly to respond to this issue of resilience, in a territorial and targeted manner, that CYCL'EAU Toulouse, through its show, has made it possible to locally address national water management issues. The show offered solutions regarding the need to save water that are supported by communities.

You can find the conferences on Youtube.

TOULOUSE OCCITANIE
salon professionnel régional dédié à la gestion de l'eau en Adour-Garonne
13&14/01/2021 - TOULOUSE - ONLINE
www.cycleau.fr

CYCL'EAU LIVE

CONFÉRENCES ONLINE
Toutes les conférences en direct de Toulouse à suivre sur la chaîne CYCL'EAU

RDV B2B en VIRTUEL
Les rendez-vous d'affaires en visio. **Inscription sur:** cycleau2020.b2match.io

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NOUVELLES DATES

TOULOUSE OCCITANIE
réseau31
ADOC
FRANCE Water Team
Pôle Environnement
ADOC
entreprise européenne network

Bertfelt Teknik AB
Flygfällsgatan 5
SE-128 30 Skarpnäck
SWEDEN

telefoon: +46 (8) 745 43 60
btorder@bertfelt.com
www.bertfelt.com

KvK-nr: 556398-7840
Btw-nr: SE556398784001

SWEDBANK AB
IBAN: SE17 8000 0832 7913 7674 0138
BIC: SWEDSESS

Many water treatment processes require an accurate and inexpensive method of controlling flow rate. The BT-Maric Flow Control Valve has been developed to provide a constant pre-set flow rate regardless of pressure levels and fluctuations.

BT-Maric flow control valves are used in a variety of processes including reverse osmosis, media filtration and chemical dosing. The BT-Maric valve ensures a constant flow of water regardless of the pressure variations that might occur in the system. Their simple design, with no wearing parts, is well suited to desalination plants and water treatment systems. The valves are also tamperproof and require no adjustment or maintenance.

One typical application for BT-Maric valves in water treatment is to control backwash flow rate and prevent loss of media in the media filters when the same pump is used for service duty and backwash. During backwashing, it is essential to maintain the correct flow rate as specified by the filter manufacturer. The correct rate ensures the ideal upflow velocity and bed expansion of the filter media for optimum cleaning. Too high a flow rate will wash the media bed out of the tank, where it will be lost to waste, rendering the media filter useless. A flow control valve fitted in the backwash circuit ensures optimum media cleaning and prevents loss of media.

According to desalination and wastewater treatment specialists, BT-Maric Flow valves enable to use the media filter feed pump as a backwash pump, resulting in cost savings by avoiding the need to install a dedicated backwash pump, whilst still controlling the backwash flow rate and protecting the pumps from damage.

The BT-Maric Flow Control Valve is also critical in circumstances where the Water Treatment Plant is designed to accept pressurised feed water supply; it provides a cost effective and reliable way to control the backwash flow rate without the need to control the client's feed pump.

Bertfelt Teknik AB has obtained the ACS, Attestation de Conformité Sanitaire (the French potable water certificate).

For more information, please do not hesitate to contact Ms. Liliane Laroche on +33 1 86 65 58 12 or by email at liliane.laroche@bertfelt.com.