



Editorial

In this April 2016 issue of the Newsletter I would like to tell you about the success of the first international Cast Iron Pipe Systems Congress which was held in Vienna.

There are also reports on the installation of ductile iron pipe systems to secure the drinking water and extinguishing water supply in a number of construction projects.

Have an enjoyable and stimulating read

Sincerely yours



Christoph Bennerscheidt

A reference to the Official Journal of the European Commission

Publication of the "COMMISSION IMPLEMENTING REGULATION (EU) 2016/388 of 17 March 2016 imposing a definitive anti-dumping duty on imports of tubes and pipes of ductile cast iron (also known as spheroidal graphite cast iron) originating in India".



First international Cast Iron Pipe Systems Congress in Vienna – a successful system presentation on 14 and 15 March 2016

◆ With around 100 participants from 14 nations, an extensive international congress on cast iron pipe systems was held in Vienna on 14 and 15 March 2016. The Austrian Standards Institute organised the symposium together with the relevant committees and working groups of the European and international standards organisations CEN and ISO. The co-organiser was EADIPS®/FGR® (European Association for Ductile Iron Pipe Systems / Fachgemeinschaft Guss-Rohr-systeme e. V.).

The guests from the water management industry, building and construction and the world of science were offered a comprehensive overview of the performance capabilities of the European cast iron pipe industry. High-level speakers and knowledgeable presenters organised four thematically structured sessions. The focal point was a number of contributions on the efficient network management of public supply and disposal organisations as well as economic and ecological sustainability in the water management industry. In addition, the properties and technologies of ductile cast iron as a material and its system components – pipes, fittings and valves – were presented in various contributions.

The programme was rounded off with some insights into different high-performance areas in which ductile iron pipe systems are used. Among other things, discussions covered fire-extinguishing systems, fire protection, trenchless pipeline laying, snow-making equipment and the increasing importance of hydropower as a fairly recent area of application.

The audience was impressed with the content and running of the congress. A repeat performance is planned in two to three years.

Construction of a new elevated tank in Markt Mering, Bavaria



◆ In the process of the construction of a new elevated tank for the supply of drinking water to the municipality of Markt Mering in the Swabian district of Aichach-Friedberg, a few pipelines also had to be partially replaced. Because the pipelines were buried at a depth of up to 6 m, the client decided in favour of ductile iron pipes with an increased wall thickness and cement mortar coating. Re-

strained push-in joints were supplied by the BRS® system. 30 m of ductile iron pipes in DN 200, C 64/K 9, 180 m in DN 250, K 10 and 108 m in DN 400, K 10 were used. The PFA operating pressure of all the pipes installed was 10 bar. The pipes were also laid parallel in sections. The construction work was backed up by training by the pipe manufacturer's application technology department.

Replacement of supply pipelines for the waterworks in Alba Julia (RO)

◆ Two supply pipelines in steel pipe for the Alba Julia waterworks needed to be replaced with ductile iron pipes in the area of the River Mures. For economic reasons, the installation of two parallel pipe strings using the HDD process was selected for the river crossing. For both culvert pipelines, DN 800 ductile iron pipes

with BLS® restrained push-in joints and cement mortar coating were used. Each pipe string is about 520 m long. Both pipelines were completely assembled in the open trench and tested with a pressure of 30 bar before being pulled in. With the support of the Austrian TRM, the pulling-in of the culvert pipelines was com-



pleted without a hitch. It took just under 5 hours to pull in the first string and the second one took less than 3.5 hours!

Extinguishing water pipeline for the construction of a new logistics centre in Switzerland

Dates for your diary

30 May to 03 June 2016

IFAT 2016,
Messe München,
Munich

Imprint

Issued by/Copyright:
European Association for Ductile
Iron Pipe Systems · EADIPS®/
Fachgemeinschaft Guss-Rohrsysteme
(FGR®) e.V.
Doncaster-Platz 5
45699 Herten/Germany
Phone: +49 (0)23 66/99 43 905
Fax: +49 (0)23 66/99 43 906
E-mail: info@eadips.org
www.eadips.org
Press date: 06 April 2016
Production: schneider.media

◆ The districts of Luterbach and Derendingen in Central Switzerland are extremely conveniently situated on the A1 and A5 motorways. The Schoeller Area, which has been used for industrial purposes for 150 years, lies on the border between the two districts. In order for space to be able to be created for the new hall of a logistics centre with the gigantic dimensions of 195 m x 97 m (l x w), old buildings were demolished. For the supply of extinguishing water to the hall, a new transport pipeline has been laid, designed as a parallel-running double DN 350 pipeline. For safety reasons, pipes in ductile cast iron were selected. In addition to other



superior material properties these have a very high static load-bearing capacity. 550 m of DN 350 ECOPUR type ductile iron pipes were installed with integral lining and coating of polyurethane (PUR) to EN 545. The entire length of the pipeline is designed to be thrust resistant with the proven vonRoll HYDROTIGHT restrained joint system.

