



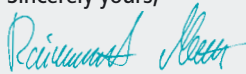
Editorial

Dear Readers,

In this February 2015 issue of the Newsletter I am reporting on the participation of EADIPS®/FGR® at the R+F TBU Tiefbautag 2015 trade fair in Nürnberg. There are also reports looking at the construction of a turbine pipeline, the laying of a new drinking water connection pipeline and the relocation of a sewer. Ductile iron pipe systems for the widest range of applications – simple, secure and sustainable.

Have an enjoyable and stimulating read

Sincerely yours,



Raimund Moisa



EADIPS®/FGR® at the R+F TBU Tiefbautag 2015 trade fair

On 16 January 2015 the R+F TBU Tiefbautag 2015 trade fair for civil engineering was held at the Nürnberg Exhibition Centre. More than 2,000 guests took up the invitation to attend.

◆ EADIPS®/FGR® itself and many of its Full Members were represented with their own exhibition stands. Mr Karlheinz Hartmann, the Managing Director of R+F TBU GmbH and Mr Martin Schulze, Regional Manager for the Central and East region visited the EADIPS®/FGR® exhibition stand. As part of the trade fair for civil engineering and environmental technology, EADIPS®/FGR® participated with a presentation by Dr Jürgen Rammelsberg. An audience of around 100 listened to what he had to say on the subject of “The development of drinking water systems through the centuries”. It should be remembered that the impetus for the development of cast iron pipe systems came with industrialisation at the end of the 19th century. With R+F TBU Tiefbautag 2015, the Vertriebsgesellschaft für Tiefbau und Umwelttechnik mbH + Co. KG company organised a successful informative event.

Home-produced power for processing home-grown wood – Baron Mayr-Melnhof-Saurau backs energy independence

◆ With the Gössbach 1 power plant constructed in 2014, Baron Franz VI Mayr-Melnhof-Saurau has implemented a project which is entirely oriented around self-sufficiency in energy. The power produced is used exclusively for the sawmill located in Leoben. One consideration when building the power plant was the sustainable use of the eco-

logical resources of the forest estate. The choice of piping material for the 2,330 m long turbine pipeline for the Gössbach 1 power plant went to ductile cast iron. Great importance here was attached to ecological criteria, such as the construction method for example which enabled excavation material to be reused as pipe bedding material and

also the recycling capability of the pipes without any loss of quality. DN 800 ductile iron pipes with zinc coating and an epoxy finishing layer, K 9 with BLS® or TYTON® push-in joints were installed. The pipes are lined with Portland cement mortar.



Ductile sewer pipes for the new inner-city motorway construction in Berlin



◆ Extending the Berlin BAB A 100 autobahn will enable the districts of Treptow and Neukölln to be linked. This will close a significant gap between the East and West sides of the city and a considerable easing of the traffic situation is to be expected. The production of a completely new section of motorway in a densely

built-up metropolis is a major challenge in urban planning terms, but all the construction processes are to be coordinated in such a way that the traffic will scarcely be affected. The new section of motorway will run partly above ground and partly underground – an impressive feat of engineering. Numerous existing pipe-

lines will need to be relocated and reconstructed. In the area of Dieselstraße in Neukölln it was necessary to move a DN 800 gravity sewer, over which a major part of the heavy-duty construction site traffic would later be routed. In this instance Berliner Wasserbetriebe decided to go for 100 m of DN 800 sewer pipes in ductile cast iron to EN 598. The robust, high-strength pipes are lined with high-alumina cement mortar and are easy to assemble with the TYTON® push-in joint. The pipe manufacturer provided evidence of the stability of the pipes when laid at a relatively shallow depth. Using cast-iron manhole connectors, the ductile iron pipes were flexibly and securely connected to the manholes.

DN 500 drinking water connection pipeline from Mainz-Amöneburg to the Wiesbaden-Schierstein waterworks

Dates for your diary

19–20 February 2015

29th Oldenburg Pipeline Forum, Oldenburg

24–27 March 2015

WASSER BERLIN INTERNATIONAL 2015, Berlin

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◆ Hessenwasser GmbH & Co. KG planned to construct a DN 500 drinking water connection pipeline between Mainz-Amöneburg and the waterworks at Wiesbaden-Schierstein, incorporating an existing DN 500 pipeline belonging to ESWE Versorgungs AG. The planned drinking water connection pipeline in ductile cast iron – DN 500, PFA = 10 bar – would connect up to an existing DN 500 drinking water pipeline belonging to the Mainz public utilities in Mainz-Amöneburg. The 3.6 km long route of the new pipeline runs across public land for the most part. At a number of points it needs to cross railway tracks and structures in road areas. Because of some quite particular operating conditions, the client



decided to install vonRoll ECOPUR full-protection pipes in ductile cast iron with a reinforced coating to EN 545 in one approximately 200 m section. The vonRoll ECOPUR push-in pipes are fully protected with a non-porous internal and external coating of polyurethane (PUR) and can therefore be used even in highly aggressive soils.



Sustainably superior –
ductile iron pipe systems