



Technical Tour

Regional Water System:

Aqua Domitia program and the Rhône waters transfer structures

Places: Mauguio, Nîmes, Fourques, Bellegarde

Date and time slot: Friday, 16 October, 2015, 09:30-17:00

Target public: addressed to all participants of the Conference

Accessibility: 50€

Organizer: BRL, the Languedoc-Roussillon Regional Water System concession-holder and the asset manager in charge of modernizing and extending the water system (Aqua Domitia program).

Description:

Aqua Domitia: a major project to secure water supply in the Languedoc-Roussillon Region

The Aqua Domitia program is the most important project for the extension of the Regional Water System since its creation. It provides nearly 150 km through buried pipelines as a second resource to guarantee the long-term satisfaction of the water needs of about one hundred towns between Montpellier and Narbonne in a sustainable manner. Its implementation within the framework of the Regional Public Water Service, launched by the Languedoc-Roussillon Region in 2011, aims to reconcile economic development and environmental protection. It is composed of 6 links (Maillon Sud, Maillon Nord and Ouest Montpellier, Maillon Nord Gardiole, Maillon Biterrois, Maillon Littoral Audois and Maillon Minervois).

During the visit the participants will discover one of the projects in progress on the South Montpellier link. It concerns the creation of a new pumping station on the site of la Méjanelle (Mauguio). This station will allow the pressurization of the entire Aqua Domitia project.



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Key-pieces of the Regional Water System:

The Rhône waters transfer structures are key-pieces of **the Regional Water System**, owned by the Languedoc-Roussillon Regional Council, designed and managed by BRL.

During the visit, the participants will discover **the intake structure**, equipped to take up to 75m³/s from the Rhône River, and the **Aristide Dumont station**, the most important of 80 pumping stations which puts pressure on the network. Equipped with 9 pumps of 2 to 7m³/S, this structure helps to raise the water from the Rhône and to transfer it into the Philippe Lamour canal to serve the 60 km of plains and littoral zone up to Montpellier, and into les Costières canal, then into Campagne canal to serve the Nîmes region on 26 km.

Interest of the sites: designed and managed by BRL, the structures of the Regional Water System play a major role in the economic development of the Languedoc-Roussillon Region. They protect the territories they supply from droughts and provide for the future capacity to reduce the pressure on local weakened resources, through the provision of alternative resources with high capacity for renewal.



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Program:

9:30: departure by bus from the Corum (Montpellier)

10:00: presentation of the Aqua Domitia program / Visit to one of the projects in progress (Mauguio)

11:30: departure to BRL headquarters (Nîmes)

12:00: lunch at BRL

13:00: departure for the visit to the Rhône waters transfer structures

Visit of the intake in Fourques (Gard) near Arles. Visit of Aristide Dumont pumping station in Bellegarde (Gard). Presentation of the remote monitoring system managed by BRL. Overview of Philippe Lamour canal.

17:00: return to Montpellier