

This seminar, thanks to French experience, acquired particularly in large cities like Toulouse, will enable the participants to :

- Learn the integrated approach methods to urban drainage, the diagnosis of existing systems and the preparation of investment and management methods of drainage services
- Draw up technical and financial specifications for projects
- Learn the different techniques for communication and control for work and services that are sub-contracted

This course will also improve the participants knowledge of the constraints of the private sector as the public one, and their understanding of how each one operates, which is vital for success of common projects

### Organization

[Virginie Pac](#)  
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### Coordination

**Martin SEIDL**  
LEESU/H2O

### Inscriptions

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### Targeted audience

Managers for the water, sewage and drainage, political, technical and administrative decision-makers

### Monday 23<sup>rd</sup> June

■ 9h30 **J-Olivier LAVAL** PFC-Metrattech

Opening of the seminar

■ 10h00 **Arnaud COURTECUISE** Agence de l'Eau Artois-Picardie

Water management and economic tools

### Tuesday 24<sup>th</sup> June

■ 9h30 **Martin SEIDL**

Wastewater

■ 14h00 **Martin SEIDL**

Wastewater treatment

### Wednesday 25<sup>th</sup> June

■ 9h30 **Sam AZIMI** SIAAP

Daily management of wastewater treatment plant

■ 14h00 **Arnaud COURTECUISE**

Management of the public service of water and cleansing

### Thursday 26<sup>th</sup> June

■ 9h30 **Géraldine AUBERT** Agence de l'Eau Artois-Picardie

The European Directives and its contents in term of economic analysis and characterization of the water uses

■ 14h00 **Géraldine AUBERT**

French laws about water

### Friday 27<sup>th</sup> June

■ 9h30 **Martin SEIDL**

Collective treatment of wastewater (1) : traditional techniques

### Monday 30<sup>th</sup> June

■ 9h30 **Vincent ROCHER** SIAAP

Collective treatment of wastewater (2) : alternative techniques "extensive"

### Tuesday 1<sup>st</sup> July

■ 9h30 **Martin SEIDL**

Network of urban sewerage, dimensioning

Management of wastewater structure

■ 14h00 **Vincent ROCHER**

Wastewater treatment and micro-contaminants : chemical one and micro-organisms

### Wednesday 2<sup>nd</sup> July

■ 9h30 **Martin SEIDL**

Technical visits

### Thursday 3<sup>rd</sup> July

■ 9h30 **Martin SEIDL**

Alternatives techniques of rain water management : principles and interest, applications and examples

■ 14h00 **Martin SEIDL**

To treat to re-use?

### Friday 4<sup>th</sup> July

■ 9h30 **Martin SEIDL**

Clean-up operations

■ 16h00 **Jean-Olivier LAVAL**

Evaluations and closing of the seminar

Workdays end at 5:30 pm

This seminar takes place in Maison des Ponts 15 rue de la Fontaine au Roi 75011 Paris