



20 - 22 February  
**IWLHS 2013**



## **International Workshop on Hydraulic Design of Low-Head Structures**

20 - 22 February 2013  
FH Aachen University of Applied Sciences  
Bayernallee 9, Aachen/Germany

### **Technical tour**

Friday, 22 February 2013 (full day)

2. Destination (afternoon):



Co-financé par l'Union européenne  
Réseau transeuropéen de transport (TEN-T)

#### **4th Lanaye lock and Lixhe fishpass (Belgium)**

(Presentation & detailed visit of the construction area)



Photo: SPW-Direction de l'Édition

The Lanaye lock complex is a strategic intersection in the Western Europe inland waterways network. Located on the Belgium – The Netherlands border, it is the only connection point between French and Belgian waterways network on one side, and Dutch, German and Central Europe waterways network on the other side.

Beside the 3 existing locks, which have been built during the 60s, a new 225 m long and 25 m wide lock is under construction to enable 9000 tons ships to cross the 13.68 m high chute. This 4th Lanaye lock will ease the congestion of the so called Lanaye plug, facing for years a continuous increase in traffic.

At the moment, digging operations have been completed for both the lock and the power plant, and lock walls are under construction. Rehabilitation operations of the existing locks are also currently undertaken.

The Lixhe fishpass has been built in the framework of the Saumon 2000 project, aiming at reintroducing salmon and sea trout in the Meuse basin. This stepped pools structure is located beside the Lixhe mobile dam and powerplant on the Meuse river, with a maximum chute of 7.5m.

More information (in French) can be found [here!](#)

*Don't forget to bring suited shoes! Helmets and safety jackets will be provided!*