



Large installations      Safe      Compact      Eco-friendly

## Blocks Series 1000

### 24,000 m<sup>3</sup>/day

Raw water origin : Karstic

Drinking water



## SAINTES, France (17)

5 blocks 20 modules INEA™ AC1125

2007

• **The water :**

**Turbidity** : 5 to 100 NTU  
**Iron** : < 0,05 to 2 mg/l  
**Manganese** : 0,05 to 0,3 mg/l  
**T** : 5 to 25°C  
**pH** : 7 to 9,7  
**TOC** : 3 to 8 mg/l

• **Treatment objectives:**

Elimination of iron, manganese, turbidity, organic material and microbiological retention.



- Water softening
- Turbidity removal
- Elimination of tastes, odours and colours
- Elimination of micro-pollutants (pesticides...)
- Santisation (bacteria and viruses removal)
- Minimisation of chlorination of water network

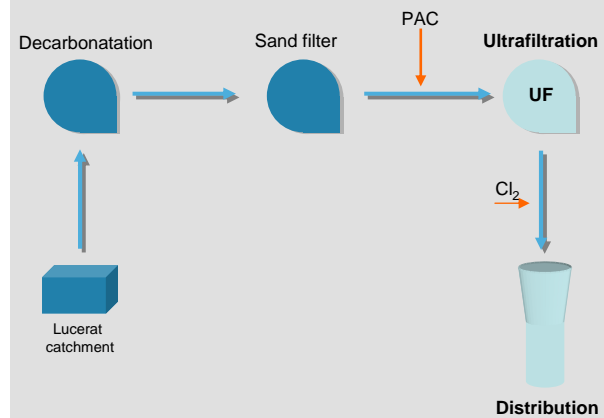
• **The system :**

Ultrafiltration module INEA allows the production on average, at 20°C, of 12 m<sup>3</sup> of water per hour.

The flow rate at the station is in total 1 200 m<sup>3</sup>/h.

In 2000, the city of Saintes began consideration of how to ensure the distribution of water that complied with the new legal standards on drinking water quality.

The result was the plant at Diconche, which supplies the 33 000 inhabitants of Saintes and the surrounding area, as well as 97 250 attached to the Charente-Maritime Water Union. At least 3 million cubic meters of water are produced each year.



Partnership

