



Large plants      Safe      Compact      Eco-friendly

**Blocks Serie 300 and Serie 1000**  
**25,000 m<sup>3</sup>/day**  
 Raw water origin : surface



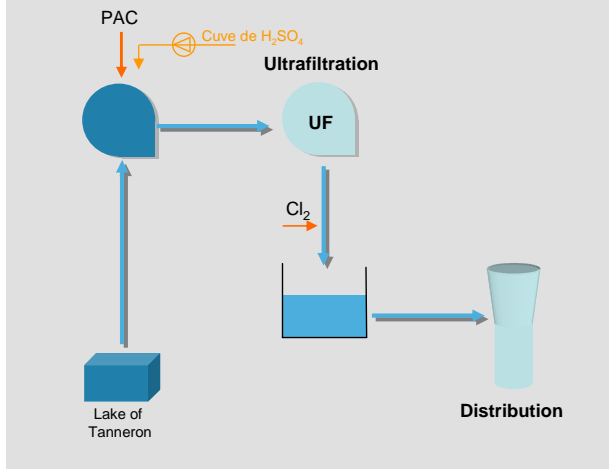
## APIE, France (06)

**5 blocks of 20 modules INEA™ AC 364**  
**8 blocks of 20 modules INEA™ AC1125**

The ultrafiltration plant at l'Apié has been built to respond to essential needs: the doubling of drinking water consumption during the summertime period and the development of the region which has driven an increasing need for water.

The water accumulated by the Tanneron dam is piped to the treatment plant situated in the Peymeinade commune.

This station supplies the entire Cannes-Grasse region.



**Partnership**

### 1995 & 2004

• **The water:**

**Turbidity** : 0.38 to 6.20 NTU  
**Iron** : 50 to 170 µg/L  
**Manganese** : 20 to 100 µg/L  
**T** : 14 to 18 °C

• **Treatment objectives:**

Elimination of turbidity, organic matter, microbiological retention and metals treatment.



• **The system:**

The AC1125 Ultrafiltration module has a membrane area of 125 m<sup>2</sup> and is integrated in the Ultrazur 450 unit.

Its average flow rate at 20°C is 12.5 m<sup>3</sup>/hr.

The AC364 Ultrafiltration module has a membrane area of 64 m<sup>2</sup> and integrated in the Ultrazur 300. Le module d'Ultrafiltration AC364 à une surface filtrante de 64 m<sup>2</sup> et est intégré dans le bloc Ultrazur 300.

Its average flow rate at 20 °C is 6,4 m<sup>3</sup>/h.