Title: Portopiccolo Sistiana (Trieste, Italy)
Photo: © Clivet
Commissioning: 2015
Building type: Multipurpose: residential and touristic village (houses, restaurant, shops, hotel)
Heat source: Sea water (Oceano-thermal WSHP System)
Heat pump type: 17 water-to-water reversible heat pumps by Clivet + 611 terminal units by Clivet
Service: Heating, cooling and domestic hot water
Source temperature: ground water temperature is more or less constant throughout the year at around 13°C. Sea water temperature varies from 9°C in winter to 28°C in summer.
Supply temperature: 7°C for chilled water and 40°C for hot water
Heating capacity: 2.2 MW
Cooling capacity: 4.4 MW