

Country

France (Réunion island)

Client

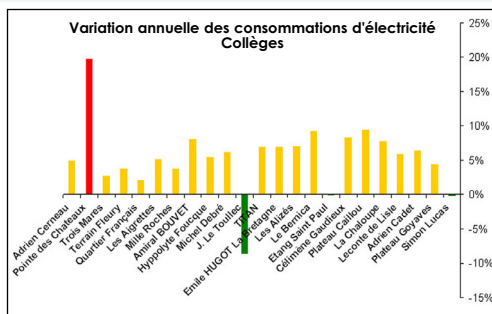
Département de la Réunion,
Direction du Patrimoine

Date

2006-2008

Sogreah's services

- Programming and assistance to the Owner



Description of the project

Programming and assistance to the Owner in drawing up an energy master plan for the department's buildings.

Sogreah-SERT's role

- Assessment of the energy situation with respect to a representative sample of the various types of building and usage: an individual energy assessment was performed at 43 administrative sites and secondary schools.

- Buildings concerned: The 20 largest administrative sites in the department (regional office, district offices, miscellaneous administrative buildings, museum, library, departmental archives, etc.) and 23 secondary schools (with and without kitchens, located throughout the department), making a total of 43 sites with an average surface area of 5000 m².
- Measurement campaigns (over 50 recordings made). These revealed that definite energy savings could be made, in particular during periods when

the buildings are not in use (during holidays in the case of schools, or over the weekend).

- Proposals concerning possible measures to be taken in existing and future buildings in order to optimise and control energy consumption in the short and long terms. 24 pragmatic measures were put forward.
- Identification of opportunities for using renewable energy (solar photovoltaic, thermal and fuel wood).
- Formalisation of the plan of action finally adopted by the department in the form of a master plan.