

<b>project name</b>	Water And Power For “Kenka Kley” Farm		
<b>client</b>	Estancia Kenka Kley S.A., Mariano Roque Alonso (Paraguay), Mr. Haertl, Martinsried (Germany)		
<b>location</b>	Estancia Kenka Kley, Department of Boquerón (Paraguay)		
<b>project duration</b>	begin	december 1999	
	end	may 2000	

In semiarid Paraguayan Chaco with temperatures of 45°C (113°F) reliable water supply is crucial for cattle farming.

The cattle farm “Kenka Klei S.A.” is located 80 km (50 miles) away from power lines counts and with 12,000 head cattle and extends over 28,000 hectare (70,000 acre).

The farm possesses various drilled wells exploiting the transborder aquifer system Yrendá. The groundwater is characterized by high sodium sulfite and chloride contents and ideal for cattle watering but requires special attention for corrosion resistant martials.

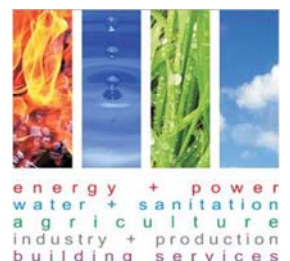


photovoltaic rack for solar pump

**responsibilities**

feasibility study and design for water and off-grid power supply, with following features:

- water capture from drilled deep wells
- photovoltaic solar pumps for water transport



**photographs**



cattle's drinking well

featured projects