



## Solar Thermal Installation Spain

Information about the Linie-e guided tour through the solar thermal installation Puerto Errado 2 (PE2) in Spain

### Context

The solar thermal installation Puerto Errado 2 (PE2) is located in the South of Spain in a community called Calasparra in the region of Murcia. Solar radiation here is high, enabling an efficient use of solar power. The solar thermal installation Puerto Errado 2 started production in 2012. The majority of the installation is held by EBL from Liestal (Switzerland). The Swiss utilities IWB, ewz, EKZ and ewb as well as the technology company Novatec Solar are also shareholders.

### Installation

The technology used by the Puerto Errado 2 project is fascinating. Approximately 280'000 m<sup>2</sup> of mirrors are separated into 28 solar-panel lines of 900 m length each. The solar panels follow the position of the sun and focus the reflected sunlight onto receiver pipes, heating the water running through these pipes. This results in high temperature steam (270° C), which is converted into electricity by two steam turbines with attached power generators. Puerto Errado 2 produces approximately 50 million Kilowatt-hours (kWh) of green energy per year, delivering enough power for about 15'000 average households.

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## Organisation

### Parameters of the event

Duration:	2 - 3 hours	Cost:	
Group size:	max. 10 people	Per group	150 CHF
	Parallel tours are possible.		
Infrastructure:	Visitor room, cafeteria, bathrooms		

### Special remarks

- Linie-e only organises the tour through the installation. Transfer and accommodation are the responsibility of the visitor.
- We recommend a direct flight to Alicante, followed by travel with a rental car. Detailed recommendations can be provided at your request.

## Map and Directions

Address:

TuboSol PE2, S.L.  
Carretera RM 714 KM 34.8 Norte, Puerto Errado s/n  
E -30420 Calasparra (Murcia)

Detailed directions will be communicated at the time of booking.

