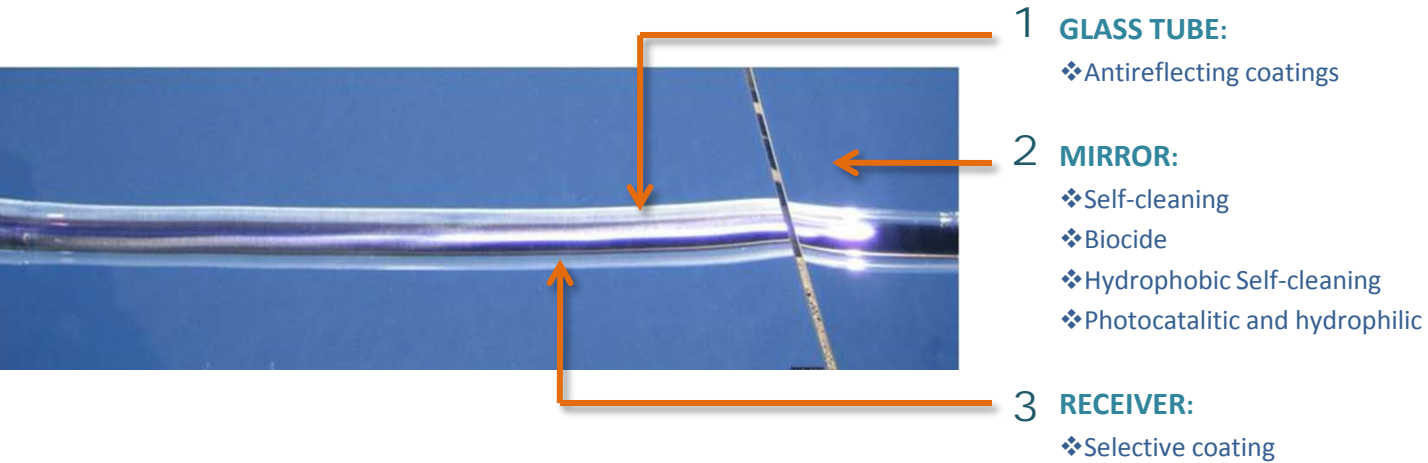


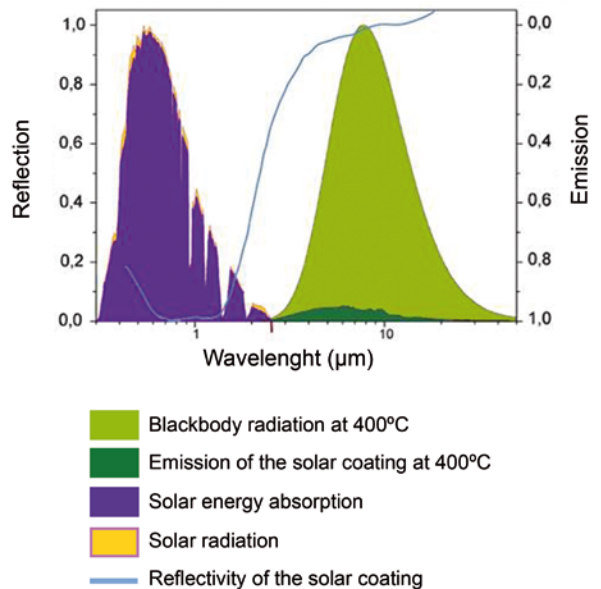
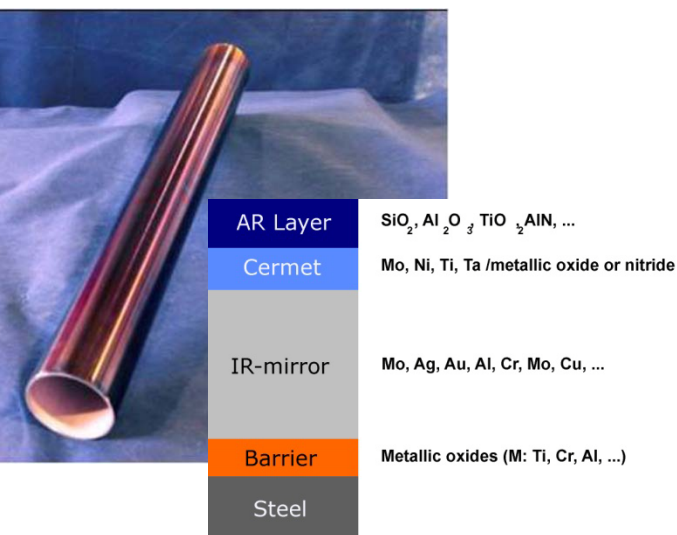
## COATINGS

We are specialist in research and development of **thin films** applied to different parts of **solar thermal collectors** in order to improve the performance of the whole system. Our activity is mainly focused on increasing collector yield and decreasing manufacturing and maintenance cost.

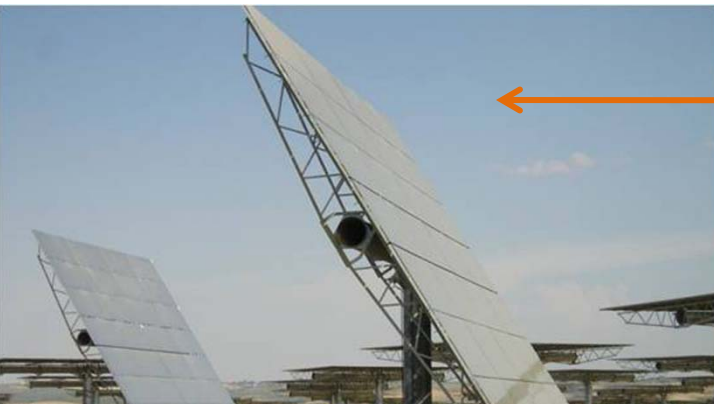
### Different coatings for main PARABOLIC TROUGHS ELEMENTS:



### 3 SELECTIVE ABSORBING COATING of solar receiver



## 2 Proposed coating/Multifunctional coating for SOLAR COLLECTORS



### MIRROR:

- ❖ Self-cleaning
- ❖ Biocide
- ❖ Hydrophobic Self-cleaning
- ❖ Photocatalytic and hydrophilic

### SUPERHYDROPHILIC GLASS (1)

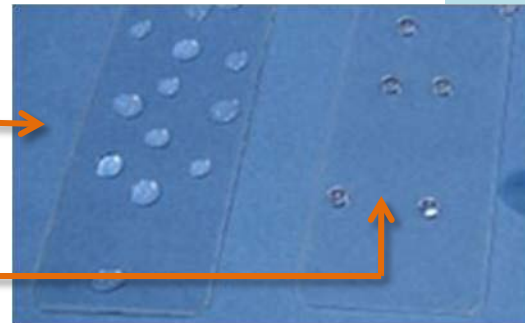


(1) Multifunctional coating; Self-cleaning (SUPERHYDROPHILIC) and photocatalytic properties synthesized in TEKNIKER by Sol gel Technique.

### SUPERHYDROPHOBIC GLASS (2)

UNCOATED

COATED



(2) SUPERHYDROPHOBIC GLASS with self-cleaning properties synthesized in TEKNIKER by Sol gel Technique.

## 1 ANTIREFLECTIVE GLASS by Sol gel developed in TEKNIKER

