



NEW STORAGE LATENT AND SENSIBLE  
CONCEPT FOR HIGH EFFICIENT CSP PLANTS



Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra

H2020 Grant Agreement N°:  
720985

**H2020 Grant Agreement N°.: 720985**

**Project acronym: NEWSOL**

**Project full title: NEW StOrage Latent and sensible concept for high efficient CSP plants**

### **Deliverable D2.3 - Specific scenarios**

#### **ABSTRACT**

In this deliverable, technological opportunities related to advances in CSP are discussed, namely in which markets has CSP its highest value considering not only radiation data but also by means of having specific local market incentives.

The location has a preponderate effect on the economics of a CSP plant since changes on the amount of solar radiation can alter significantly the economics of a plant for the whole Lifetime. Best regions in the World are located in Chile, Australia, South Africa and the Sun belt of the USA.

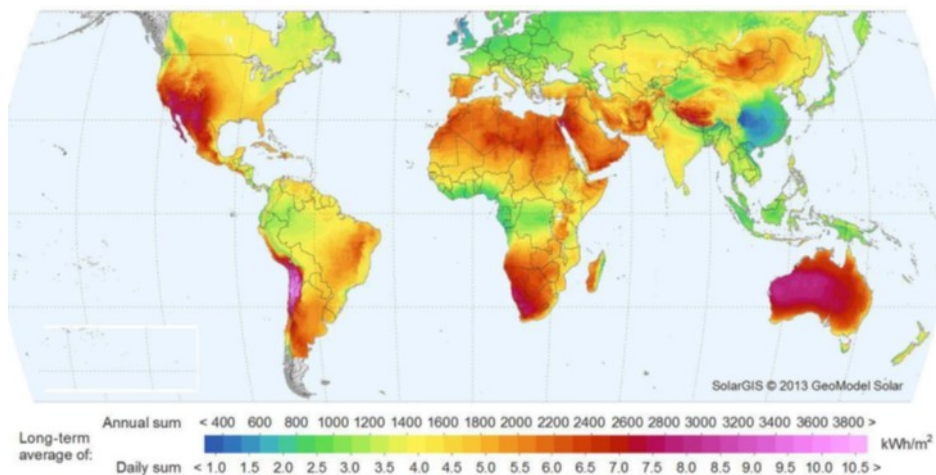


Fig. 1 – Solar Radiation Map Radiation Perspectives for CSP Market (Source: AT Kearney, 2011)

Market perspectives are presented and latest costs of a Tower type power plant are presented including a detailed cost breakdown.