

Third International Conference **CONSOLFOOD2020**

Advances in Solar Thermal Food Processing

22-23-24 January 2020

INSTITUTE OF ENGINEERING; UNIVERSITY OF ALGARVE; CAMPUS DA PENHA; FARO-PORTUGAL

**The challenges of everyday solar-cooking in
community**

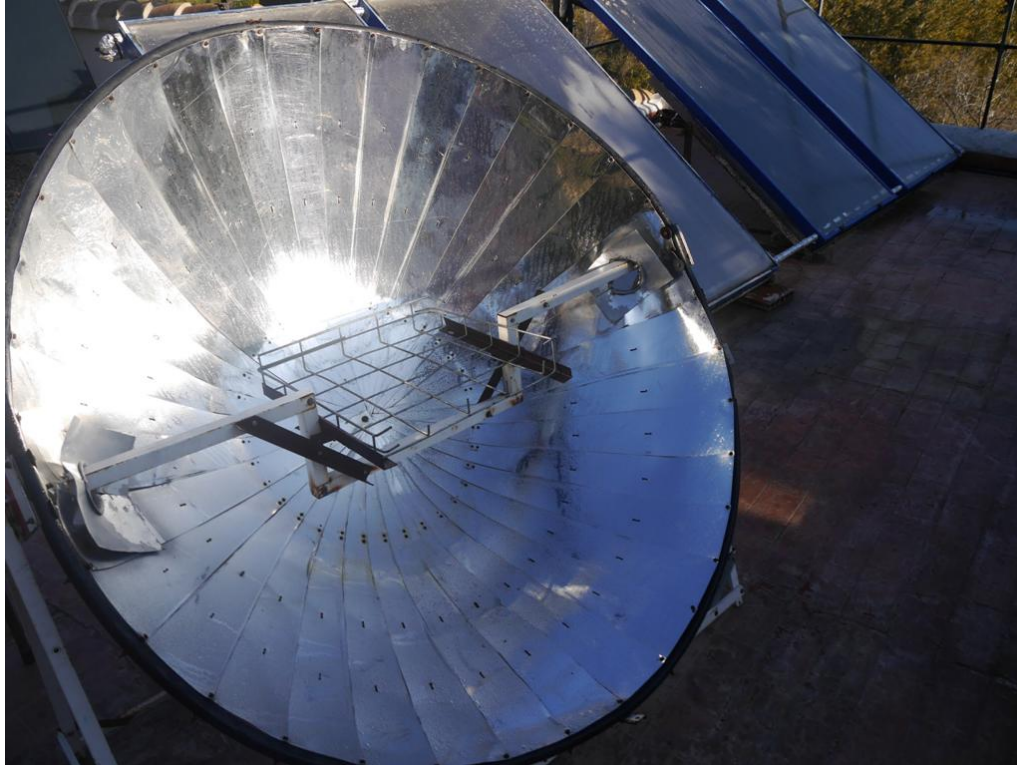
A. Fernández Torres, C. Karystinos, L. Herweg

**Sunseed Desert Technology
Los Molinos Del Rio Aguas; Spain**

DIY & Appropriate/Our solar cooking devices: A solar oven



DIY & Appropriate/Our solar cooking devices: A parabolic solar cooker



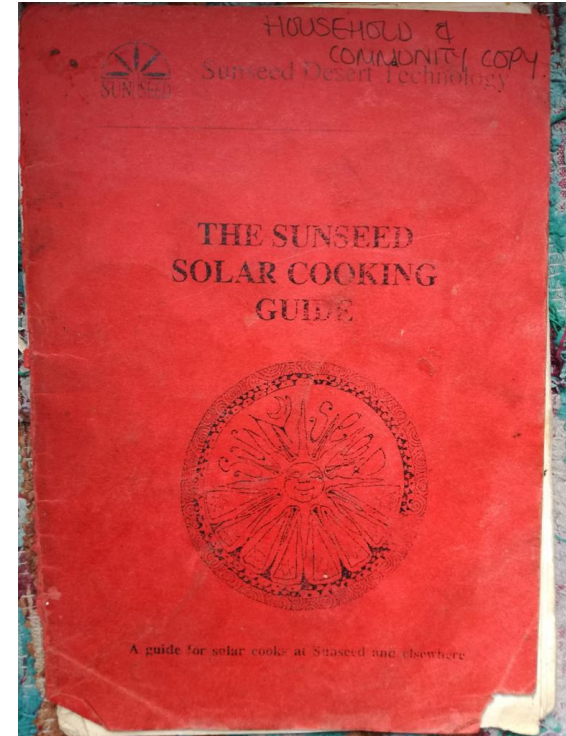
Challenges in the community



Sunseed Rota

Wednesday			3
Thursday	ALVA	AVENA	SYLVA
Friday	PETER	AVENA	SANTOS
Saturday	/	/	/
Sunday	/	/	SYLVA
Monday	COMMUNAL	PETER	NATHAN
Tuesday	LEE	AVENA	NATHAN

WEEKEND DUTY



What has worked: Haybox + Solar cooking



Bread & Solar cooking: Efficient for a community of volunteers ?



Thoughts & Questions:

We are living in one of the sunniest regions of Europe and try to use sustainable methods for our daily lives, but still struggle to use solar power to its full extent. What is missing? Education? Money? Time?

Basic obstacle for now: Time Management, Space, Routine

It is in our hands to educate the people about the proper use of Solar cooking, to spread the knowledge and promote a more sustainable way.