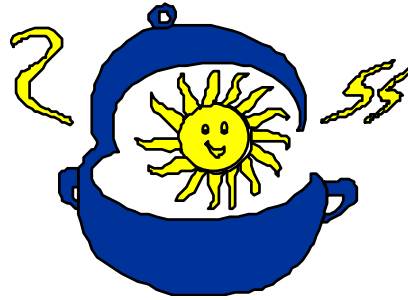


Solar Cooker Applications in Turkey



Çukurova University



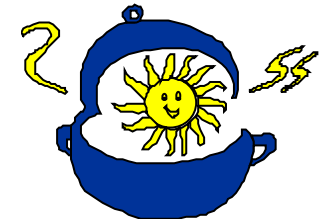
Solar Cooker International



Seyhan Rotary Club

Prof. Halime PAKSOY+Abdullah PAKSOY

Adana - Turkey



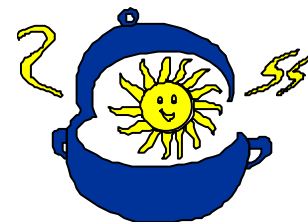
Kick Off

- April 2001: 60 Cookits from Canada
- May 2001: 3 experts from USA



Turkish Events w/ Solar Cookers

- Misis Rotary Community Center-Yakapınar Pilot Study Adana-Turkey
- Çukurova University Workshop, Adana-Turkey
- Adapazarı Rotary Club for Earthquake Disaster Management
- 7 Springs Park for Handicapped Children School Workshop, Adana-Turkey
- Besni Workshop, Adıyaman – SE Turkey
- Graduate Research Project on Parabolic Solar Cookers at Cukurova University



Some Pictures from Former Events



Ç.Ü. Workshop

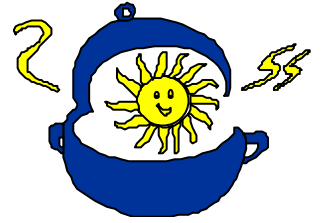


7Springs Park Workshop



Besni Adiyaman Workshop

More Delicious Pictures! 😊

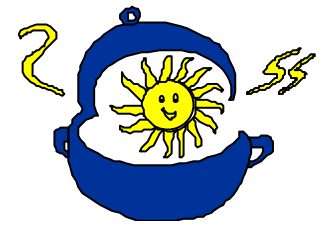


Dolma: Turkish Traditional Food



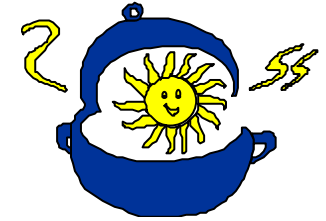
Future Rotary Matching Grant Projects on Solar Cooking

- Potential locations
 - Gaziantep, Turkey
 - Baku, Azerbeycan
 - Erivan, Armenia
- Contributors
 - Fresno RC, USA
 - Seyhan RC, Turkey



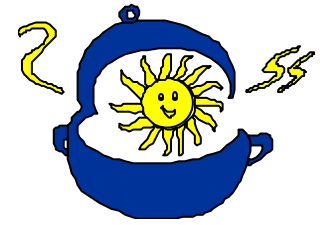
Some Basic Calculations

Average Turkish Family Population	4 person
Average Consumption of LPG in Kitchen	6kg/months
Average Daily LPG Consumption in a Single Family	0.2 kg/day
Model Time Period	June-July
Solar Cooker Usage Repetition in a Week	3 times/week
Solar Cooker Usage Repetition in a Month	12 times/month
LPG Conservation for a single family	2.4 kg/month (average saving rate is 40%)
Economic equivalent of conservation	5 USD/month/single family house
Environmental equivalent of conservation	7.5 kg CO ₂ /month/single family house



Benefits

- 1300 solar cookers distributed since 2001
- Total Economic Conservation: 50% use
650 solar cooker usage X 5 USD/month/single family house
3250 USD
- Total Environmental Conservation:
650 solar cookers X 7 kg CO₂ /month/single family house
4550 kg CO₂



For More Information:

Please Visit

<http://cevre.cu.edu.tr/solar/1.htm>