Cooking with the Sun...
Cheap, clean and forever.
Principle of working of Scheffler Community Solar Cooker
Plans for the “Cookit” on the internet at www.solarcooking.org
More than 2.5 billion people still cook with wood, brush and dung.
1.5 million respiratory deaths per year are caused by indoor smoke.

--W.H.O.
Safe Drinking Water

• 2 million children die each year due to drinking contaminated water.

• Families with limited fuel will cook their food rather than purify their drinking water.
Charcoal is not the solution.
• 5-7 kilos of wood are needed to make one kilo of charcoal.

• The UN’s Food Security Assessment Unit reports that the charcoal trade is the greatest cause of desertification in many African countries.
NASA solar insolation map showing abundant sunshine 30 degrees north and south of the equator.
3 types of solar cookers
Solar Box cookers
Building solar box cookers. FAO project in Yemen 1989
Sun Oven
Solar Oven Society Sport Oven
Made from recycled soda bottles
The Villager solar/gas oven can bake several hundred loaves of bread per day.
Baking fish in Morocco with a solar-gas hybrid cooker developed by California-based Sun Smiles.
Building Moroccan solar hybrid box cooker
Back-up gas supply built into hybrid solar cooker
Vendors cooking fish at the beach with the sun.
Very portable.
Solar Panel Cookers
Darfur Refugee women have made more than 40,000 Cookits
The HOT POT
Developed by Solar Household Energy and manufactured in Mexico
Parabolic Solar Cookers
Locally produced mirrored parabolic cookers in Chile
Solar parabolic cooker
Mt. Everest Nepal.
Egypt’s first solar kitchen at El Sherouk Farm near Alexandria.
Solar kitchen
Indore, India
Indoor solar cooking
Parabolic dish reflecting sunlight on an iron heat storage unit.
Rolled indoors at night the storage unit is used for cooking and to heat the house.
Large-scale, Scheffler, roof-top parabolic solar cooker system in India
Mt. Abu facility cooks 30,000 meals per day with solar generated steam.
Parabolic Butterfly solar cookers in China
Cooking in Bangladesh after a flood
Why not have less of this.....
and this.....
And this.....
And more of this.....
and this.....
and this.....
And this!