

Desalination of Saline Water through Solar Energy

Potential of the Technology

- Revolutionary innovation
- Can change the lives of millions of people for better
- Will convert --% of saline ground water into sweet
- Very cost effective solution
- Humans, livestock and crops in saline affected areas will benefit
- Extremely beneficial affects on health
- Complete package of livelihood improvement

Why Purification of Water by Solar Desalination

- Can purify 1200 liter saline water into drinkable per day
- Sufficient quantity for human consumption, domestic use, stock and small kitchen garden
- Easy indigenization of technology
- Huge potential for development of Coastal Area

Implementation Strategy

- Technology will be imported from Australia
- It will be indigenized and offered to potential entrepreneurs across the country
- PARC will improve the size and efficiency of the technology
- PARC is in the process of importing and demonstrating the technology in – weeks
- Cost as low as \$ 450 for 25-50 liter/day for domestic and \$ 4500 for 800-1000 liters/day for commercial unit

Possible Impacts

- Good Quality Drinking water for
- Human Drinking
- High Value Agriculture
- Stock Water for livestock
- Health and productivity gains in marginal areas
- Marginal land utilization and land improvement
- Overcome water shortage

