EXPERIENCE OF FINANCING SOLAR COOKERS PROJECTS FOR FIFTEEN YEARS IN THE ANDEAN REGION OF SOUTH AMERICA

6th Solar Cookers International World Conference

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2000: Project start as an initiative of Bolivia Inti, a French nonprofit Association. Subsidies 75% of the total cost

- 2007: Projects in Bolivia and Peru started getting money from Voluntary Carbon Market
- 2013: economic crisis in Europe, availability of funds for subsidies have drastically reduced
Public and private organisations in France until 2011 – 2012.

Carbon credits from 2007, it was the main source of funding for 5 years.

International Cooperation and privat sector in Bolivia, National ressources in Chile.

Direct sale with no subsidy (very reduced)
CARBON CREDITS

- Voluntary Market, micro scale project less than 5000 tCO2/year
- Main source of funding for 5 years
- Overestimation of ER
- Changes in the price of CO2
- Monitoring cost
COST - METHODOLOGY

Workshops – Capacity Building

Construction

Education

How to use it

Demonstración, testing
Methodology

Following up

Monitoring
NEW BUSINESS MODELS

- Sales of solar cookers without subsidy for domestic and productive usage (restaurants, food processing and others).
- Microcredit could be an option.
NEW BUSINESS MODELS

- Capacity building on food processing using solar energy,
- Adapt the technology to different needs and process
NEW BUSINESS MODELS

- A small portion of the price of the sale could be used to subsidize solar cookers for people who cannot afford the hold price.
- Local financial mechanisms of compensation of CO2 emissions.
**CONCLUSIONS**

- Solar cookers is a solution for communities in isolated areas where the access of fuel is difficult and expensive as those people cannot always afford the full price of solar cookers.
- Appropriation and adoption of a solar cooker requires a training, education and a follow-up process to the beneficiaries and this increases the cost.
- Carbon credits can be a funding source to subsidize the price of solar cookers. But: incertitude, very time consuming process, costs have to be taken into account.
- The demand of solar cookers for sale without subsidies is still pretty small.
Thank you

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