

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

6<sup>th</sup> Solar Cookers  
International World  
Conference

Rocio Maldonado  
Bolivia Inti Sud Soleil



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# HISTORY

- ✖ 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





# SOURCES MONEY TO FINANCE

- ✘ 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 tCO<sub>2</sub>/year
- ✖ Main source of funding for 5 years
- ✖ Overestimation of ER
- ✖ Changes in the price of CO<sub>2</sub>
- ✖ 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 subsidy solar cookers for people who cannot afford the hold price.
- ✘ Local financial mechanisms of compensation of CO<sub>2</sub> emissions.



# CONCLUSIONS

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- ✘ 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

Rocio Maldonado  
Bolivia Inti Sud Soleil  
[maldonado.rocio@gmail.com](mailto:maldonado.rocio@gmail.com)

