

# Solar Cooker Project

Thuwa Tsang ཐུ་འཇམ་མཚོ་མོ་ & Agong Chunwa ཨ་གོང་ཆུང་འབྲུག་ Tibetan Villages

Jinyuan གཤེར་གཞུང་ Tibetan Autonomous Township

Hualong དཔའ་ལུང་ Hui Autonomous County

Haidong མཚོ་གསལ་ Region

Qinghai མཚོ་སྐོན་ Province

*the People's Republic of China*

## FINAL REPORT

to

Winnie Au, Anne Chalmers, Bob Craft, Bob Eordman, Brian Krung, Elena Villanueva, Heather Auyang, Hiromi Koynma, Jack Krakower, Jeanne Hansel, Jillian Stephens, Karen Brooks, Lillian Basile, Marco Ghattas, Margaret Pfeiffer, Mark Seldes, Paul Francis, Raven Cohan, Reggie Wallace, Robyn Kravit, Shannan Catalano, Susan Nash, Susan Safer, Susan Weiss, & Tom Brose

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*from*

Shar Dzong ཤར་རྫོང་ Development Group & Lerjiater ལེ་རླུ་ལྷ་མོ་ (Aaron)

2007-7-15

# Summary

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## **What?**

140 Solar Cookers

## **Where?**

Thuwa Tsang & Agong Chunwa Tibetan Villages

Jinyuan Tibetan Autonomous Township

Hualong Hui Autonomous County

Haidong Region

Qinghai Province

PR China

## **Who?**

140 impoverished Tibetan households

(952 people)

## **Cost?**

Donor's Contribution = 12,373 RMB<sup>1</sup>

Local Contribution = 6,800 RMB

Aaron's personal Contribution = 30 RMB

Total project value = 19,203 RMB (cost per beneficiary = USD\$ 2.64)

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<sup>1</sup> USD\$1620 = 12,373 RMB @ 1USD\$ = 7.637RMB.

# Photographs

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Thuwa Tsang Tibetan Village is a remote mountain village. It is arid with long winters, short summers, frequent winds, little rainfall, and long hours of sunshine.



The road to the village is challenging.



Mr. Caihang (b. 1959) of Agong Chunwa Village has a family of eight. As the family head, he must stay at home during the season when medicinal herbs are collected to care for the children in his family. Before receiving a solar cooker, he made a fire to boil water and cook. Now, he uses the solar cooker to boil water and cook.



Ms. Limao Cairang (b. 1956) of Thuwa Tsang Tibetan Village has a family of six. The chunks of yak dung behind her are what she burns to make a fire. She told us that, thanks to her new solar cooker, she now uses one-third less yak dung than before.



Ms. Yangtso (b.1956) boils water with her new solar cooker. There are 3 people in her family. She estimates 7 minutes is required to boil a pot of water in summer when the sun is very bright.



Project manager Lerjiater, checks a solar cooker.

# Final Report

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1. **Project Title:** Solar Cooker Project for Impoverished Families in Hualong County.
2. **Location:** Jinyuan Township, Hualong County, Haidong Region, Qinghai Province.
3. **Applicants:** Lerjiater (Aaron) & Local Project Committee.
4. **Implement organization:** Project Committee & Shar Dzung Development Group
5. **Duration:** 3 weeks.
6. **Place of purchase of the cookers:** Liuji Solar Cooker Factory, Dahejia, Gansu Province.
7. **Supervisors:** Kevin Stuart PhD.
8. **Donor's Contribution:** 12,373 RMB.
9. **Local Villagers' Contribution:** 6,800 RMB.
10. **Aaron's Personal Contribution:** 30 RMB.
11. **Total value of the project:** 19,203 RMB.
12. **Beneficiaries:** 140 Tibetan families (952 people).
13. **Contact Person:** Lerjiater (Aaron)
  - **Email:** [aaronhualong@hotmail.com](mailto:aaronhualong@hotmail.com)/[aaronhualong@yahoo.com](mailto:aaronhualong@yahoo.com)
  - **Tel:** 13997483719
- Contact Person 2:** Dorji ཌོ་རྗེ།
  - **Address:** Awuju ཨ་ལུ་རྒྱུད། Village Primary School, Jinyuan Township, Hualong Hui Autonomous County, Haidong Region, Qinghai Province.
  - **Tel:** 13897717517
14. **Project start date:** June 6, 2007
15. **Project completion date:** 1 July 2007

# Project Participants

Name	Responsibilities	Occupation
Lerjiater (Aaron)	Project applicant, manager	University Student
Kevin Stuart	Project supervisor	English language teacher
Dorji ལྡོ་རྗེ།	Manager	Local Teacher
Pencu ཡུན་ཚོགས།	Manager	Villager
Zhaxi བགྲ་ཤིས།	Manager	Government official
Gedeng ཚེ་དབང།	Manager	Village leader
Mani མ་ནས།	Manager	Villager
Zhandeng དག་འབྲུད།	Manager	Local teacher
Tsehang ཚེ་དབང།	Manager	Villager
Dorji ལྡོ་རྗེ།	Manager	Villager

Dear All,

We are pleased to report the very successful completion of a solar cooker project for 140 impoverished Tibetan families in Thuwa Tsang & Agong Chunwa villages, Jinyuan Tibetan Autonomous Township, Hualong Hui Autonomous County, Haidong Region, Qinghai Province that was financed by Winnie Au and friends.

This solar cooker distribution project was completed July 1, 2007. This project greatly benefited 140 families (952 Tibetans).

You provided 12,373 RMB for this solar cooker project. We spent 11,968 RMB to purchase 90 solar cookers for 88 impoverished Tibetan families. One solar cooker cost 136 RMB. The total administrative cost was 133 RMB. Each family that received a solar cooker contributed 50 RMB as local contribution for this project which, in total, amounted to 6,800 RMB. This fund was used to purchase 50 additional solar cookers. All the solar cookers were distributed to Tibetan households in Agong Chunwa and Thuwa Tsang villages in Jinyuan Tibetan Autonomous Township.

The villagers who benefited from the solar cookers are very happy and very much appreciate your help and kindness.

On behalf of all the villagers from Agong Chunwa and Thuwa Tsang, we express our deep gratitude for your kindness and help.

Sincerely,

Shar Dzung Development Group & Aaron (Lerjiater)



Ms. Lharejie (b. 1961) of Agong Chunwa has a family of five. Only she collects fuel, such as the bushes behind her. She is sure she will collect fewer bushes and less yak dung, thanks to her new solar cooker.

## Project Activities

<b>2007</b>	<b>Participants</b>	<b>Activities</b>	<b>Expenses RMB</b>
June 6	Aaron	Wrote application	0.00
June 8	Dr. Kevin Stuart & Aaron	Project approved	0.00
June 9	Aaron	Contacted the solar cooker factory	6.00
June 10	Dorji	Informed villagers that that the project was approved	15.00
June 11	Dorji	Collected local contribution	15.00
June 12	Dorji	Collected local contribution	15.00
June 13	Aaron	Phoned the factory to decide date of transporting the solar cookers	4.00
June 14	Dorji, Aaron & village committee members	Selected the recipient families	35.00
June 15	Dorji, Aaron & village committee members	Transported the solar cookers and distributed the solar cookers to recipient families	30.00
June 23	Dorji, Aaron & village committee members	Transported the solar cookers and distributed the solar cookers to recipient families	23.00
June 24	Dorji, Aaron & village committee members	Visited recipient families, interviewed recipients and took pictures	20.00
July 1, 2007	Aaron	Wrote final report	
<b>Total</b>			<b>163.00</b>

# Project Background

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This project location in Jinyuan Township is located in the east of Hualong Hui Autonomous County, which is 200 km east of Xining City, the capital city of Qinghai Province, PR China. Locals are farmers who scratch out a living from the infertile soil of the surrounding mountains. All residents depend on non-irrigated fields and a few head of yak, sheep and goats per household. The village leaders estimate that village income averages between 250 and 300 RMB per person per year, earned mostly through collecting medicinal herbs and selling them to local traders. With such limited income, most households accumulate large debts.

The villages have little cultivated land. Irrigated fields are mostly sown to wheat, the staple crop of many local Tibetan villages, which is then used to make bread and noodles. Villagers grow potatoes, rapeseed, beans and barley on non-irrigated land. Barley is primarily used to feed livestock. Current wheat yields are so low that they do not meet a household's yearly needs; on average, each family purchases about 1,000 kg of wheat annually. Local wheat sellers and wealthier families have loaned wheat on interest. A 50 kg sack of wheat costs 118 RMB at current prices. This represents an average household expenditure for wheat of about 2,200 RMB per year.

## Financial Record for Donor's Fund

Item	Quantity	Unit Price	Total Price
Solar cookers	90 solar cookers	136 RMB/cooker	12,240
Administrative fee			133
Total			12,373

## Financial Record for Local Contribution

Item	Quantity	Unit Price	Total Price
Solar cookers	50 solar cookers	136 RMB/cooker	6,800
Total			6,800

# Receipts

90 solar cookers

**收 据**      No 1035351

入帐日期: 2007年7月1日

交款单位	全洲乡安联村	收款方式	现金
人民币 (大写)	壹万贰仟贰佰肆拾元正		
收款事由	购买太阳能		

② 收据

2007年7月1日

单位	财会	记	出	审	经
盖章	主管	帐	录	核	办

50 solar cookers

**收 据**      No 1035352

入帐日期: 2007年7月1日

交款单位	全洲乡安联村	收款方式	现金
人民币 (大写)	陆仟捌佰元正		
收款事由	购买太阳能		

② 收据

2007年7月1日

单位	财会	记	出	审	经
盖章	主管	帐	录	核	办

mgt. fee

**收 据**      No 1001339

2007年7月1日

今收到 太阳能项目管理费

人民币 (大写) 壹仟叁佰元正

133.00

收款单位      收款人 李永成



རྒྱ་མགོན་པོ་འཕགས་པ་	མངའ་བའི་རྒྱལ་སྐྱོད་ལྷན་ཁག་
འཕགས་པ་ལྷན་ཁག་	ལྷན་ཁག་གི་སྐབས་ལྷན་
རྒྱལ་སྐྱོད་ལྷན་ཁག་(ཆེན་པོ་)	རྒྱ་མགོན་པོ་(ཆེན་པོ་)
འཕགས་པ་ལྷན་ཁག་	བསོད་ནམས་ལྷན་ཁག་
རྒྱལ་སྐྱོད་ལྷན་ཁག་	དོན་འགྲུབ་ལྷན་ཁག་
རྒྱལ་སྐྱོད་ལྷན་ཁག་(ཆེན་པོ་)	སྐབས་ལྷན་ཁག་
སྐབས་ལྷན་ཁག་	གཞུགས་པ་ལྷན་ཁག་
དོན་འགྲུབ་ལྷན་ཁག་	དོན་འགྲུབ་ལྷན་ཁག་
བསོད་ནམས་ལྷན་ཁག་	ལོ་རྒྱུས་ལྷན་ཁག་
རྒྱལ་སྐྱོད་ལྷན་ཁག་	ཆོས་འཕེལ་སྐབས་ལྷན་ཁག་
སྐབས་ལྷན་ཁག་	ལྷན་ཁག་དོན་འགྲུབ་ལྷན་ཁག་
སྐབས་ལྷན་ཁག་	སྐབས་ལྷན་ཁག་
བསོད་ནམས་ལྷན་ཁག་	གཞུགས་པ་ལྷན་ཁག་
ཆོས་འཕེལ་སྐབས་ལྷན་ཁག་	དོན་འགྲུབ་ལྷན་ཁག་(ཆེན་པོ་)
རྒྱལ་སྐྱོད་ལྷན་ཁག་(ཆེན་པོ་)	རྒྱལ་སྐྱོད་ལྷན་ཁག་
སྐབས་ལྷན་ཁག་	འཕགས་པ་ལྷན་ཁག་
ཆོས་འཕེལ་སྐབས་ལྷན་ཁག་	རྒྱལ་སྐྱོད་ལྷན་ཁག་(ཆེན་པོ་)
རྒྱལ་སྐྱོད་ལྷན་ཁག་	རྒྱལ་སྐྱོད་ལྷན་ཁག་(ཆེན་པོ་)
སྐབས་ལྷན་ཁག་	སྐབས་ལྷན་ཁག་
ཆོས་འཕེལ་སྐབས་ལྷན་ཁག་	སྐབས་ལྷན་ཁག་
རྒྱལ་སྐྱོད་ལྷན་ཁག་	ཆོས་འཕེལ་སྐབས་ལྷན་ཁག་

མ་མཁོན་པོ་འཕགས་པ་ལྷན་ཁག་

07.6.15

~ अथर्ववेद	१	ॐ नमो भगवते वासुदेवाय	१
यजुर्वेद	१	ॐ नमो	१
संस्कृत	१	वसुधैव कुटुम्बकम्	१
संस्कृत	२	गणेशाय नमः	१
मंत्र	१	यः शिवं श्रुत्वा	२
संस्कृत	२	शिवं श्रुत्वा	२
ॐ नमो	१	वसुधैव कुटुम्बकम्	१
मंत्र	२	शिवं श्रुत्वा	१
संस्कृत	१	शिवं श्रुत्वा	१
संस्कृत	१	शिवं श्रुत्वा	१
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संस्कृत	१	शिवं श्रुत्वा	१
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संस्कृत	१	शिवं श्रुत्वा	१
संस्कृत	१	शिवं श्रुत्वा	१

वस्त्रोपकरणे	1	वेदिका
गर्भोपकरणे	1	द्वि
परपत्र	1	सु
सु	1	के
द	2	
वस्त्रोपकरणे	1	
परपत्र	1	
वेदिका	1	
वस्त्रोपकरणे	1	
सु	1	
वेदिका	1	
परपत्र	1	
वस्त्रोपकरणे	1	गणेश वावुराव वसुधाकर द्वे
वेदिका	1	



कुल: 15

20x15=300