

CEPA FAIR SIDE EVENT

BIO-GAS FOR SUSTAINABLE ENERGY & REVIVING COMMUNITY FOREST IN MYANMAR



Min, Junghee

SUMMARY

- **Target Area:**
Lonhaw Village, Gangaw Township, Magway Division, Myanmar
- **Beneficiaries:**
180 Households -900 villagers
(Chin ethnic groups)
- **Duration:**
Oct. 1st , 2013 ~ Sep. 30, 2014
- **Implementing Groups:**
Taung Zalatt Youth & Kalyana Mitta Foundation
- **Donor:**  사회의열매
사회복지공동모금회
Chest Community of Korea



PROBLEMS



Prolonged drought

Decreased Agricultural
Production

Increased households' debt

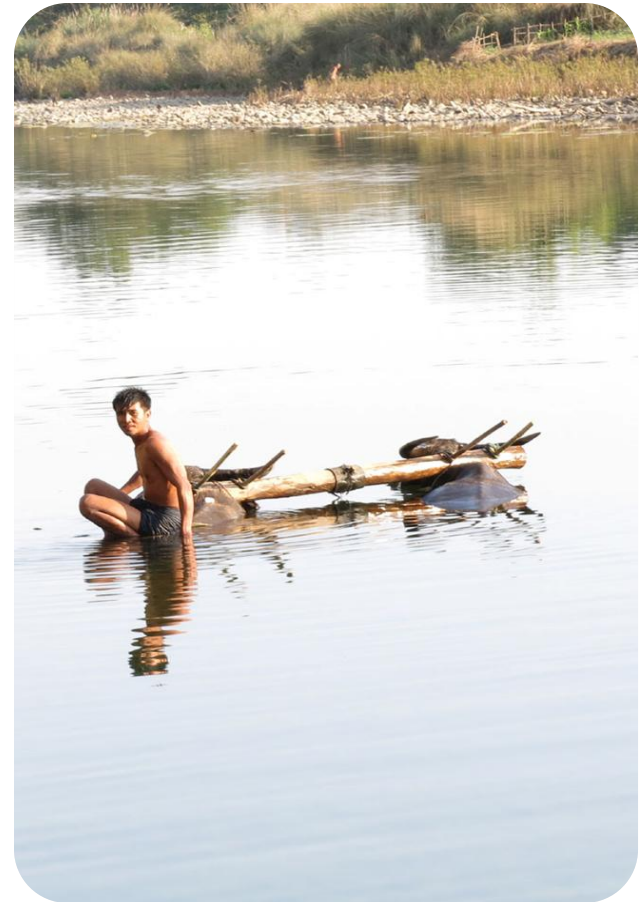
Woodcutting and selling
Wooden products
(Deforestation)

Underground Water loss

DISTRIBUTING ELECTRICITY

OBJECTIVES

- ▶ To provide electricity to the households in order to support education and social sectors of the village by reducing household's expense.
- ▶ To provide water for the whole village at lower cost.
- ▶ To use the animal waste in a strategic approach of biodynamic concept towards sustainable agricultural development for the community.



DISTRIBUTING ELECTRICITY

BUILDING A BIO-GAS PLANT



DISTRIBUTING ELECTRICITY

ELECTRICITY SUPPLY



DISTRIBUTING ELECTRICITY

PARTICIPATION

ACTOR		HAVE DONE
KMF	→	<ul style="list-style-type: none"> - provided experts, technology, skill - built a bio-gas plant and - installed generator
TLZ		<ul style="list-style-type: none"> - composed steering committee - mobilized villagers - installed power supply line - provided electricity for each house
Villagers		<ul style="list-style-type: none"> - donated the land - provide labor and cow manure
Steering Committee		<ul style="list-style-type: none"> - maintains the bio-gas plant and generator - monthly monitoring
Local Government		<ul style="list-style-type: none"> - supports budget for power supply line
Lotus World		<ul style="list-style-type: none"> - raised fund - monitoring and mid & final evaluation

DISTRIBUTING ELECTRICITY

OUTCOME – BIO-GAS PLANT



DISTRIBUTING ELECTRICITY

OUTCOME – ELECTRICITY SUPPLY



DISTRIBUTING ELECTRICITY

OUTCOME – WATER SUPPLY



ESTABLISHING COMMUNITY FOREST

OBJECTIVES

- ▶ To raise environmental concern of the community so as to conserve the local forest resource.
- ▶ To protect the forest from illegal logging and to use forest's products effectively and sustainably.
- ▶ To conserve the river basin, bio-diversity as well as forest quality through the participation of the communities by reforestation and community nursery.
- ▶ To create a good model of sustainable environmental management by protecting ecosystem and regulating on forest products consumption for neighboring communities.



ESTABLISHING COMMUNITY FOREST

PRA WORKSHOP



ESTABLISHING COMMUNITY FOREST

COMMUNITY NURSERY



ESTABLISHING COMMUNITY FOREST

COMMUNITY FOREST



ESTABLISHING COMMUNITY FOREST

COMMUNITY FOREST



THANK YOU!

... years ago.
... is now.

သစ်တော ပြုစုမှုကို လေးစား လိုက်နာပါ

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