

POSITIVE SPIN-OFFS WITH MOBILE ECOSAN TOILETS AND URINALS IN BURKINA FASO

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PRESENTATION OUTLINE

1. INTRODUCTION
2. THE MOBILE UNITS
3. THE FADA CASE STUDY
4. CONCLUSION



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1. INTRODUCTION



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CREPA = Regional Centre for low cost Water supply and Sanitation



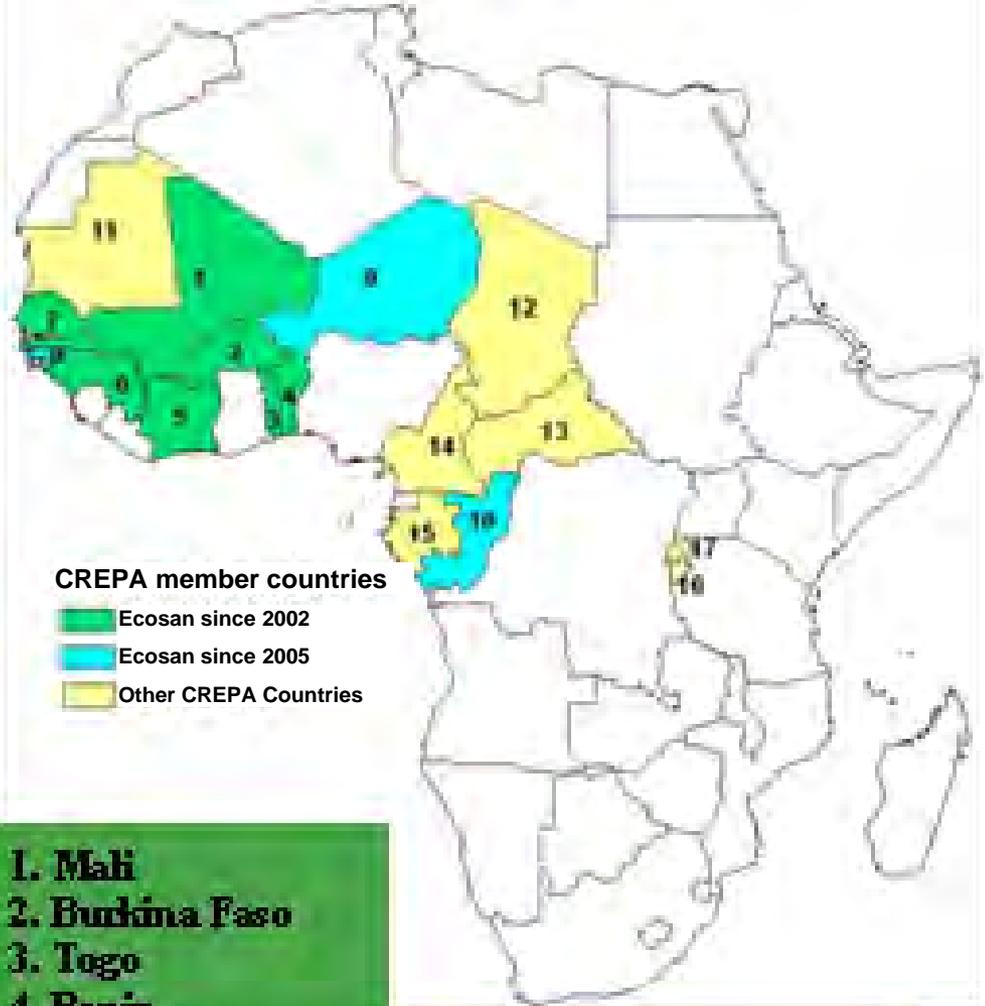
Develop and promote sustainable water/sanitation/hygiene solutions for defavorised populations in West and Central Africa



Regional ECOSAN program phase II

2006 - 2010

Dissemination in 10
countries in West and
Central Africa



1. Mali
2. Burkina Faso
3. Togo
4. Bénin
5. Côte d'Ivoire
6. Guinée Conakry
7. Sénégal

8. Guinée Bissau
9. Niger
10. Congo

11. Mauritanie
12. Tchad
13. Afrique centrale
14. Cameroun
15. Gabon
16. Burundi
17. Rwanda



FESPACO 2007







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SVP, UTILISEZ LES URINDOIRS ET
TOILETTES ECOSAN DU CREPA



AVEC ECOSAN
MINIMISEZ LA CONTAMINATION
OPTIMISEZ LA PRODUCTION AGRICOLE

LES PAYS ECOSAN DU
MONDE CREPA

QUELS SONT LES SITES ECOSAN A TRAVERSER
LE MONDE?

HALTE AU
PLAS
CREPA



20 events like :

- 14th July**
- Cultural events**
- Fairs**
- Independance day**
- El Hadj**
- Farmers day**
- Inaugurations**

2. SPIN OFFS (EFFECTS)



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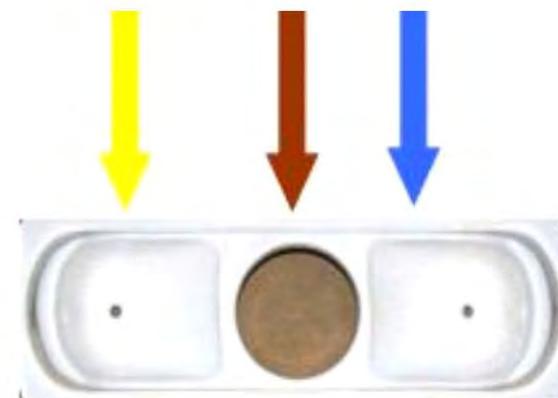


- 1. Technological development**
- 2. Sensitization**
- 3. Job creation**
- 4. Fertilizer provision**

1. Technological development



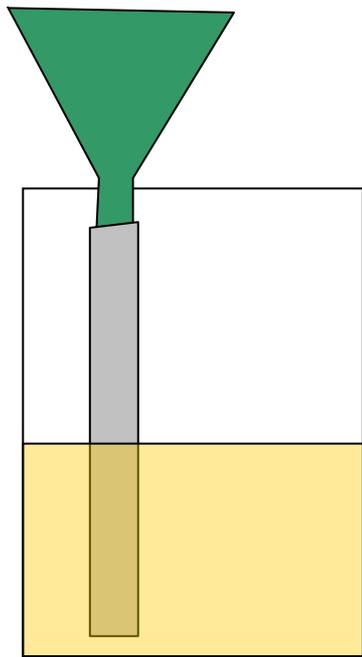
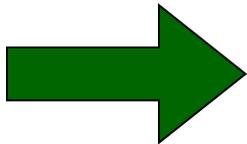
URINE FAECES WATER

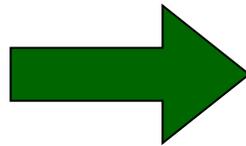
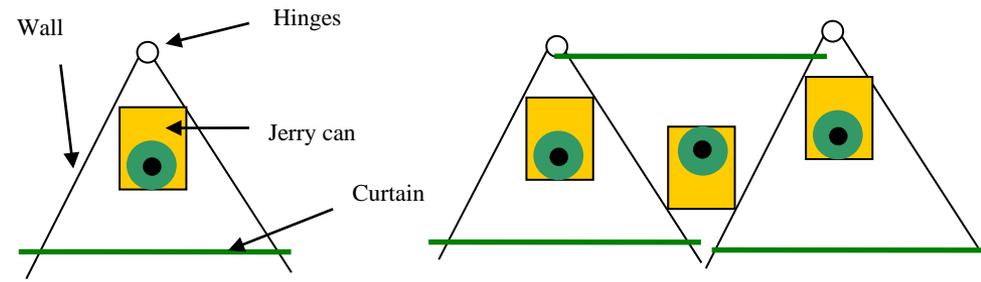














2. Sensitization – 35 000 users







3. Job creation





”The Association for Ecological Toilets”

7 events on their own:

- 4 days on average**
- 240\$ per event**
- 120\$ in ”salary”**
- 120\$ in costs**

4. Provision of fertilizers



0,20 \$ / jerry can (20 l) urine

0,10 \$ / kg faeces

**Each visitor provides
fertilizer for ~ 0,5 cents...**





3. THE FADA CASE STUDY



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Fada N’Gourma

**Independence day festivities
in Dec 2008**

**Participative training with
urban farmers on urine use**

**-Prepare reception of urine
and faeces**

- Trigger local initiatives



27/12/2008 5:03 pm





Crop	Yield NPK+ Urine (ton/ha)	Yield NPK + Urea (ton/ha)
Cabbage	68	41
Potato	66	33
Onion	41	35





Sanfou Idrissa, President of farmers in Fada

Discussion amongst test farmers...

Thoughts about urine:

+ Efficient fertilizer

+ Less parasite attacks

- Odor

- Risk of vendors not buying their crop if they knew that fertilized with urine

Needs:

Info on use on cereals

How to get large quantities of urine??



Casimir Lompo

Sanitation and waste manager in Fada

“I think there is a big potential now for EcoSan in Fada. The end users, the urban farmers, are ready. To set up a system we need many jerry cans and also a collection service. The formula I think would work in Fada is that the household take the cost for latrines, with some subsidy from ONEA, the municipality takes on the costs for the urine jerry cans and the urban farmers do the collection, and make a profit from the reuse”

4. CONCLUSION



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Mobile units = fantastic awareness raising tool!

Recommendations:

- Help association with investment and training**
- Insist on keeping the toilets clean and in good shape**
- Expose pots with urine fertilized plants with toilets**
- More interesting if caretakers also do the reuse**





**EVERY DROP
COUNTS!**

THANK YOU!