

International Conference on Sustainable Sanitation – Eco-Cities and Villages
Aug 26-31, 2007, Dongsheng, China

CREPA in the process of scaling up ecological sanitation in West and Central Africa

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**ECO
SAN
CREPA**



Presentation outline

- Introduction
- CREPA Strategy
- Best practices
- Conclusion



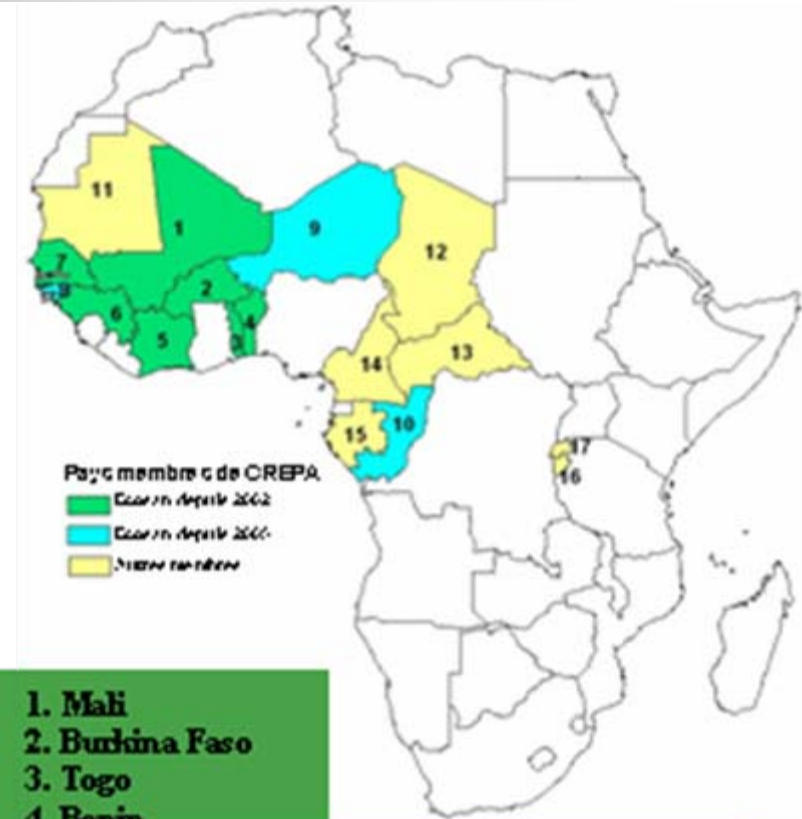
Introduction – Sanitation challenge



- CREPA = Regional Institute for low cost Water Supply and Sanitation

- MDG: 13 million households need adequate sanitation
→ 3000 toilets/day

- ECOSAN – real impact or curious approach in the periphery?



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

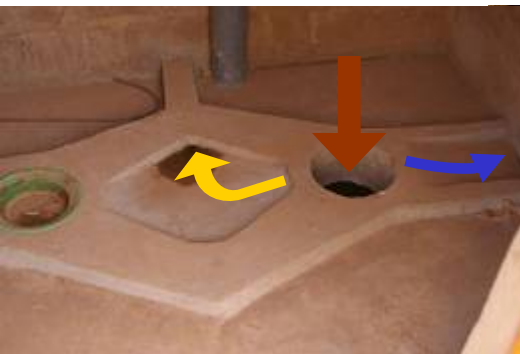
- 8. Guinée Bissau
- 9. Niger
- 10. Congo

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

Introduction – CREPA and ECOSAN



- Research 2002-2005



Technology



Sociology



Hygiene/Risk



Agronomy

- Dissemination 2006-2010 aiming to reach 1 million people

CREPA's ECOSAN strategy



Regional project document :

1. Research
2. Improving access to ECOSAN (implementation)
3. Involving the private sector
4. Influencing national policy/legal framework

Local level - National level - Regional level

→ Partnerships/influencing other organisations

Best practices



- Forming partnerships/influencing other actors
- Influencing national policies
- Construction of toilets
- Knowledge sharing/capacity building



Partnerships/influencing other organizations

CREPA Mali

Finance and help building the 10 first double vault UD toilets on a new site for organisations to encourage the spread of ECOSAN

→ 50 toilets for 4 organisations
(2007)





Partnerships/influencing other organizations

CREPA Côte d'Ivoire

- Partnership with agro-industry giant : SAPH
- Toilets in workers villages – 22 toilets built spring 2007
- Perspective: 30 000 people in 20 villages





Influencing national policies

Piloting committee

- Each country
- Regroup key persons from state institutions, universities and experts from other organisations
- Inform and involve key actors





Influencing national policies

Burkina Faso

- Double vault UD toilet in national strategy
- ONEA (National Water and Sanitation Office) hesitant...

Experience: Project ECOSAN_UE
Implementation of ECOSAN system in
four sectors of Ouagadougou





Influencing national policies

Burkina Faso

- CREPA Burkina ECOSAN project in Banfora
- Capacity building of city council etc.
- ONEA strategic sanitation plan for Banfora – no ECOSAN...
- City council refused ONEA's plan!





Influencing national policies

Regional ECOSAN course for architects and technicians, CREPA HQ, May 2007

- One CREPA technician and one (influential) architect per country
- Facilitated by SARAR Transformacion (Mexico)
- Follow up – ECOSAN competition

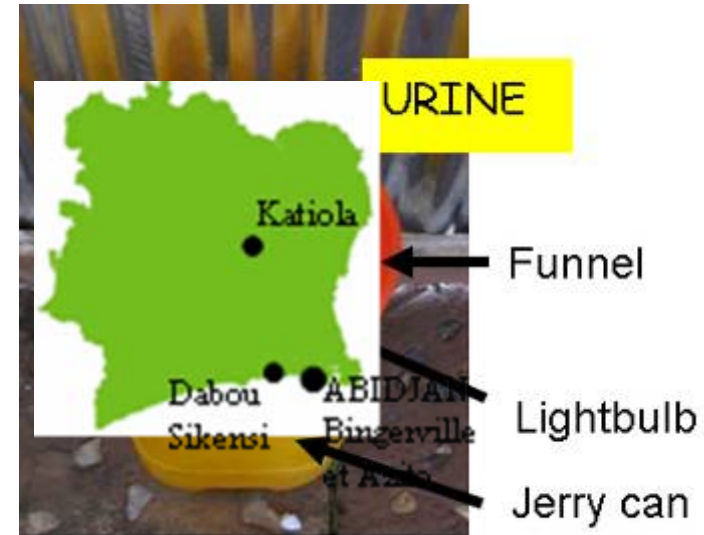




Construction of toilets

CREPA Côte d'Ivoire

- Entry via school toilets, urinals and garden
- Urinals in all homes in the village
- Collection and reuse on a communal field
- Four villages

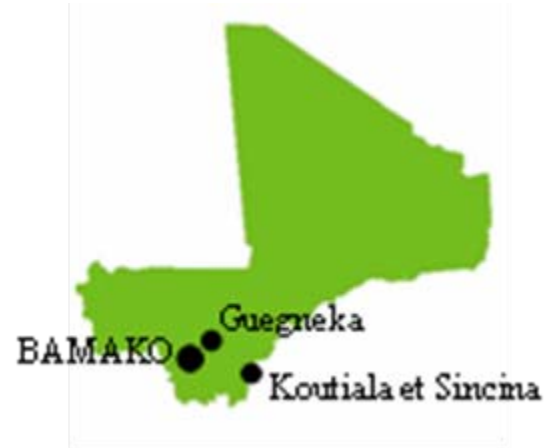




Construction of toilets

CREPA Mali

- 150 toilets in Guegneka 2007
- Local name : « Gnekengana »
= The Champion of Toilets





Construction of toilets

CREPA Togo

- ECOSAN demonstration in all four regions to influence other organizations
- 200 toilets built in 2007





Construction of toilets

CREPA Benin

- Encourage creativity of masons
- 20 toilets 2007





Construction of toilets

CREPA HQ

- Mobile toilets and urinals for international film festival in Ouagadougou, FESPACO
- 18 000 users during five events



Knowledge sharing / Capacity building



- Bulletin ECOSAN Info
- Yahoo-group (email)
- Supervision missions HQ → national teams
- Regional ECOSAN course (2 weeks)





Knowledge sharing / Capacity building

- **CREPA Benin:** National ECOSAN course – 1 week July 2007
- **CREPA Mali:** Re-use workshop with 2 x 30 participants June 2007



THANKS FOR YOUR ATTENTION!

Conclusion

- Structured dissemination started
- From present 1000/year → 3000/day...
- Low cost models needed
- National policies – involve key actors
- Keep on sharing good examples!

