Sanitation Overview of DRFN Projects

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Outline

- Who are the DRFN?
- Project Sites:
  - Omaheke
  - !Karas
  - Hardap
  - Otjozondjupa
- Lessons Learnt
Who are the DRFN?

• Independent non-governmental organization, established in 1990
• Doing research, training and consultancy

We care about all natural resources but focus on:
• Water
  - Water resources management
  - Water supply & sanitation
• Energy
  - Renewable energy & energy efficiency
• Land and sustainable livelihoods
  - Agriculture (arable)
  - Food security, income generation

Other sectors – climate change and biodiversity
Omaheke

- Project sites: Drimiopsis and Skoonheid

WATSAN

- 39 Otji toilets with UDS
- Financial partner: Spanish Development Cooperation
- When: 2009-2011

WATSAN-2

- 100 Otji Toilets with UDS
- Financial partner: GIZ
- When: October 2012-May 2013
Omaheke Region

Approach used:
- Community select technology preferred & suitable
- 10% Contribution to total cost of unit
- In kind labour contribution
- Training of local builders
Lessons Learnt

- High demand for sanitation facilities
- Hand washing facilities
- Contributions are not easy to collect
- Re-use is a no go area
!Karas Region

- ECAP project
- Project sites: Nuwe Fontein and /Aub !gaos
- 17 Otji-toilets
- Financial partner: Finnish Embassy

- 4 Envirosans with UDS
  - Donor: Envirosan

- Approach used:
  - Piloting technology
  - Community engagement
  - In kind contribution
  - Cooperation with DWSSC
Hardap Region

- ECAP project
- Project sites: Grundorn and Nico Noord
  - 14 Amalooloo
- Financial partner: Finnish Embassy

- Approach used
  - Piloting technology
  - Community engagement
  - Cooperation with DWSSC
Lessons Learnt: !Karas & Hardap

  - Codes of practice
- Provision of sanitation
- Suitability of technology & user
- Maintenance
- DWSSC can learn from pilot & improve roll out
Otjozondjupa Region

- Tsumkwe Energy Project
- 4 locations in Tsumkwe
  - 7 Otji toilets without UDS
- Financial partner: European Union

- When: 2011
- Approach used
  - Shared facilities
Lessons Learnt

- Sharing is not caring
- No one to clean up the mess
- Cultural practices
- Gender segregation
- Site selection needs to be spot on
Thank you for shining the spotlight on sanitation