

PATMAD PICO

Technical support program in Madagascar Pico hydropower project

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Project pico hydropower

Introduction

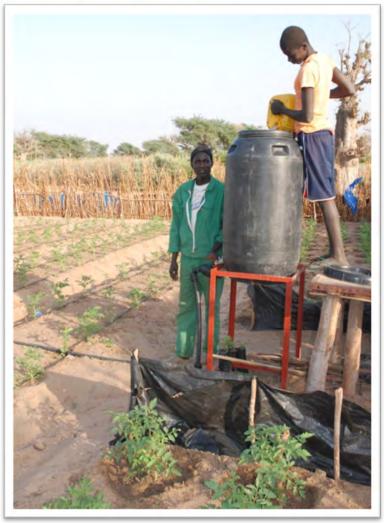
Involvement

Acceptation

- Introduction
- How are the beneficiaries involved in the development of the technology?
- How do the beneficiaries accept to use the technology?
- What can be done for a better co-creation of technology?







Unchanged philosophy since 30 years

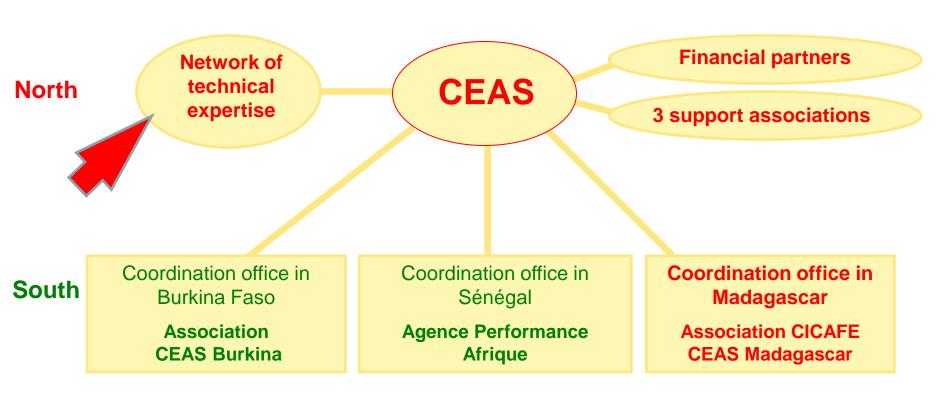
Contribute to fight against poverty with measures combining economy and ecology

Innovation for a green, social and prosperous Africa





CEAS international network



Innovation for a green, social and prosperous Africa

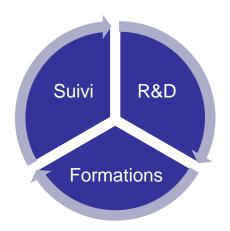


Technologies appropriées Energies renouvelables

Installations solaires (chauffe-eau, séchoirs, frigos) - Microcentrales hydroélectriques – Installations PV - Pompes manuelles

Agro-Ecologie

Insecticide naturel, compostage, lutte phytosanitaire



Sécurité alimentaire

Valorisation et conservation des ressources naturelles locales (séchage et autres transformations agroalimentaires)

Assainissement

Gestion et valorisation des déchets, transformation des plastiques

Innovation for a green, social and prosperous Africa



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Hydropower project in Madagascar

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Co-creation

Project goals:

- previous project 2009-2011:
 - development of a Kaplan turbine 350 W
 - → family needs



- new project 2012-2013:
 - design and construction of a Pelton turbine 10 kW
 - → community needs







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3 categories of beneficiaries:

- engineers
- artisans in the workshop
- final users of the produced electricity in rural areas





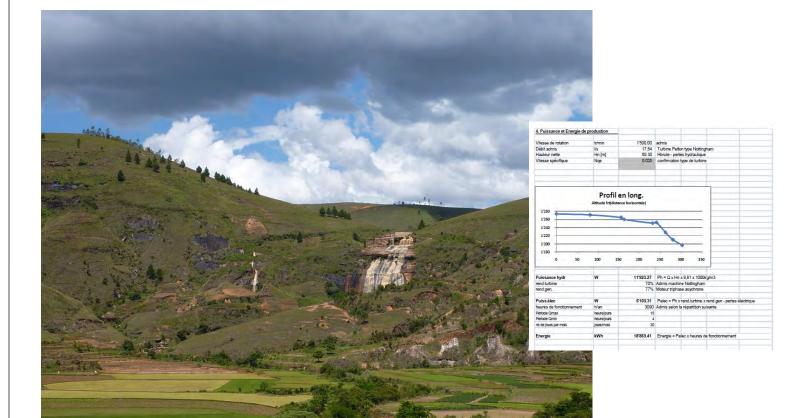


→engineers look after new sites/study/design projects

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→artisans well equiped and know how to manufacture the electro-mechanical installations









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→village committee







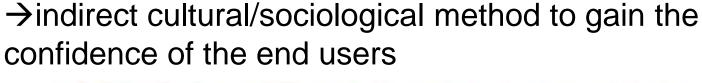


Beneficiaries acceptation

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Co-creation

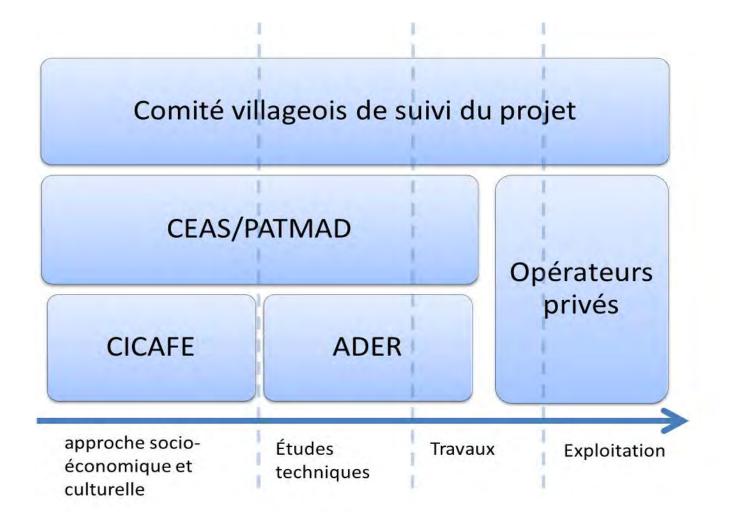
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Co-creation

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→THANKS to the north partners:

✓ CEAS – Coordination of the project

✓ ADEVE – Technical partner

√ REPIC – Funding

✓ ASCEAS-Ge & FGC - Funding

