



Togo Native Plant Nursery Project Notsé, Togo

Area of Interest

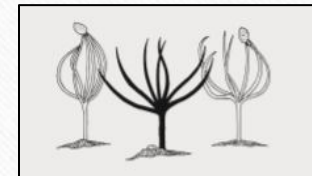


Why Togo?

- One of the highest rates of deforestation globally
- Highest deforestation rate in Africa
- Collaboration between ICPSD and the University of Idaho's CFNSR



University of Idaho
College of Natural Resources



CFNSR

Project Goals

- Properly **identify seed sources** for native tree species to use in nursery production
- **Engage and train local staff** in best management practices, long-term tree care and monitoring activities
- **Grow and outplant** these seedlings in the Notsé area
- **Build local partnerships** across public and private organizations
- Promote project visibility through **educational outreach**

Nursery Construction



Before

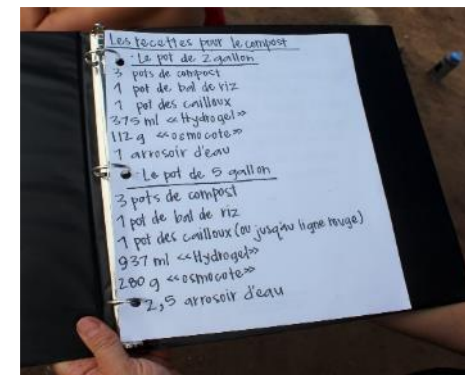


After

Technical Workshops

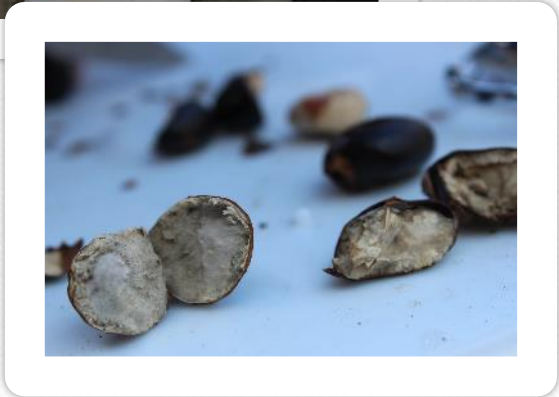
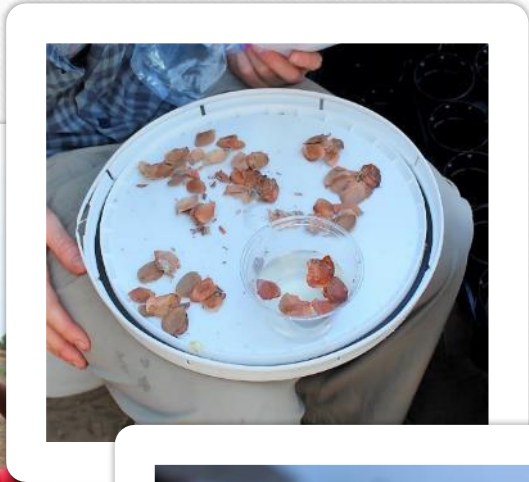
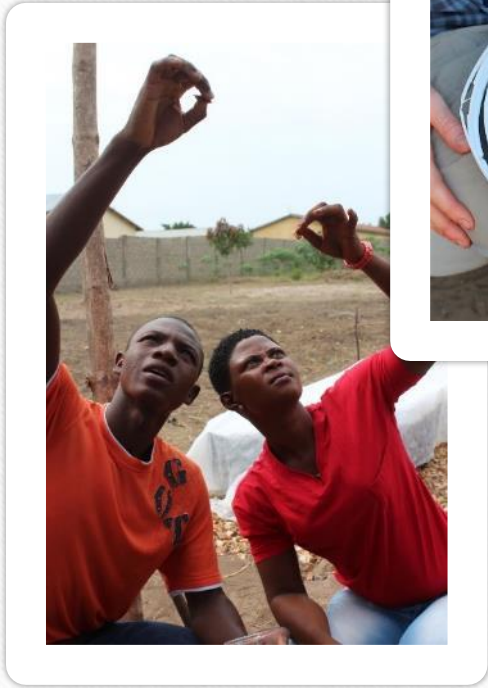


Containers

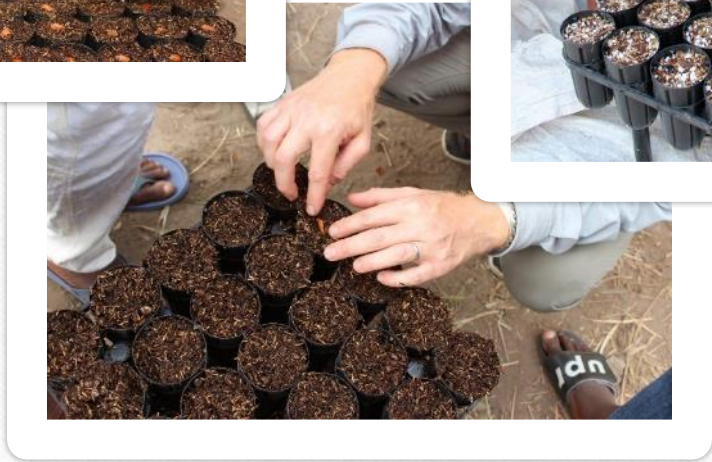


Growing Media

Technical Workshops



Seed Preparation



Sowing



Technical Workshops



Water Science and Irrigation Techniques



Outplanting

Seed Procurement Challenges

- Local names for species largely don't match research/literature
- Lack of seed collection guidelines and zones
- Seed types in general (common to procure moldy seed)
- Easier to source non-native species



Seed Use Challenges

- Need for seed storage
- Seeds are soaked in dirty water
- Germination issues, especially damping off
- Communication is hard



Successes

- Excellent germination on several nursery species
- Interest and continued engagement – locally and nationally
- Physical nursery structure in place
- Continued collaboration with local partners



Immeasurables



Looking to the Future

- Secure a wider variety of seed sources to protect genetic diversity
- Establish the first in-house seed storage in Togo
- Determine seed cleaning needs and develop species-specific techniques
- Next phase(s) of technical workshops with nursery staff
- Design and install outplanting plan(s) for long-term monitoring
- Continue education and outreach with student groups

Acknowledgements

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- University of Idaho College of Natural Resources and the Center for Forest Nursery and Seedling Research (CFNSR)
- Lab group and current/former Togo team members
- My ladies!
- In-country contacts, including translators, foresters, researchers, students, and other NGO partners



Questions?



Photo credits: Morgan Gardner, Kelli Koerner and Anthony S. Davis

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For more information on how you
can support this effort:
www.icpsdafrica.org/projects



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This and additional presentations available at <http://nativeseed.info>

