

16th ACA Annual Conference



ACA
AFRICAN
CASHEW
ALLIANCE

STRENGTHENING SUSTAINABLE KERNEL & BY-PRODUCTS MARKETING IN THE AFRICAN CASHEW INDUSTRY

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Mainstreaming climate action into the cashew sector: learning from action research in the production systems of Côte d'Ivoire

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PLAN

1. CLIMATE ACTION IN CASHEW PRODUCTION?
2. JOURNEY
3. LESSONS
4. POTENTIAL TAKEAWAYS FOR CASHEW IN AFRICA

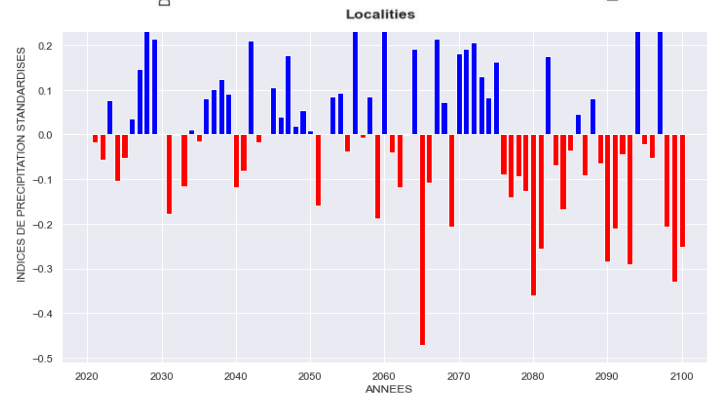
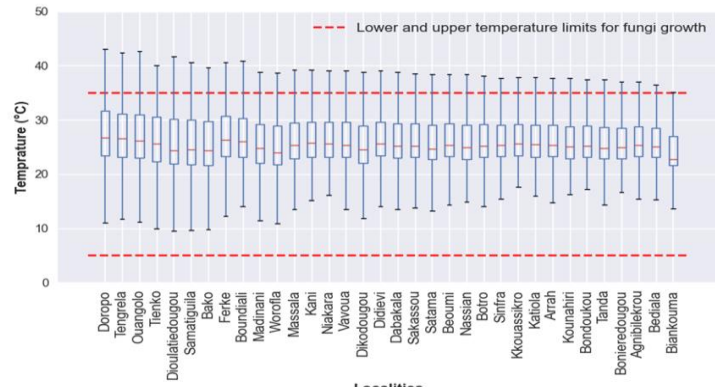
1- CLIMATE ACTION IN CASHEW PRODUCTION?

- Mitigation opportunity to tap in:
 - ✓ Cashew has a high potential for carbon sequestration
 - ✓ Cashew a Game Changer for cash making
- Adaptation needs to address:
 - ✓ Cashew trees are drought tolerant but cashew income is not
 - ✓ Damaging constraints of pests and diseases driven by weather conditions
 - ✓ Food security, biodiversity, and land use are at stake
- ***Climate action should be mainstreamed in the cashew production systems – need of climate sensitive production technologies***
- We gave it a try in three agroclimatic zones of Côte d'Ivoire.



2- JOURNEY

1 Vulnerability to Climate Change?



Climate data analysis (Past and future)



Focus group and field survey

Problem?
Solutions?

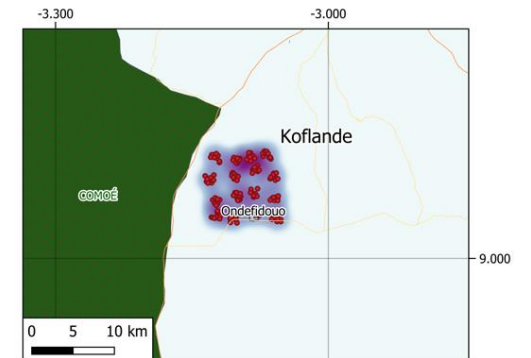
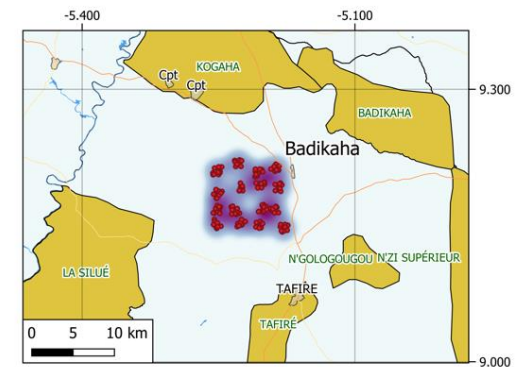
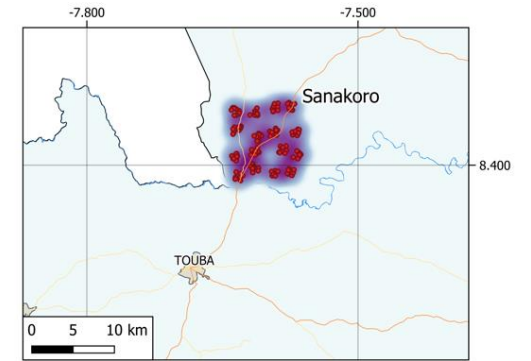
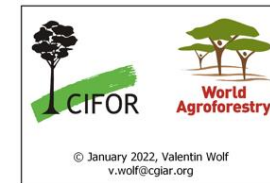
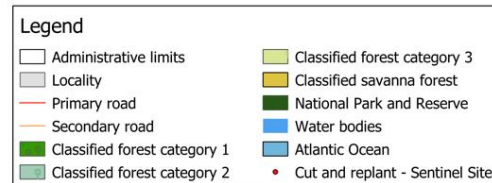
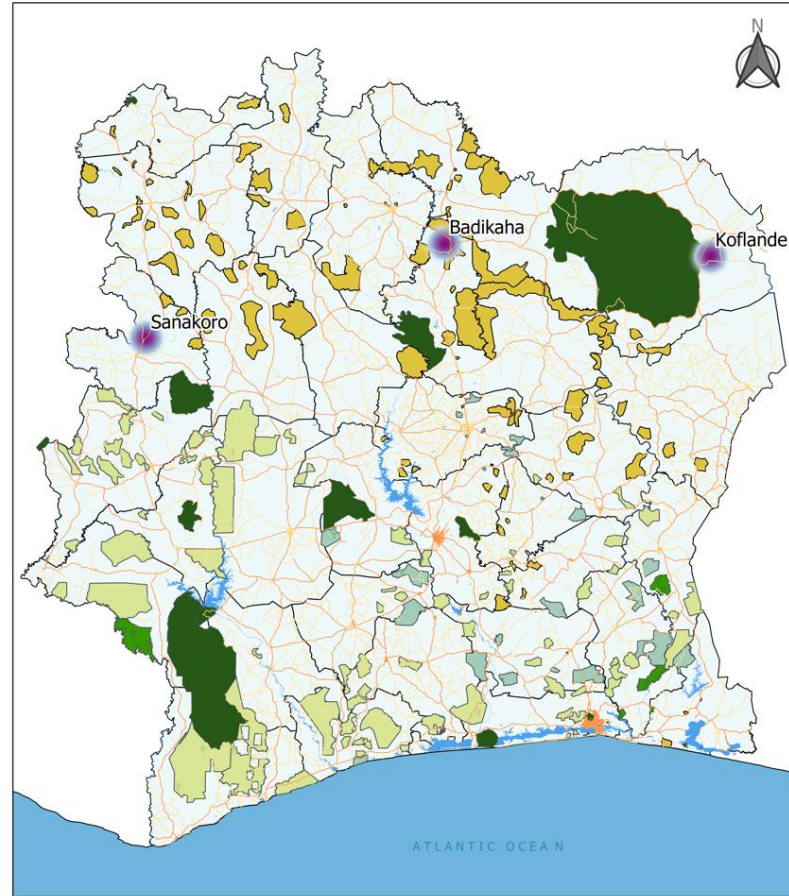
2- JOURNEY

2

Land health constraints and opportunities?

- Soil
- Land use
- Vegetation
- Biodiversity

Problem?
Solutions?



2- JOURNEY

3

Participatory implementation of solutions (Consultation + Training + EbA + tailored climate information)



3- LESSONS

- Tree planting: farmers didn't replicate (Barriers: planting material; etc.)
- Diversification: farmers replicated agroforestry that boost cashew productivity, provide complementary cash, and improve biodiversity (eg: FMNR, beekeeping, etc.)
- Because of climate spatiotemporal variation, a given practice cannot be implemented in the same way everywhere (Density, FMNR, Tree planting)
- There was a need to conduct agroclimatic studies for tailoring agricultural practices (Density, FMNR, Tree planting)
- Farmers were demanding for weather-based pests and disease prediction for cashew
- Farmers were demanding for sowing dates prediction for annual crops



4- POTENTIAL TAKEAWAYS FOR CASHEW IN AFRICA

- System approach required for mainstreaming climate action into cashew sector
- Companion value chains that are beneficial to farmers and biodiversity are needed
- Need to tailor agricultural practices according to the different climatic zones (Density, clones' spatial allocation, IPDM)
- Climate information services to be deployed for sustainable pests and diseases management
- Reflect all these climate related requirement in training materials
- Build policies and specifically investment plans accordingly

Thank you for attention!

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