



Bundesministerium für
wirtschaftliche Zusammenarbeit
und Entwicklung

Durchgeführt von:

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH

Green Innovation Centers





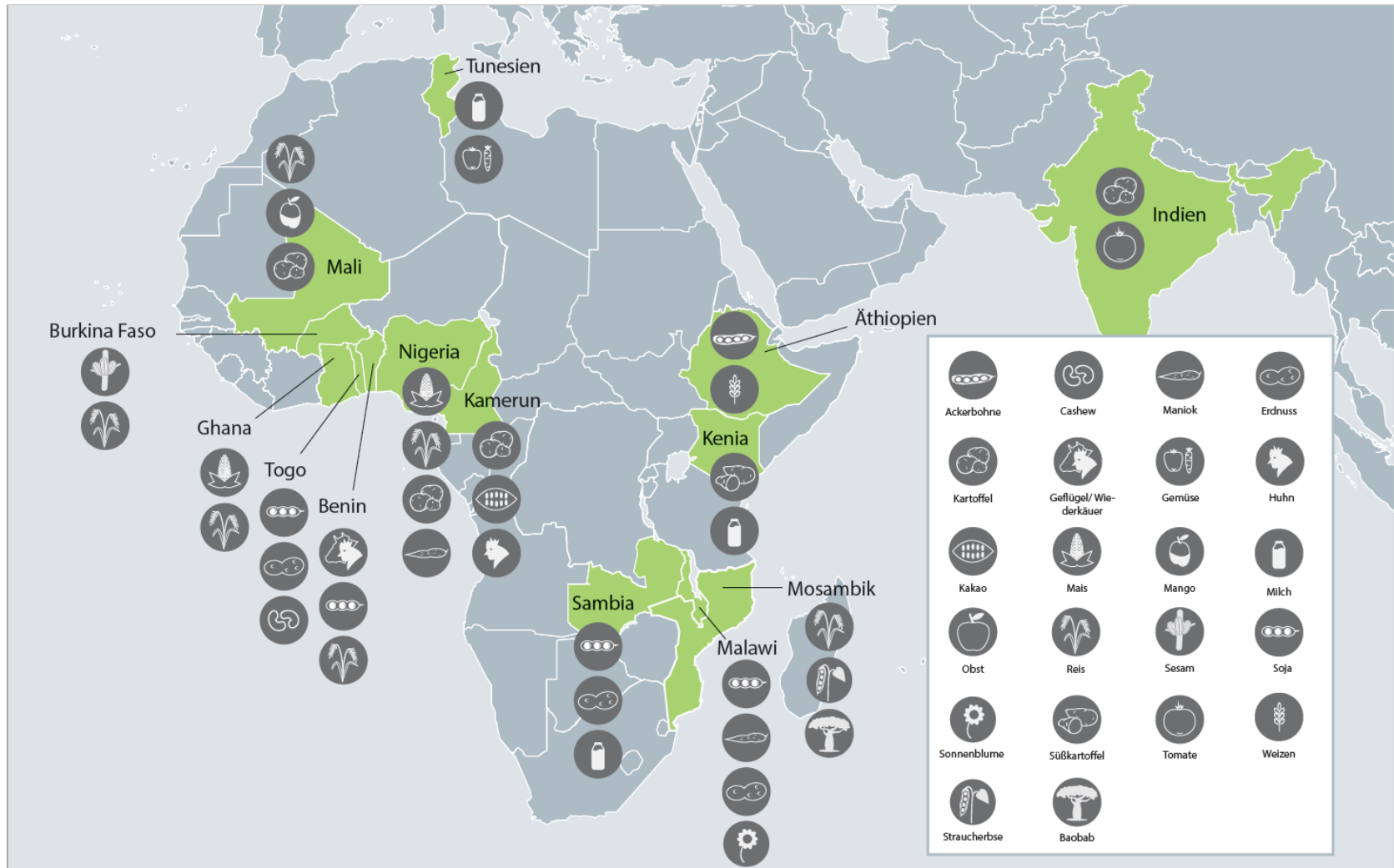
Background Information :

- Assignment in 10/2014
- Programme duration until 09/2021
- Budget: **206 million €**
- Program management in Bonn (coordination), Eschborn (finance) and Feldafing (HCD)
- GICs are in **14 countries**, focussing on 2 to 4 different value chains each (in total: **35 value chains**)
- The value chains consist of **22 different agricultural products**. Most of them are **stable food** like wheat, corn or rice, but the GIC also work with **cash crops** such as cacao or sunflowers





14 Innovation Centers





Conceptual Approach:

„We bring together, what belongs together“

- Development of **value chains** „from the field to the plate“ through **introduction of innovations**
- Utilization of **know-how** from various partners (both from partner countries and Germany)
- Linking **research** and **development** with agricultural technical and vocational **training**
- Facilitation of **self-organisation**
- Support of **agricultural** finance

Innovation: Dissemination of locally adapted methods, technologies or organisational structures, which have been tested elsewhere, yet are not known in the region.



A woman in a purple striped tank top is pouring a large amount of grain from a silver bowl into a manual mill. The mill is a yellow and brown metal structure with a hopper on top and a grinding mechanism. An older man in a white cap and light-colored shirt stands next to the mill, looking on. The background shows a rural setting with simple buildings and a cloudy sky.

Which innovations do we use?



Different centers – different innovations

- **New seed:** nutrient rich and drought resistant (e.g. sweet potato in Kenya)
- **Efficient irrigation:** efficient use of resources and promotion of yields (e.g. Mali, Burkina Faso)
- **Producer groups:** strengthening self-organisation of farmers (e.g. India)
- **Utilisation of ICT** – digital networking (e.g. exchange of market information data via mobile phones in Togo)
- **Mechanisation:** efficient and increasing yields (e.g. utilisation of modern machinery in Ethiopia)
- **Training:** farmers turn into entrepreneurs (e.g. SME-Business Loop in Benin)



Irrigation field in Malawi



The Market Information System provides useful data like actual prices



Exemplary Innovation Centers



Kenya

Value Chains: sweet potato and milk

HQ: Bukura Agriculture College in
Kakamega

Budget: 14. Mio EUR

Objectives: 30% more income for 50,000
smallholders; 900 new jobs, further
education for 50,000 smallholders

Key innovations: ICT-Solutions; One-Stop
Shops, solar powered milk-cooling systems,
new sweet potato seeds etc.

Partners: ILRI, KALRO, Dt. Welthungerhilfe, Bayerische
Landfrauen, Andreas Hermes Academy, etc.





Mali

Value Chains: rice, potato, mango

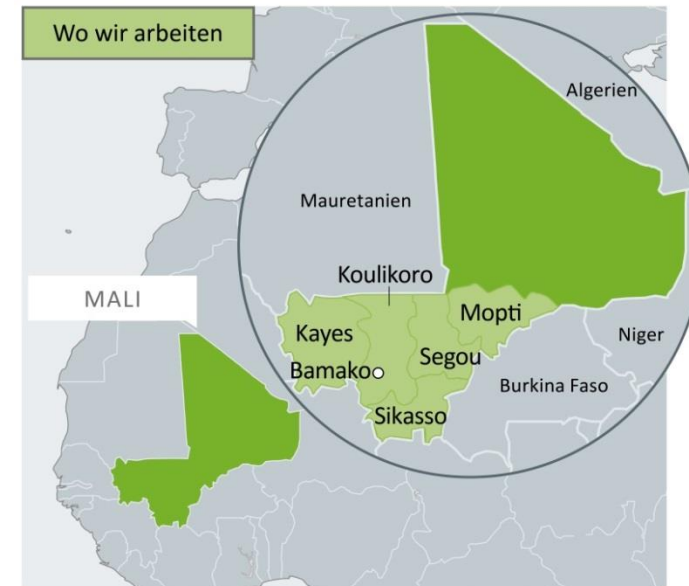
HQ: Institut Polytechnique Rural de
Formation et de Recherche Appliquée in
Koulikoro

Budget: 17.5 Mio EUR

Objectives: 33% more income for 60,000
smallholders; 1,000 new jobs, further
education for 100,000 smallholders

Key innovations: crop protection; organic
fertilizer; new cooling systems; System of
Rice Intensification; Mechanisation etc.

Partners: SLE, Dt. Welthungerhilfe, DVV International, BORDA,
Greenyard/Bayer, Egesun/Morgenland/Cimpex



What do we want to achieve?





- Increased income for 860.000 farms
- Improving livelihoods for 7 Mio. people
- Education and training for 1.110.000 people
- Creation of 14.000 jobs



Where do we stand today?





250.000 people have been trained!



1.600 jobs have been created!

A photograph showing two men standing next to a large red Grimme agricultural machine. The man on the left is younger, wearing a blue and red plaid shirt and jeans, holding a black folder. The man on the right is older, wearing a white kurta and dhoti with a white shawl. They are both looking at each other and talking. The machine has 'GRIMME' and 'L 32E' written on it. There are yellow warning signs on the machine.

50 partnerships with companies, NGOs, research!

Recent Highlights





Recent highlights:

- **New country: Mocambique** as 14th Green Innovation Centre has been commissioned
- **Intensivation of new approaches: ICT** (for example dissemination of market information in Togo); **climate and biodiversity**
- **New international partners:** First **Co-financings** with EU are currently being prepared (e.g. Malawi, Mali);
- **Communication: New brochure (40 pages)** with detailed information on all innovation centres; Quarterly **Newsletter to 350 recipients**
- **Cross-country learning: Regional Conference** with 170 participants in Tunis (October 2016); **Exposure seminars** in Feldafing for 800 partners
- **Public Events:** International Green Week in Berlin (January 2017), Biofach in Nürnberg (February 2017); G20-conference „One World, No Hunger“ in Berlin (April 2017)