Putting nitrogen fixation to work for smallholder farmers in Africa

N2Africa - www.N2Africa.org

• Main goal to promote grain legume crops for food and nutrition security and sale
• Sustainable intensification / diversification

• Led by Wageningen University; with IITA, ILRI, AGRA and many national partners
• Implemented in 11 countries

• 1st Phase 2009-2013 – Proof of concept (US$22M)
• 2nd Phase 2014-2018 – Scaling through partnerships; institutionalisation (US$30M)
N2Africa is a development to research project

- Delivery and dissemination are the core
- Monitoring & evaluation provides the learning
- Research analyses and feeds back

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A PPP in South East Ethiopia

The nucleus farm, Balegreen Spice and Grain Development, pioneered

• Mechanizing chickpea farming and breaking prolonged cereal mono-cropping
• Out-grower arrangement with 23,000 smallholder farmers to grow Kabuli chickpea
• Stimulated legume technology scale up through
• Strengthened seed system development
• Serve as last mile delivery for inoculants from MBI
• Grain bulking and delivery to ACOS for the Monino Kabuli variety
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Bean Thinking: Maharage bingwa

Smallholder farming families in Tanzania receive information from the radio, mobile phones, posters, comics, social media and extension explaining the importance of growing improved varieties of common bean using good agricultural practices and fertilizer.

N2Africa works with national research institutes including SARI to ensure messages are consistent and appropriate.

Shujaaz: Comics will work for the young people.

We will use radio to reach more people.

Farm Radio International working with Sauti ya Injili will reach families and overcome literacy barriers.

D2F and Shujaaz will explore social media.

ASHC will work with AFAP to develop point of sale information.

IITA & i-logic will pilot a programme to assess demand for farm inputs amongst smallholder farmers.

Let’s grow better beans.

Together with the extension service we will produce simple briefing packs on growing beans.
Soya Njano - Yellow beans

• Telephone survey of >3000 farmers

• 62-80% wanted this variety
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### Value Chain Support Projects

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### Value Chain Projects

- CRS – Soy ni Pesa
- BRAC – LEAD
- BRiTEN
- Clinton Foundation
- RUDI-AGRA
- FAIDA - MALI

The African Soil Health Consortium (ASHC-II) is funded by BMGF and other partners for scale-up, with support from the Clinton Foundation and RUDI-AGRA.