



Food & Business Applied Research Fund

Third international workshop, Addis Ababa, 13-16 Feb 2018

Food & Business Research and progress made by ARF

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Outline

Food & Business Research

- 2 instruments ARF and GCP

Applied Research Fund (ARF)

- Aim & objectives
- Calls & characteristics
- 45 projects
- Impression on activities & outcomes
- Project input & Learning process for knowledge sharing and research uptake



Food & Business Research: Background

The Food & Business Knowledge Agenda (2013), by the Ministries of Foreign Affairs and Economic Affairs

Aim: Strengthening the implementation of the Dutch development policy on food security as set out in the food security and private sector letters to parliament

- The Food & Business Knowledge Platform and its Office
- Food & Business Research – managed and co-funded by NWO-WOTRO
 - *The Food & Business Applied Research Fund*
 - *The Food & Business Global Challenges Programme*
- Aligns with Top sectors Agri&Food and Horticulture & Propagation Materials



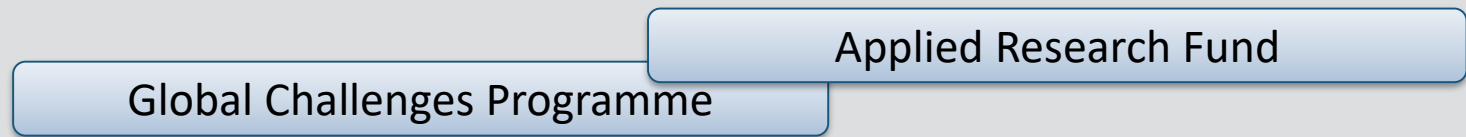
F&B: Two research instruments

Global Challenges Programme (GCP)	Applied Research Fund (ARF)
Research based <u>enhanced understanding</u> of emerging key issues in global and regional food security and their impact on local food security and the role of private sector development	Research supported <u>concrete innovations</u> that contribute to the food security and related business needs in partner countries
Focus: Global	Focus: the 15 partner countries of Dutch Development Cooperation
Duration of projects: - Fast Track Research 2 years; - Integrated projects 4 - 5 years	Duration of projects: 2 – 3 years
Project budget: €500,000 – €1M	Project budget: €50,000 - €300,000
4 Calls : 14 Fast Track Projects 16 Integrated Projects	3 Calls: 45 projects (2 - 3 years duration)



F&B: Two research instruments (2)

< Enhanced understanding ----- Concrete innovations >



Similar framework

Co-creation by transdisciplinary consortia

Day 1 afternoon session

Theory of Change and related Impact Pathway

Knowledge sharing and research uptake

Day 2 session, with role of the Food & Business Knowledge Platform



Applied Research Fund (ARF)

Objective:

To promote research supported innovations that contribute to food security and private sector development in the 15 partner countries of Dutch development cooperation

Innovation in the primary process of food production and access to healthy food; innovation in enabling institutional arrangements; and policy innovations

- **Demand driven questions:** from Dutch partner countries
- **Engagement** with intermediary and ultimate **target groups**
- **Alignment** to Multi-Annual Strategic Plans of the Dutch embassies (MASP)



Applied Research Fund Calls

- **Foci** are related to areas of Dutch food security policy

Call 1 and 2 (2014-2016):

1. Sustainable agriculture
2. Equitable access to nutrition
3. Inclusive access to markets
4. Better business climate

Call 3 (2017):

1. Eradicating existing hunger and malnutrition
2. Promoting inclusive and sustainable growth in agricultural sector
3. Creating ecologically sustainable food systems
 - A. *Bangladesh: Food-climate-water-ecosystem nexus*
 - B. *Kenya: Farming as a Business*



Applied Research Fund Calls

- **Total budget:** € 4M per Call, plus co-funding of 20% by private partners (3 Calls: 45 projects awarded in total)
- **Criteria** in assessment procedure:
 - a) Contributing to development
 - b) Contributing to innovation
 - c) Project feasibility
- **Consortia** consist of at least two partners that integrate different kinds of knowledge and execute a project as an effort of co-creation:
 - A private or public practitioner organisation from a partner country - *in the lead*
 - A research organisation from a partner country or the Netherlands
 - A Dutch partner is required

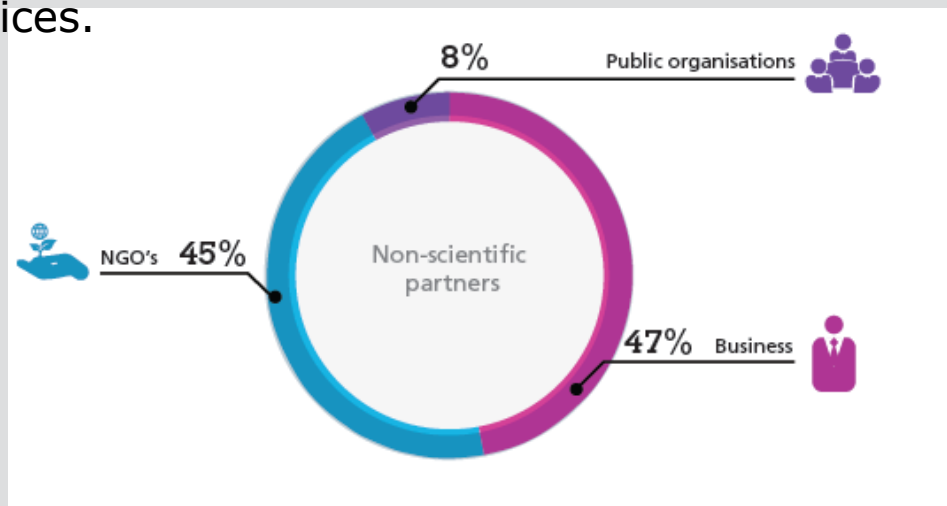


Applied Research Fund Calls

Practitioners in consortia

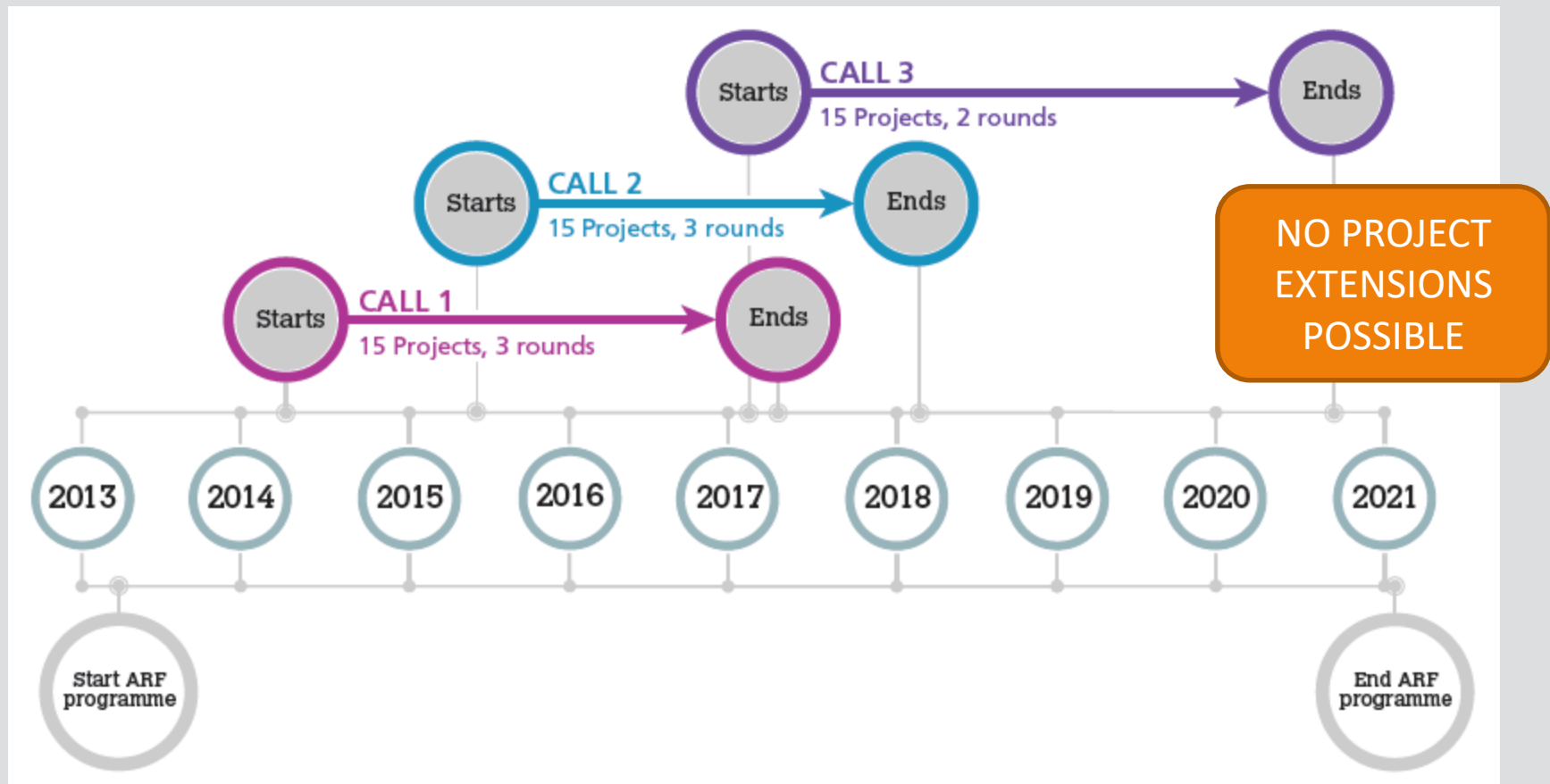
Practitioners organisations may include any type of organisation other than research or higher education organisations that represent a group of people actively engaged in food security:

- **private for-profit enterprises** and related support organisations;
- **private non-profit organisations**, such as non-governmental organisations, cooperatives, unions, civil society organisations, et cetera;
- **public organisations** such as governmental departments of line ministries or local governments, extension services.





Applied Research Fund Calls

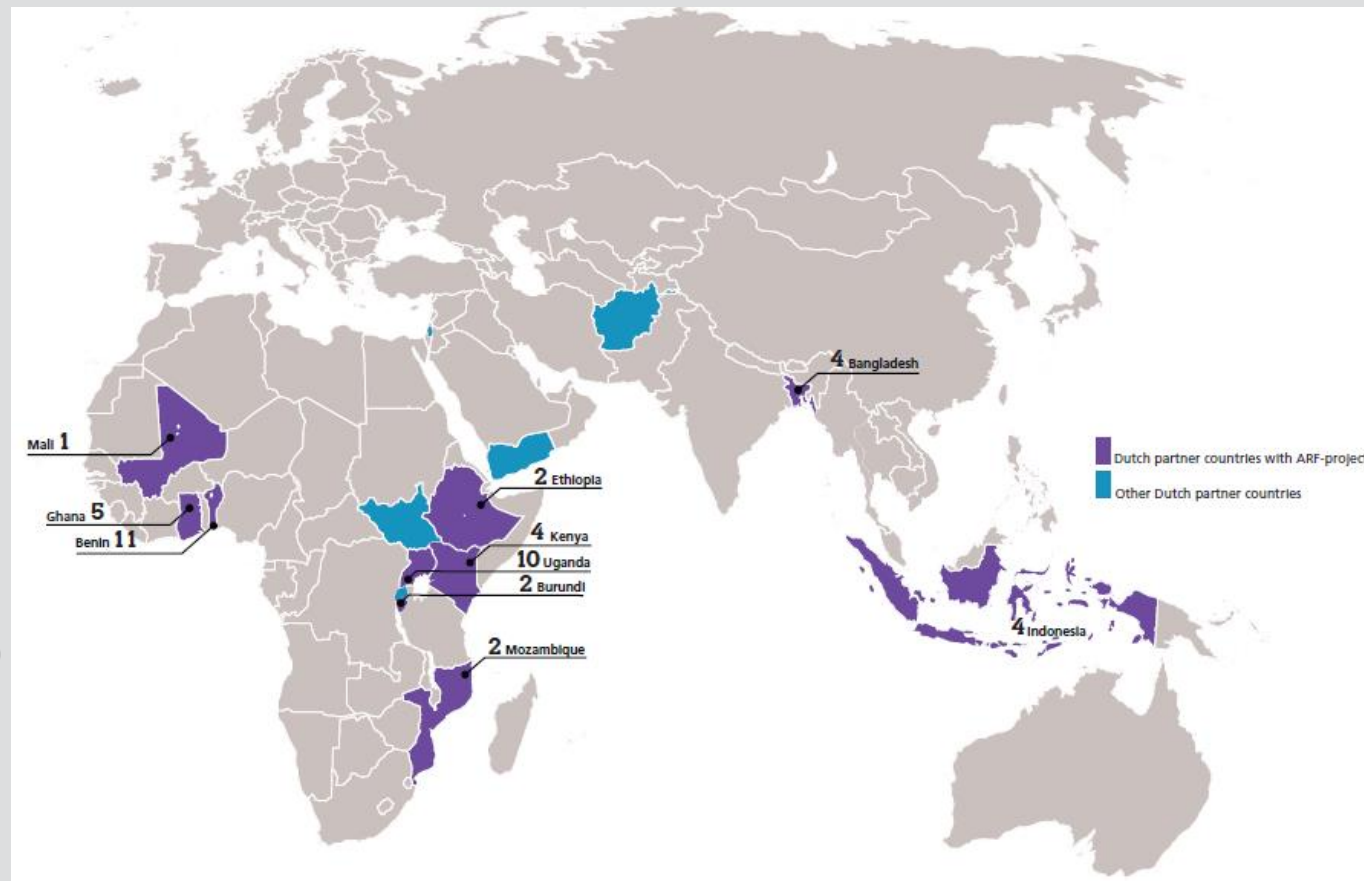




ARF projects

45 Awarded ARF projects in 10 Dutch partner countries:

- Bangladesh (4)
- Benin (11)
- Burundi (2)
- Ethiopia (2)
- Ghana (5)
- Indonesia (4)
- Kenya (4)
- Mali (1)
- Mozambique (2)
- Uganda (10)





Impression of ARF project activities

- Baseline studies / evaluation existing practices / indigenous knowledge / technical and market analyses
- Participatory testing, monitoring, analysing / Lab testing / sampling / surveys /
- Experimentation with market traders & youth /consumer perspectives
- Installing assembly technology with local artisans / using local materials
- Demonstration centres / Seed multiplication centre



Impression of ARF project activities

- Workshops and meetings / focus group discussions
- Farmer field school / farmers – producers training / tailored advice / farmer to farmer exchange visits/ community meetings / trainings / production and training modules / technical training
- Policy briefs / collaboration with policy makers & government
- Fact sheets / brochures / posters / recipes / radio / role plays / learning guidelines



Impression of ARF results & outcomes

Outcomes related to (among other):

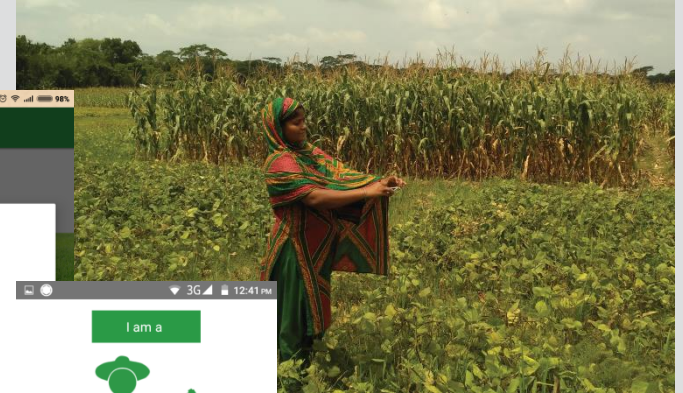
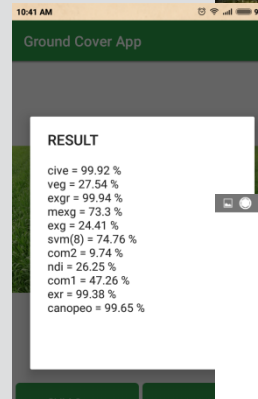
- Increased farm-level production & productivity
- Uptake of new agricultural production & processing techniques
- Orientation towards local knowledge needs



Impression of ARF results & outcomes



Solar drying mango (Ghana)



Irrigation app (Bangladesh)



Traceability system tuna fish (Indonesia)





Project input & communication NWO-WOTRO

Results, knowledge sharing & research uptake

- Information exchange with F&B Knowledge Platform, its Steering Committee and F&BKP Office
- Activities in collaboration with the F&BKP Office and other partners
 - Activities in the partner countries
 - International workshop (per Call) and country workshops
 - Initiatives with Dutch embassies
 - Activities in the Netherlands
 - Science-policy dialogue conference (1Dec 2017)
 - Trainings and workshops (e.g. story telling workshop with GCP)
- Feedback to Ministries, Embassies and F&B Programme Committee



Thank you for your attention!

