

Wageningen Centre for Development Innovation

12 May 2017, Hedwig Bruggeman (CDI)





Knowledge in action



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UNIVERSITY & RESEARCH

Neil Palmer /CIAT

Guiding sector transformation







BENEFIT partnership - Ethiopia

Bilateral Ethiopian Netherlands Effort for Food, Income and Trade (2016 -2019)



BENEFIT unites 4 agricultural development projects

	ISSD	Integrated Seed Sector Development Ethiopia
	CASCAPE	Capacity building for Scaling up of evidence-based best Practices in agricultural production
	ENTAG	Ethiopia–Netherlands Trade for Agricultural Growth
	SBN	Sesame Business Network support project

Main objectives BENEFIT

- Increased quantity and quality of sustainable agricultural production
- Improved markets and trade
- Strengthened enabling institutional environment for the agricultural sector
- Projects working together in the BENEFIT Partnership are
 - more effective,
 - achieve higher scale and impact, and
 - demonstrate improved stakeholder collaboration

The BENEFIT projects collaborate with

■ Ministries:

- Ministry of Agriculture and Natural Resources
- Ministry of Livestock and Fisheries
- Ministry of Trade
- Ministry of Industry
- Ethiopian Transformation Agency (ATA)

■ 11 Ethiopian knowledge and research institutes:

- 6 universities,
- 4 regional agricultural research institutes and
- Ethiopian Institute of Agricultural Research

■ Oromia Seed Enterprise

BENEFIT targets for 2019

- 3 million smallholder farmers reached with improved agricultural practices and technologies, including quality seed, and access to markets;
- 230 cooperatives and associations and 2,500 SMEs and entrepreneurs supported;
- direct investment of 22 Dutch/international companies;
- 1,800 research and extension staff at national, regional and Woreda level trained;
- 100 improved technologies, practices and/or innovations introduced

Integrated Seed Sector Development

By **improving** farmers' **access** to and **use** of quality seed of new, improved and farmer-preferred varieties, we aim to **increase productivity** thereby contributing to food security and economic development for poverty reduction

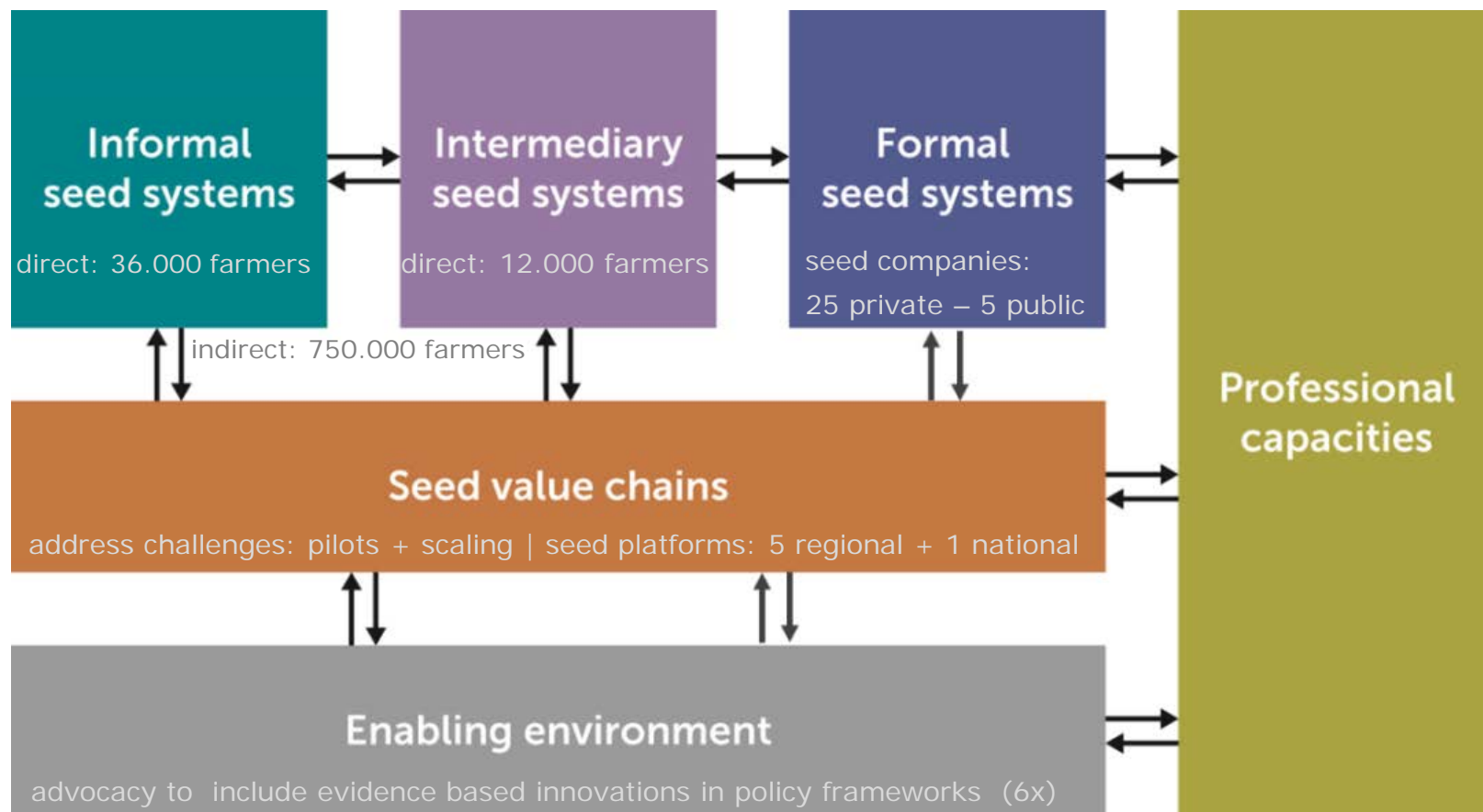


Integrated Seed Sector Development

- **Improving farmers' access to quality seed** of new, improved and farmer-preferred varieties
- **Sector approach** contributing to increased **agricultural productivity** and **enabling environment**
- **Systems approach** focussing on informal, intermediary and formal seed systems
- Promoting **profitable seed business** and seed **value chain development**
- **Scaling** the approach and **tailoring** it to **national** and **local** context
- **Facilitating change processes**

ISSD guiding principles video: <https://www.youtube.com/watch?v=4BQxR5vdvZw>

The ISSD Ethiopia programme



The capacity building for scaling up of evidence-based best practices in agricultural production (CASCAPE)

- **Improving agricultural productivity**
- Through promoting evidence based **best fit agricultural practices**;
- Contributes to an **agriculture innovation ecosystem**;
- Partner in WB financed Agricultural Growth Programme;

In depth research

- Fertilizer trials: make soil type specific fertilizer recommendations for most important crops;
- Drivers for adoption studies, including use of panel data;
- MonQIT: nutrient balances and impact at field and farm level;
- Methodology development for integrated technology assessment;
- Soil mapping (1:250.000)

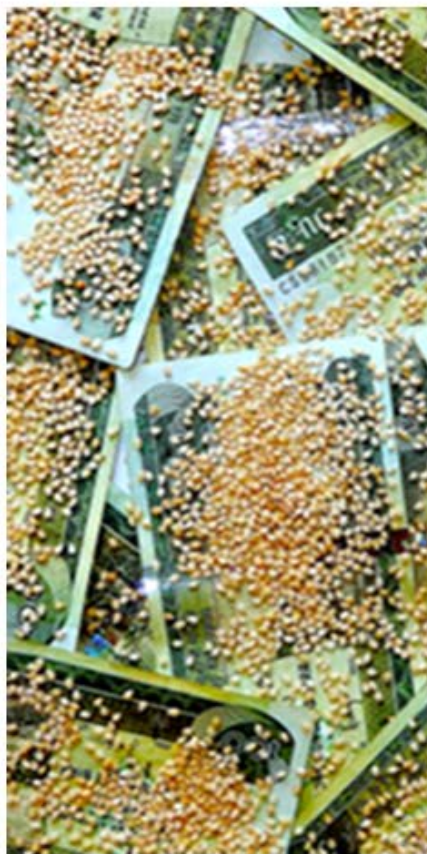
Some results

- Carries out on-farm research and demonstrations on 1033 farms(2016);
- Scaling trials with 16320 farmers (2016);
- Delivered 18 best fit practice manuals (2016);
- Works with woreda level administrators to include these technologies in woreda development planning in 65 woredas;
- Special studies, soil mapping, recommendation mapping, drivers for adoption add to scientific base

Ethiopian-Netherlands Trade Facility for Agribusiness (ENTAG)

- Improved markets and trade & strengthened institutional environment through supporting agribusiness in Ethiopia
 1. Support individual companies
 2. Sector development
 3. Individual and sector funds

- Collaboration with private sector associations
 - Poultry
 - Aquaculture
 - Spices
 - Pulse crops



Sesame
Business
Network
Ethiopia

Putting research into action

Stakeholder network & support programme



Action research/evidence based approach

- Agricultural practices
- Yield measurement and harvest & PH losses
- Production and credit costs
- Credit costs
- Social inclusion: labour, gender & youth



Good Agricultural Practices: 20 steps



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20 Steps

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Examples of ongoing collaboration with CG

ICRISAT & CASCAPE	soil fertility
ILRI & ENTAG	national poultry & aquaculture strategies
CIP & ENTAG	potato value chains & markets
CIAT & ENTAG	inclusive business models
CIMMYT & ISSD	training on seed business management; promotion of small seed pack use
Bioversity & ISSD	crowd-sourcing: fast deployment of released and local varieties
ICARDA & ISSD	scaling access to seed of malt barley, faba bean, and chick pea
ICRISAT & ISSD	ISSD paper International workshop Community based seed production (FAO-ICRISAT)
ILRI & ISSD	forage seed training seed producers (FeedSeed)

Thank you



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Potential future collaboration with CG

ILRI & CASCAPE	collaboration with Africa RISING (ILRI)
ILRI–ICRISAT & ENTAG	collaboration around aquaculture, poultry, dairy, legumes, spices and sesame
ICRISAT & SBN	attention to sesame breeding – this is an ‘orphan’ crop, especially non-shattering varieties
ICRISAT–ICARDA–CIMMYT & ISSD	release/scaling of new varieties in Ethiopia
CIMMYT & ISSD	upscaling of small seed packages
CIP–IITA & ISSD	tools and methods for measuring and understanding farmer demand (RTB programme)