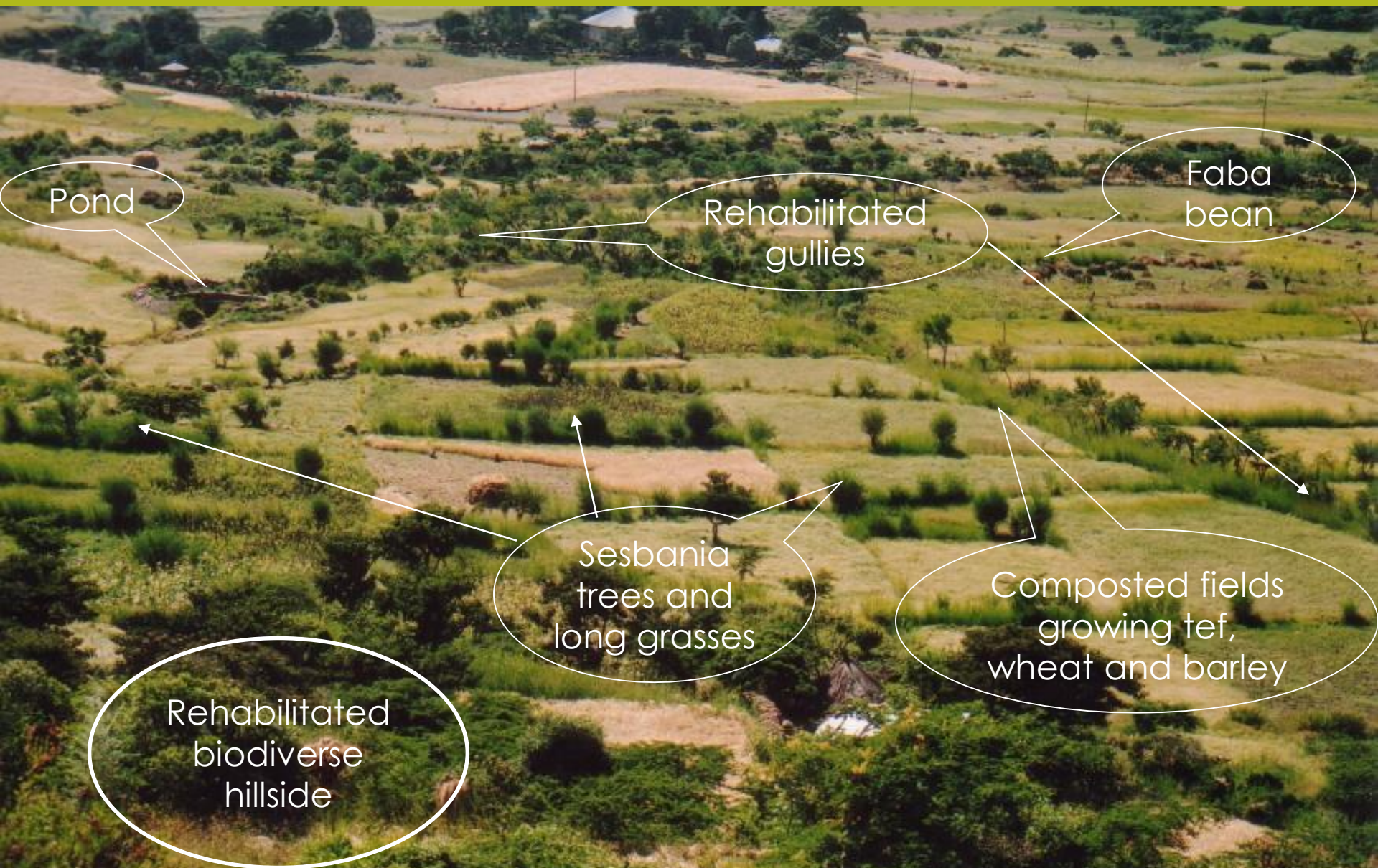




# **Climate change mitigation and SD benefits in agriculture The Farmers' Constituency view**

10 May, 2017 | SB46, Bonn | Gábor Figeczky

# Tigray, Ethiopia: organic ag practices increase productivity while keeping emissions low



Pond

Rehabilitated  
gullies

Faba  
bean

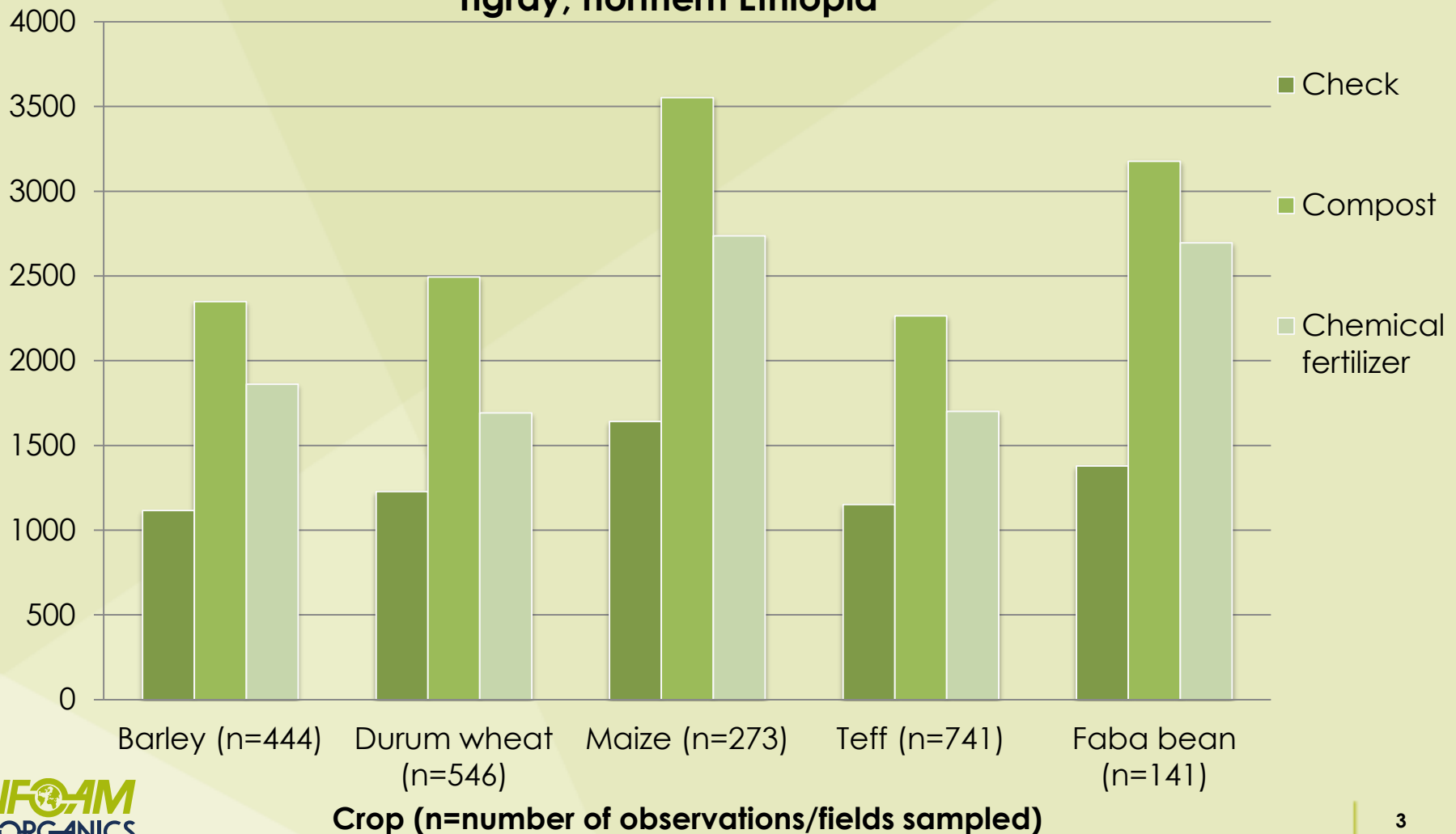
Sesbania  
trees and  
long grasses

Composted fields  
growing tef,  
wheat and barley

Rehabilitated  
biodiverse  
hillside

# Impact of using compost – grain yields from over 900 Samples from farmers fields over 7 years

**Average mean grain yields in kg/ha for 4 cereals and 1 pulse crop from Tigray, northern Ethiopia**



# Kenya: biogas digesters and bioslurry



small size biogas digesters

bioslurry used as liquid fertilizer

up to 60% increase in productivity  
and enhanced produce quality

improved welfare of poor rural women through the reduction of time spent in fuel wood collection and by reducing their exposure to toxic fumes from cooking over open fires

# Recommendations

- No one-size fits all for the diverse farming systems across the world
- Investment in research and development and extension services
- Incentivise energy efficiency and renewables
- Promote, scale-up and out multiple benefit solutions:
  - improved management of soil, water, nutrients, livestock health and nutrition + reductions in GHG emission intensity
- Build on local and indigenous farmer knowledge
- **Empower farmers by putting them at the centre of discussions and action, here at UNFCCC, too!**

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**THANK YOU!**  
[www.ifoam.bio](http://www.ifoam.bio)

See how climate change affects African farmers and how they see their way out [here](#).