



Drylands Development Programme (DryDev)

A Farmer-led Programme to Enhance Water Management, Food Security and Rural Economic Development

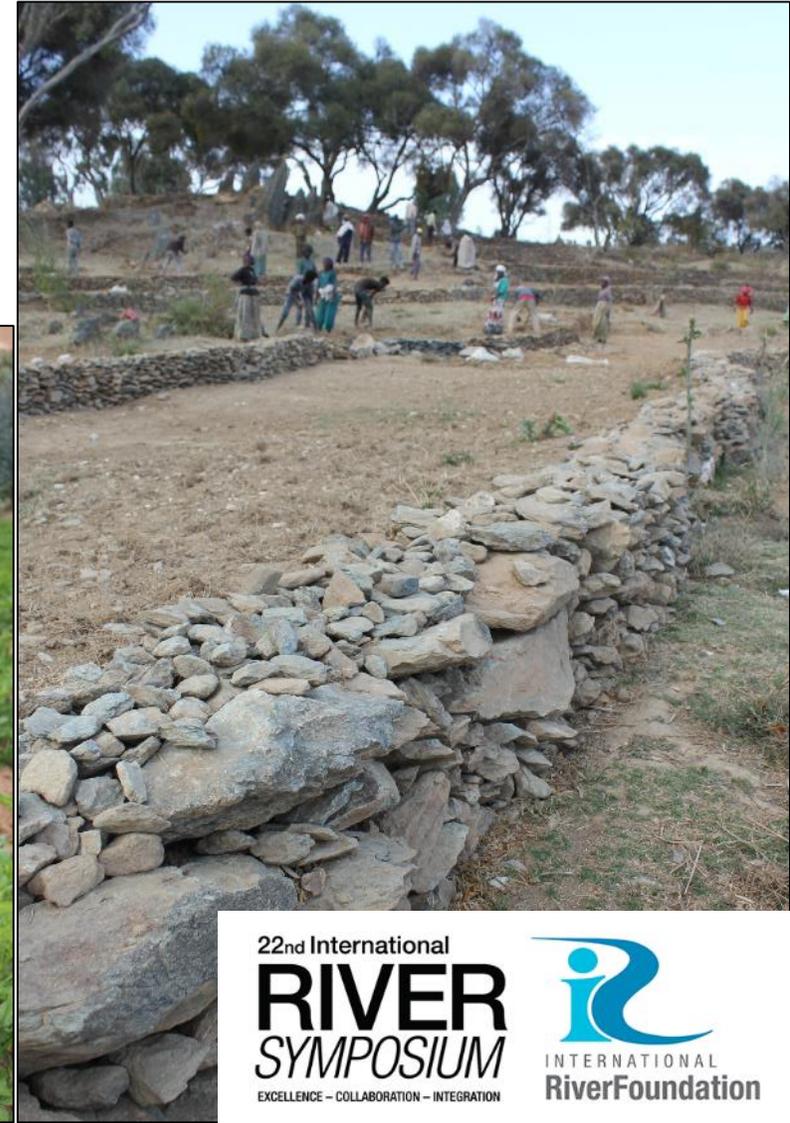


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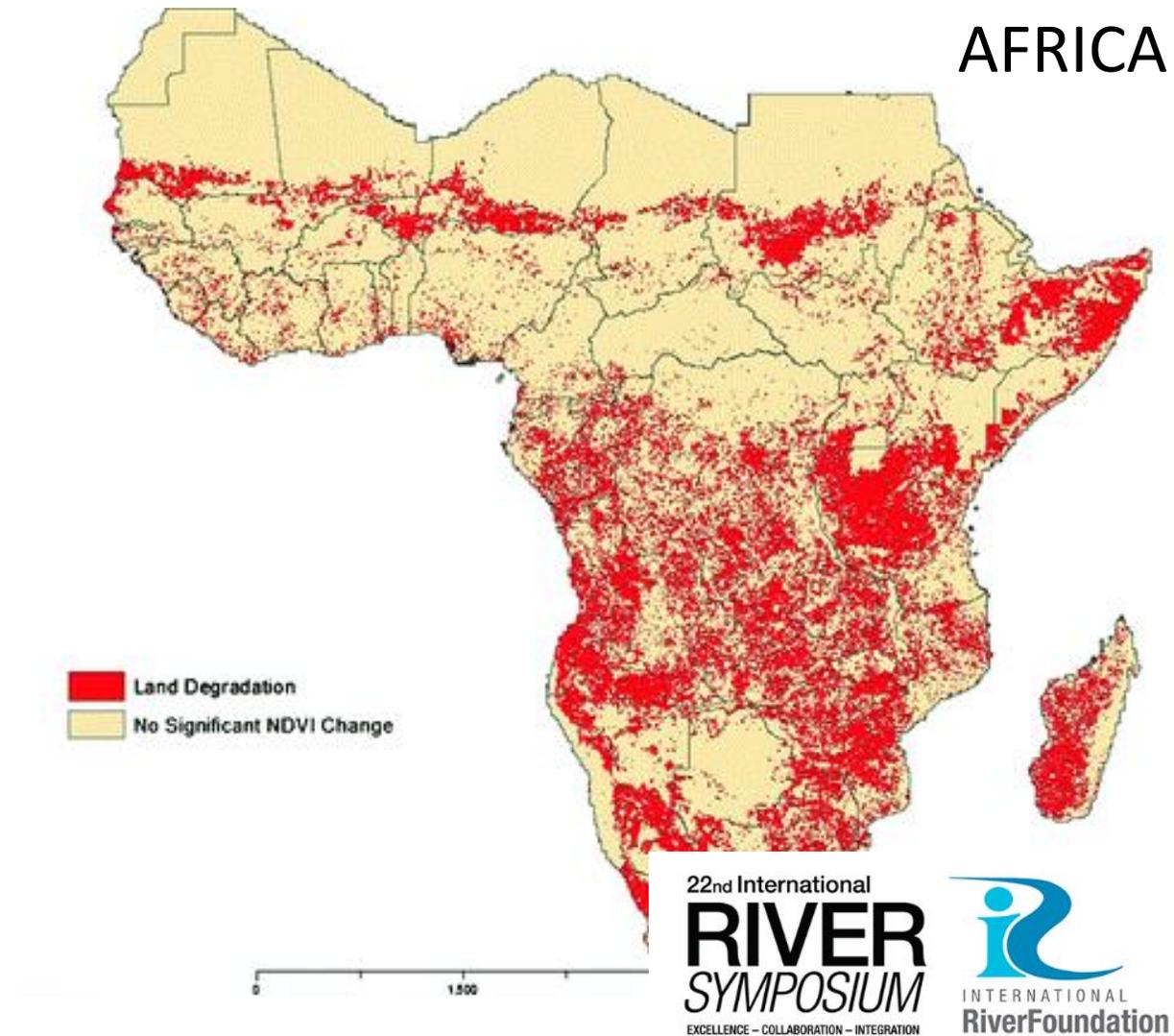
Landscape restoration is far more than just *land restoration*

The ultimate solution to poverty and migration in dryland areas



Drylands and land degradation

- Drylands make up 43% of total land area in Africa
- 325 million people
- Susceptible to degradation: overgrazing, over-cutting → erosion, nutrient loss, lack of organic matter
- Climate change → unsustainable practices → migration



DryDev in a nutshell

VISION: to contribute towards the transition of smallholder farmers in dryland areas from subsistence farming and emergency aid to sustainable rural development

Donors	General Directorate of International Cooperation (DGIS), Ministry of Foreign Affairs, Netherlands World Vision Australia
Implementing agency (Fund manager)	The World Agroforestry Centre – ICRAF
Focal countries	<u>East Africa = Ethiopia, Kenya</u> West Africa = Mali, Niger, Burkina Faso
Duration	6 years (Inception Phase = CY14; Implementation Phase = CY15-19)
Programme budget	US \$49.9 million
Overall target	227,000 farmers (50% women)

Landcare methods restore hydrological balance and improve access to water

Farmers are assisted in converting water into increased production, improving soil fertility on farm lands

Food security and market-derived income increased



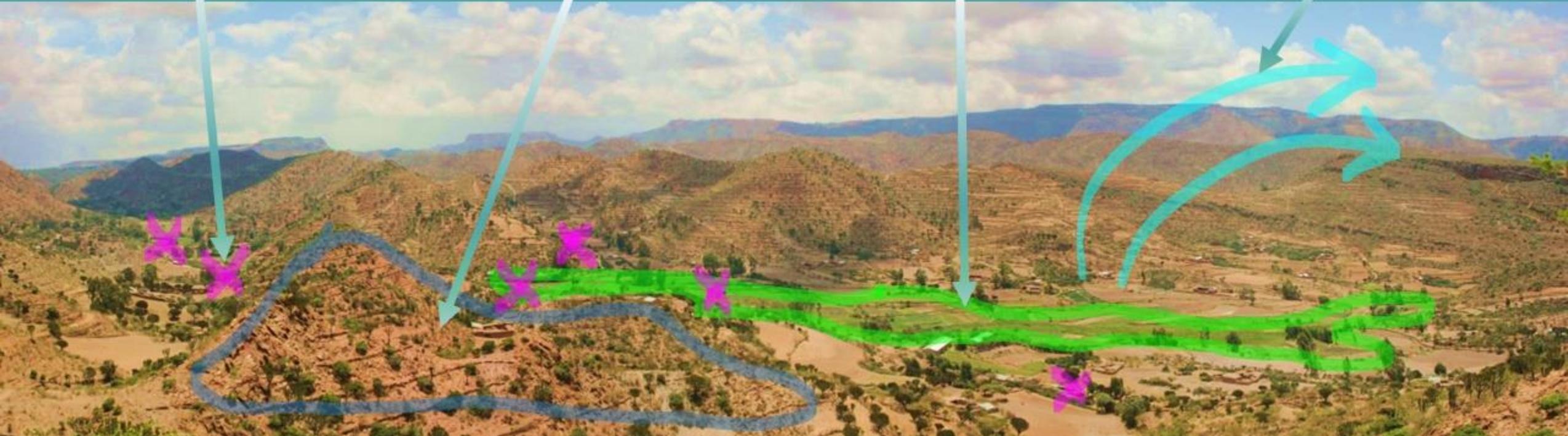
Policy influencing

Weirs, dams and gabions in streams and gullies

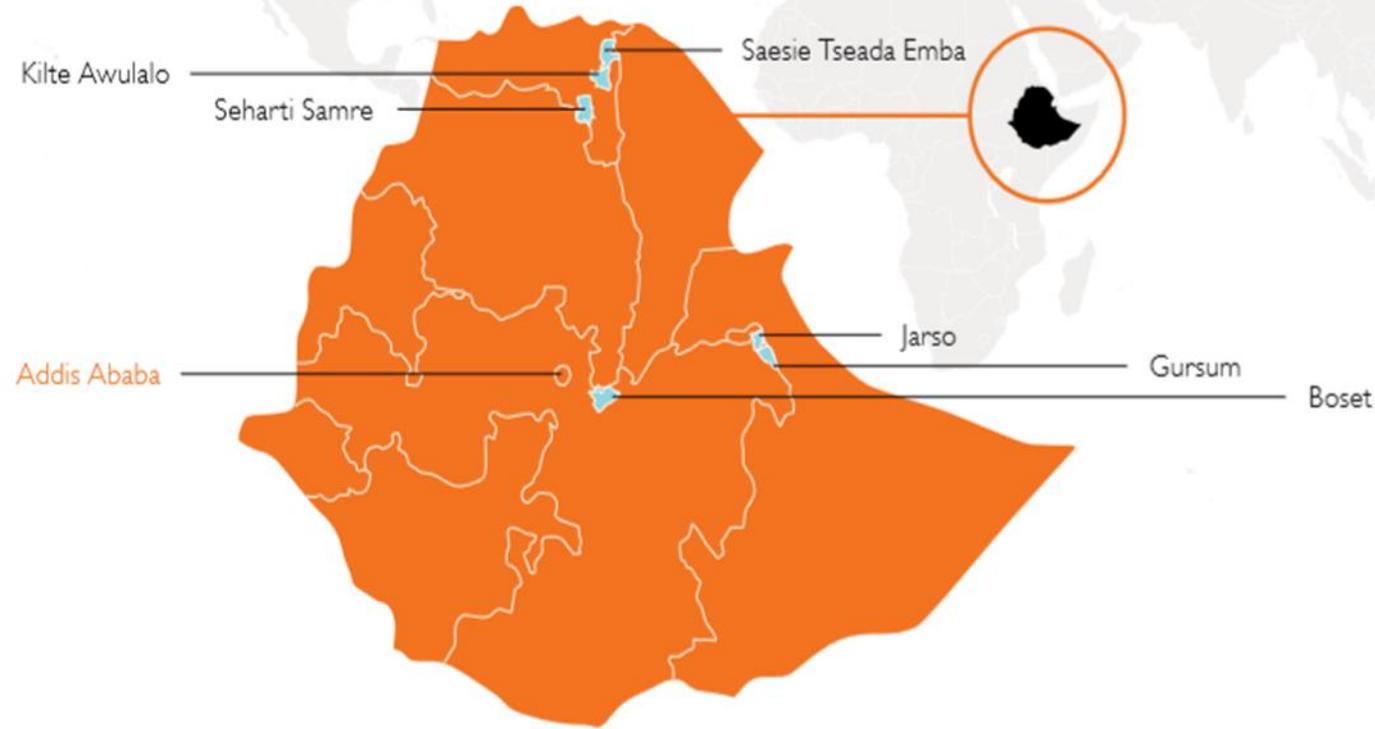
Terraces, tree planting, and natural regeneration on slopes

Spring water now supports irrigated crops and fruit trees in valley

Excess produce sold through farmer groups to markets



Ethiopia



29 sub-catchments in 6 districts:

- Oromia = Boset, Jarso, Gursum
- Tigray = Ts/Emba, K/Awulalao, Samre

Partners: WVE, REST, EOC

Target = 40,000 farmers (50% women)





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Before



Gully in Maago sub-watershed, 2014

After



Restoration in Maago sub-watershed, 2018

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Achievements- Reach & Results



Ethiopia

Kenya

Farmers reached	58,429 (22,441 W) - (46%)	35,566 (23,590 W) – (3%)
Land rehabilitated	43,678 ha	20,095 ha
% Practicing Soil & Water Management	84%	80%
% Practicing Climate Smart Agriculture	92%	42%
Value Chain participation	21,602 (9,221W)	11,459 (6,880W)
Savings and Access to Finances	US\$32 to US\$76	US\$34 to US\$97
Farmer Organisations	281	241

Achievements- Impact - Ethiopia



Household Dietary Diversity

1.89 → 5.07



Hungry Months

3.41 → 1.6

93% reported no hunger



Income and expenditure

Nearly doubled



Achievements- Impact- Kenya



Household Dietary Diversity

4.4 → 9



Hungry Months

3.87 → 1.55

95% decrease in children eating less



HH asset score

Increased by 35%



Achievements- External Evidence- Kenya



The community attitude has changed from that of desperation to hope. The community no longer expects free food aid from the government but asks for investment in interventions that will help them become self-reliant for food and water at the community and household level.

The prog. has helped improve living standards in targeted communities enabling farmers to increase their incomes by participating in DryDev selected value chains. Their level of dependency on food aid has been reduced and in some places the reviewers observed that farmers no longer need food aid but do need support to produce their own food. This has given the farmers a sense of confidence and that they can work towards achieving food security without relying on aid.

Challenges



- Context matters: balancing plans with adaptation + flexibility



Q&A



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