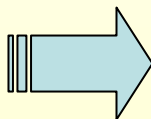


# Oasis

CGIAR Initiative to Combat Desertification

Building Lives,  
Saving Lands



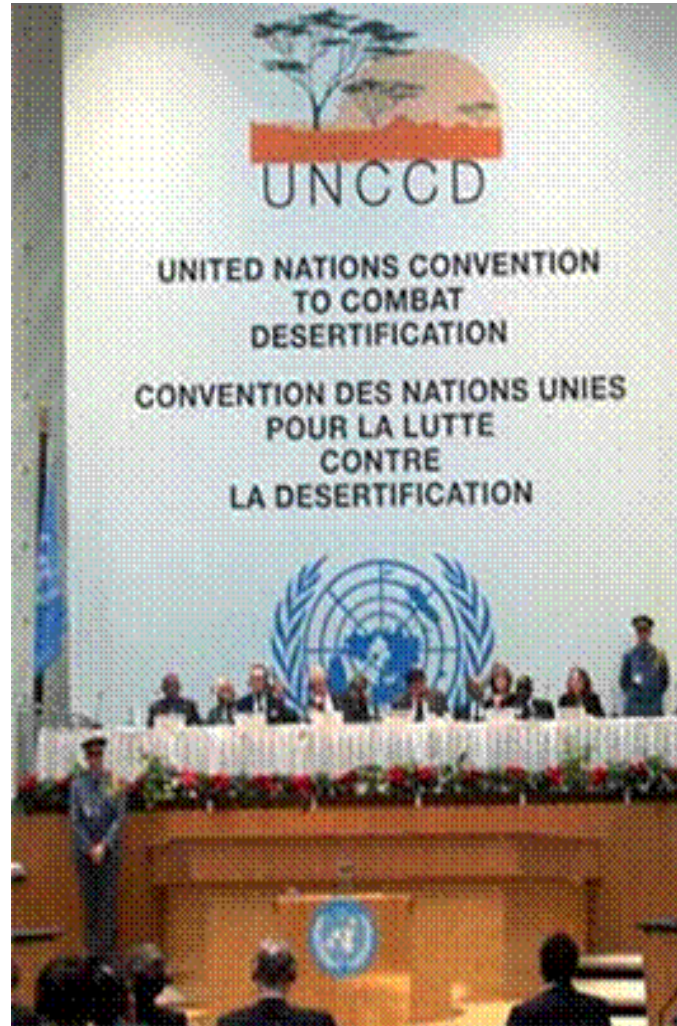
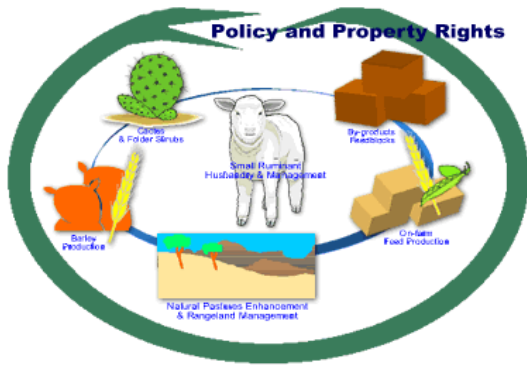
# WHAT IS DESERTIFICATION?

- **Loss of vegetative cover > wind, soil and water erosion**
- **Decline in biodiversity**
- **Breakdown of ecosystems**
- **Downward spiral of poverty**



# BUILDING ON MOMENTUM

## The Mashreq/Maghreb Project



## The Desert Margins Program





# Land Cover: The Key to Arresting Desertification

***\*\*But how do we  
achieve sustainable  
land cover?\*\*\****

# The Oasis Approach

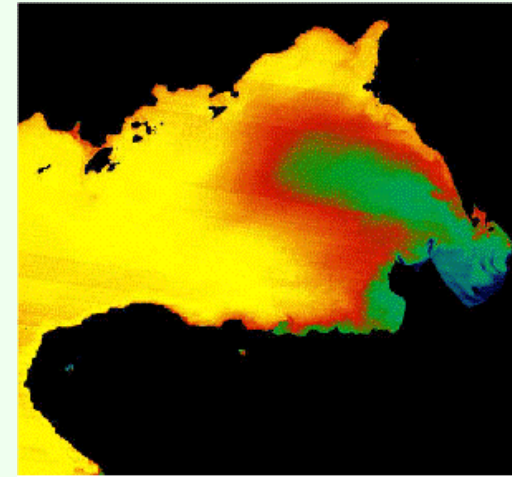
Interventions will only succeed if they:



# Oasis Knowledge Streams

# KStream 1: Understanding and assessing human-induced land degradation

Land Degradation Surveillance Framework (ICRAF)



Sediment plume in the Winam Gulf



# KStream 2: Improving land, soil, water management

fallow

Soil fertility declines along gradient outside African dryland villages



# KStream 3. Improving dryland policy, market, and institutional options to combat desertification



Cooperative credit with grain as collateral - to overcome credit constraint to fertilizer use in Niger



Grain stores

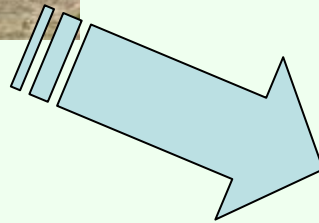
Input supply 'boutiques'



# KStream 4. Development pathways and livelihood options



Farmer-managed natural regeneration of *F. albida* in Niger to improve land quality – crops intersown



High-value trees and crops



# KStream 5. Improving co-learning by linking sources of local and scientific knowledge in the drylands

*Differing perceptions of priorities for dryland Syria*



*Farmer-researcher dialogue in Niger*

- **Researchers' views:**

<b>Lamb fattening</b>	<b>23</b>
<b>Micro-credit</b>	<b>22</b>
<b>Water harvesting</b>	<b>8</b>
<b>Home garden</b>	<b>8</b>
<b>Jabban institution</b>	<b>3</b>

- **Policy makers' views:**

<b>Water harvesting</b>	<b>8</b>
<b>Micro- Credit</b>	<b>7</b>
<b>Modern irrigation techniques</b>	<b>4</b>
<b>Lamb fattening</b>	<b>3</b>
<b>Barley varieties</b>	<b>1</b>

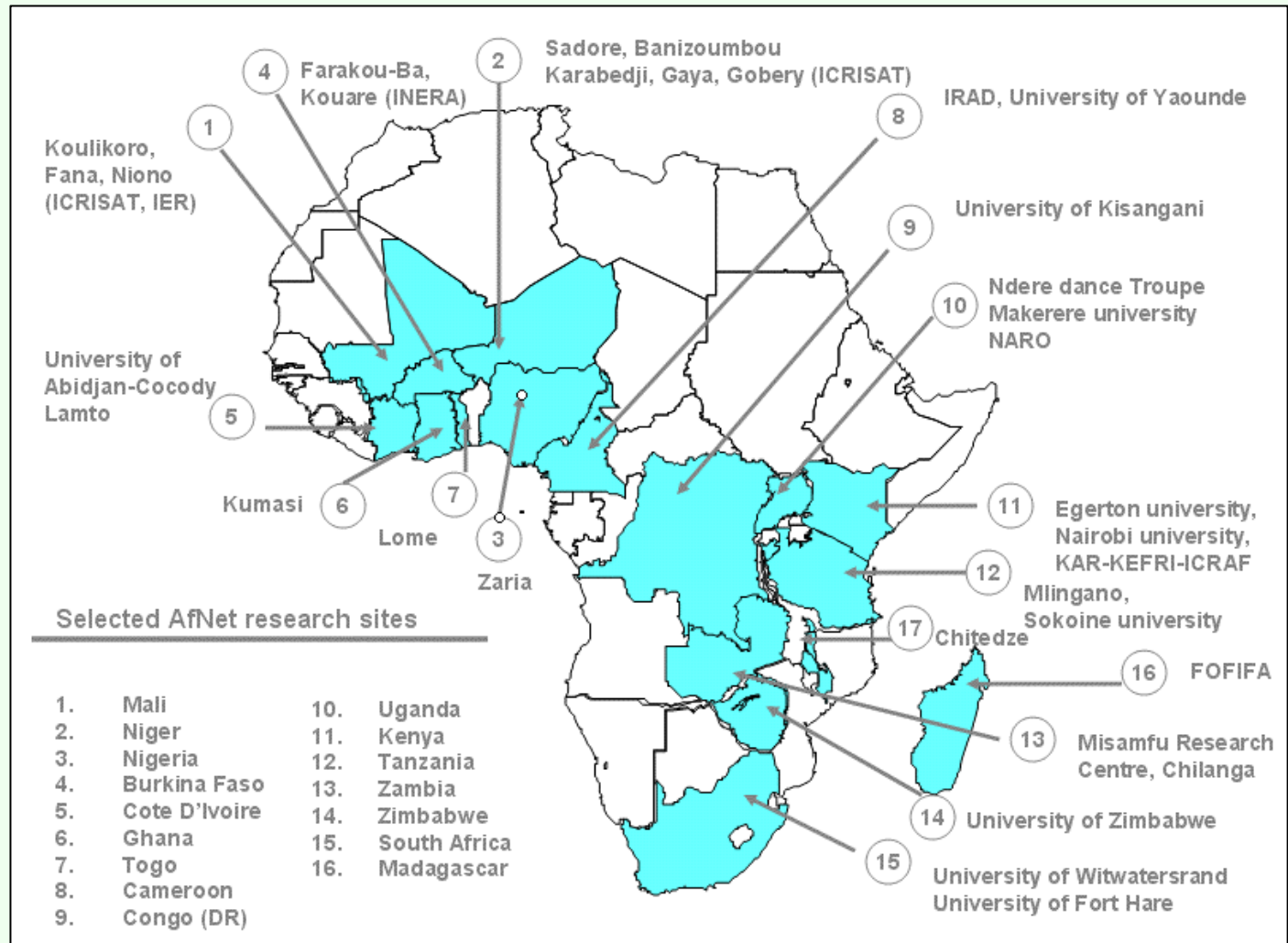
# Partnerships

*Despite the UNCCD, there is  
the perception that little is  
being achieved on the ground*

Oasis partners have well characterized  
benchmark sites and broad  
partnerships on the ground to  
resolve this

# KStream 2. Improving dryland landscape, soil, water and nutrient management

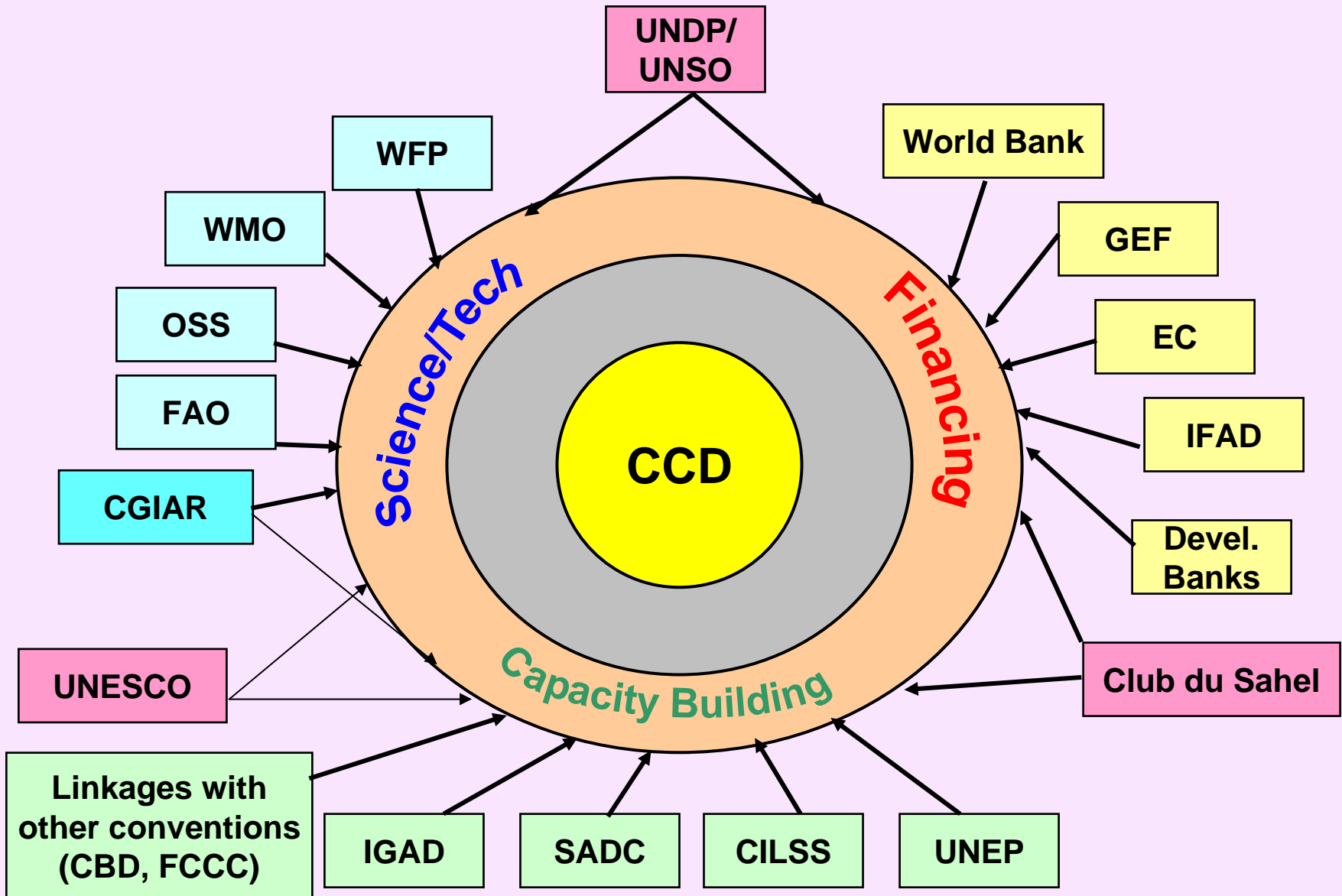
*AfNet has more than 100 research sites in Africa*



*There is criticism that institutions do not work together and compete with each other for projects*

The Oasis platform can foster research-for-development partnerships

# The International system of institutions addressing desertification



# Partnerships

- UNCCD and its TPNs, NAPs
- NEPAD
- CILSS, OSS, TerrAfrica
- Sister CGIAR Programs: 12 Centers, SSA-CP, WF-CP, SLP
- Regional Programs: DMP, CACILM, CWANA+
- ARIs: CIRAD, IRD, CEH, Desert\*Net, Columbia U., more
- Regional NARS bodies: GFAR, FARA, APAARI, CORAF, ASARECA, SADC
- NGOs: IUCN, WWF, WorldVision, CRS, UNDP, more
- Investors: GEF, IFAD, IsDB, EC, France, USA, UK, EU, Germany, Norway, Sweden, Switzerland, India, Gates, etc.
  
- And many, many more

# Thank You



Building Lives,  
Saving Lands

