

# ICRISAT in East and Southern Africa

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# Regional Operations



## Crops



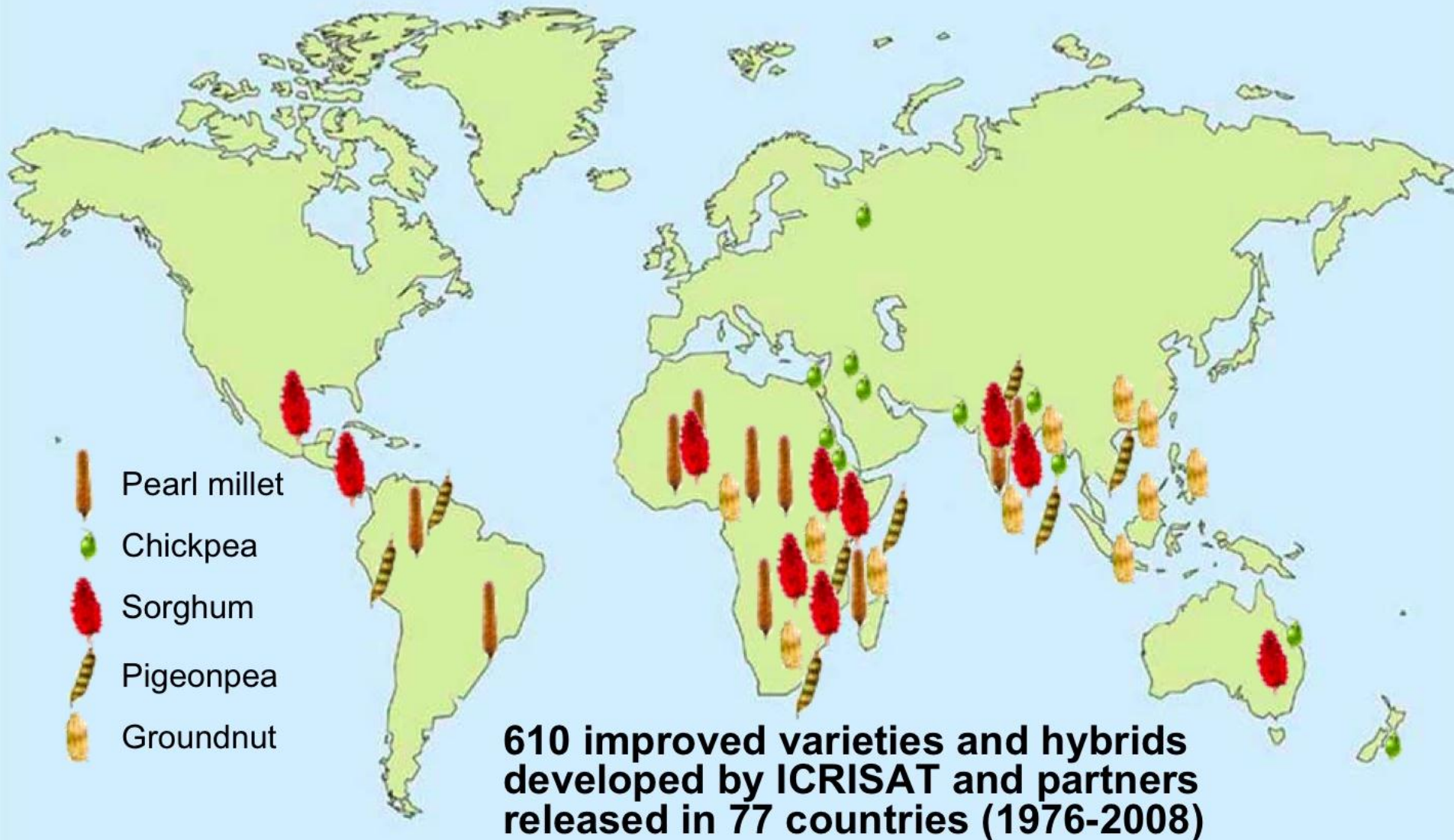
- ICRISAT in ESA is headquartered in Nairobi
- Country Offices:
  - Malawi
  - Zimbabwe,
  - Mozambique,
  - Ethiopia
- South Sudan is the newest addition

# ICRISAT's Agricultural Innovation Portfolio

<p><b>S&amp;T for develop</b></p>	     
<p><b>Improving relevance and impact</b></p>	    
<p><b>Strategic partnership for delivery</b></p>	    



# Global impact of ICRISAT's crops



# Impacts - Groundnut



- 16 new ICRISAT based varieties of groundnut released in ESA between 2008 and 2011
- In Malawi, 110 Community Seed Banks produced 800 t of groundnut seed
- Similar systems being set up in Zambia, Tanzania and Uganda

# Impacts - Pigeonpea



- In Tanzania, area increased fourfold and productivity rose from 0.5 to 1 t/ha
- Northern Tanzania now exports 20,000t
- In Malawi, area increased from 123 to 197K ha and productivity from 0.6 to 1.0 t/ha in 12 yrs
- Pigeonpea now spreading into new areas of Kenya, Malawi, Mozambique and Tanzania
- Entry of large traders has boosted production

# Impacts - Chickpea



- Focal countries: Ethiopia, the largest producer in SSA , Tanzania and Kenya
- Introduced large-seeded ***kabuli*** types that get premium price and ***desi*** types that are high yielding and resistant to Fusarium wilt
- Ethiopian production doubled since 2003, annual exports now valued at \$21 million
- Tanzania exports 74 % of chickpea production valued at \$ 7 million



# Impacts – Sorghum



- Growing demand from food and brewing industries
- Four hybrids and ten OPV varieties identified for brewing industry
- Two hybrids with 30% higher yield released and being promoted in Ethiopia
- HOPE project has produced 300+ tons of certified seed for four multiple use varieties



# Impacts – Millets

- 5+ pearl millet varieties released for dry, hot environments in Eritera
- Seed multiplication of pearl millet was 83 t and in 5 years is 200+ t
- Recent finger millet releases include:
  - Ethiopia: Padet (KNE409) and Tadesse (KNE1098)
  - Uganda: Pese 1, Gulu E, Serere 1; Seremi 1, 2 (U15) and 3
  - Kenya: P224, KAT/FM1, Gulu E, U15 and Nakuru FM1



# Innovation Partners

- Universities (North and South)
- NARS
- Civil society
- Farmer organization
- ODA and other development partners
- SROs
- Private sector

Thank you