

HIGHLIGHTS

FAO and donors are helping nearly 114 900 flood-affected families to restore their food production and livelihoods



Australian Government
Aid Program

THE BELGIAN
DEVELOPMENT COOPERATION

be



Canadian
International
Development
Agency

Agence
canadienne de
développement
international



Sida



UKaid
From the Department for
International Development

Crop production

85 000 families

Livestock support

29 896 families

- **Prioritized FAO interventions:**
 - ❖ ensure planting where conditions permit through provision of crop seeds and fertilizer, and repair of vital infrastructure through cash-for-work schemes.
 - ❖ keep livestock alive, productive and healthy by distributing animal feed, fodder seed and veterinary supplies.
- **Funds and inputs must be secured now to prepare for *Kharif* (spring) planting**, which include staple foods such as rice, as well as fodder crops and summer vegetables.
- **FAO is well positioned to ensure effective, well-targeted assistance**, stemming from its extensive response to the 2010 floods and related preparedness work – from contingency planning to detailed livelihood assessments.

BACKGROUND

- **Heavy monsoon rains** beginning in mid-August led to severe flooding in Sindh and Balochistan provinces of southern Pakistan, where 70 percent of people depend on agriculture for their livelihood.
- **Around 10 percent of the flood-affected area remains inundated.**
- **The floods left 3 million people in urgent need of agricultural support** to resume farming activities – their main source of food and income. Around 35 percent of the affected population was also struck by floods in 2010.
- **Pakistan Floods Rapid Response Plan 2011:** launched 18 September to meet immediate needs in the food security, WASH, health and shelter sectors. FAO appealed for USD 18.9 million within the Plan and is co-leading the Food Security Cluster with the World Food Programme (WFP).

Flood damage/losses

- **Affected population:** 5.1 million (Sindh, Balochistan)
- **Standing crops:** 0.88 million ha damaged/destroyed – e.g. cotton, rice, sugarcane, sorghum, pulses, vegetables (Sindh)
- **Livestock:** 116 000 dead; 5 million affected; 33% killed/sold (Sindh)
- **Irrigation:** 20 400 structures submerged (Sindh)

Sources: PDMA, Departments of Agriculture and Livestock Extension (Sindh, Balochistan), MSNA

CHALLENGES FACING AGRICULTURE

- ❖ **Standing crops, stored seed/grain and productive assets were lost, leaving the population food insecure and unable to resume crop production.** Depending on the crop, 63-100 percent of the expected 2011 *Kharif* (spring) production was lost in affected areas.
- ❖ **Meeting planting deadlines is critical to recovery and cannot be underestimated.**

Rabi planting (Oct.– Dec.)

Many affected farmers missed the opportunity to plant wheat due to water recession rates and lack of rapid funds.

Zaid Rabi planting (Jan. – Feb.)

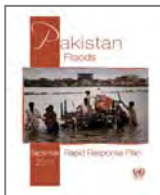
Farmers required inputs to cultivate *Zaid Rabi* crops (e.g. sunflower, vegetables, pulses) particularly where *Rabi* planting was not possible.

Kharif planting (Mar. – Apr.)

Funds and inputs must be secured now to ensure that farmers can plant *Kharif* crops, including rice and vegetables.

- ❖ **Livestock are vital to livelihood recovery.** Livestock, primarily managed by women, provide a vital source of meat, milk, income and draught/tillage power, and often represent a family's entire savings.
- ❖ **Recurrent floods demonstrate the need for consistent levels of funding for disaster mitigation activities.**

FAO PRIORITY INTERVENTIONS: USD 18.9 million



- **FAO appealed for USD 18.9 million**, within the 2011 Pakistan Floods Rapid Response Plan, to provide time-critical support to save, protect and restore agricultural livelihoods (total Food Security Cluster requirements: USD 174 million).
- **FAO has received USD 13.3 million** in contributions from Australia, Belgium, Canada, CERF, Sweden and the United Kingdom.

Emergency assistance to support agriculture-based livelihoods of vulnerable flood-affected households in Sindh

OCHA code	Objective	Funding	
		Requested	Received
PAK-FL-11/A/43136/123	To provide immediate livelihoods support to ensure livestock survival and immediate resumption of agricultural activities.	USD 18 900 000	70.4%

FAO IN ACTION



Australian Government
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Canadian International
Development Agency



FAO's assistance to flood-affected families in Sindh and Balochistan provinces includes approximately:

- **85 000 households** (535 500 people): receiving wheat, vegetable and sunflower seeds and fertilizers for the winter (*Rabi* and *Zaid Rabi*) planting seasons.
- **29 896 households** (188 345 people): receiving animal feed and veterinary supplies to safeguard livestock survival.

Input	Total quantity	Delivered as of 23/01/12	Unit
Wheat seed	1 325	1 325	tonnes
Sunflower	117	109	tonnes
Urea fertilizer	4 250	4 250	tonnes
DAP fertilizer	4 250	3 805	tonnes
Vegetable seeds	20	20	tonnes
Animal feed	522	522	tonnes
Wheat straw	5 619	5 619	tonnes
Dewormer	23 200	23 200	tablets

SPENDING TO SAVE

It is around 90% less expensive to save a large animal – such as a cow or buffalo – than to replace it.

FAO's 2010 wheat seed and fertilizer distribution to farmers cost only 30% of the total value of the wheat grain harvested from that intervention.

Cash-for-work provides much needed income to affected families and gives them choice, while rebuilding community-based assets.

MOVING FORWARD AND BUILDING ON PAST EXPERIENCE

FAO's 2010 flood response reached 7 million people (900 000 families) with winter and spring planting inputs, livestock support and irrigation repair.

Preparedness: worked with government/sectoral partners to develop contingency plans; completed a post-flood Detailed Livelihoods Assessment in 28 districts; flood modeling and mapping in collaboration with Pakistan Space and Upper Atmosphere Research Commission; preparation of district level Hazard, Livelihood and Vulnerability Baseline, Contingency Plans and *Rabi* Season Guidelines.

Presence: FAO has strengthened its presence and partnerships in Pakistan, with a national office in Islamabad and provincial coordination offices in Peshawar (Khyber Pakhtunkhwa), Multan (Punjab), Hyderabad (southern Sindh) and Sukkur (northern Sindh), with presence in Quetta (Balochistan).



2010 Floods Response

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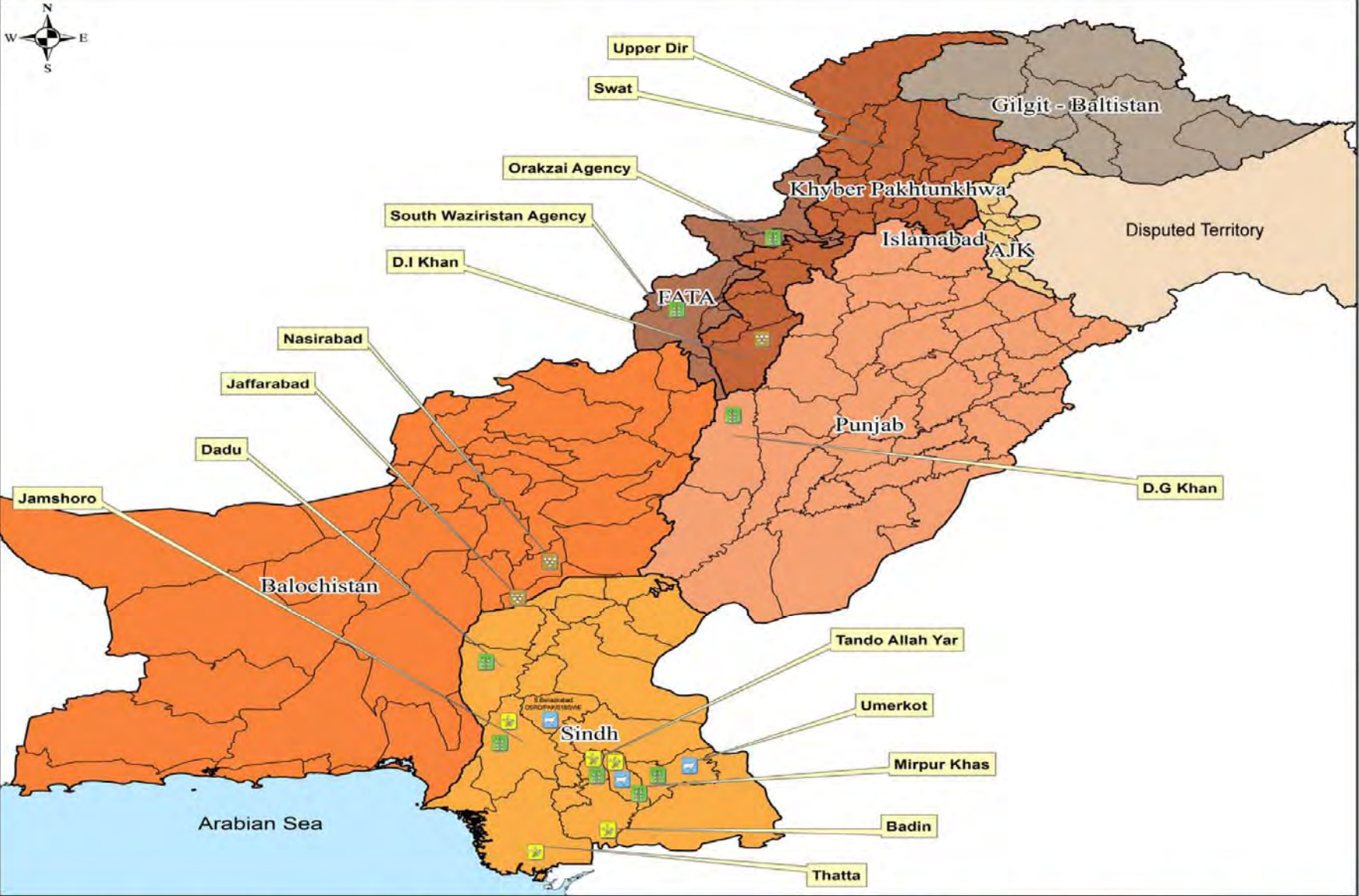
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FAO Projects 2011-12



Legend

- Provincial boundary
- District boundary
- Wheat Seed
- Wheat Straw/ Animal Feed
- Sunflower
- OAT Seed
- Emergency Projects
- Non Emergency Projects



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OSRO/PAK/101/SPA
USD 2,816,901
(Jafferabad, Naseerabad, D.I.Khan)
11,550 HH
Aug 11- July 12
(21.88 Mt Urea, 4.80 Mt NPK Fertilizer, 7 Mt Oats seed and 480 Kits of Vegetable Seed)



OSRO/PAK/106/ITA
USD 1,272,984
(Swat, Upper Dir)
Nov 11- Oct 12

OSRO/PAK/103/CHA
USD 799,519
(SWA, OA)
5600 HH
Sep 11- Jun 12

OSRO/PAK/102/BEL
USD 2,853,067
(Dadu, Jamshoro, D.G.Khan)
12,000 HH
Aug 11- July 12

OSRO/PAK/109/UK
USD 3,125,000
(Badin, Mirpurkhas, T.A.Yar, Thatta)
23,500 HH
Dec 11- Aug 12


OSRO/PAK/107/AUL
USD 5,003,597
(Badin, Mirpurkhas, Thatta)
35,000 HH
Oct 11- Aug 12

OSRO/PAK/104/CHA
USD 797,111
(Mirpurkhas)
11,600 HH
Oct 11- Apr 12


OSRO/PAK/108/SWE
USD 4,217,503
(Mirpurkhas, Umerkot, T.A. Yar)
26,500 HH
Nov 11- Nov 12

OSRO/PAK/105/BEL
USD 350,000
(Umerkot)
8,166 HH
Nov 11- Jan 12


OSRO/PAK/018/SWE
(S. Benazirabad)
10,130 HH
1,666 MT Wheat Straw




(35 Mt Wheat Seed, 5.6 Mt Oats seed, 700 Kits of Vegetables)




(35 Mt of Wheat Seed, 5.60 Mt of OAT Seed, 35 Mt DAP, 52.5 Mt Urea)




(Sunflower 47 MT, UREA 1,175MT, DAP 1,175MT, Veg Seeds 9.5MT)




(1750 Mt of DAP, 1750 Mt of Urea, 70 Mt of Sunflower)



(2320 Mt of Wheat Straw, 522 Mt of Animal Feed, 23200 Blister Pack of Dewormer)



(1325 Mt of Wheat Seed, 1325 Mt of DAP, 1325 Mt of Urea, 26500 Vegetable Kit)

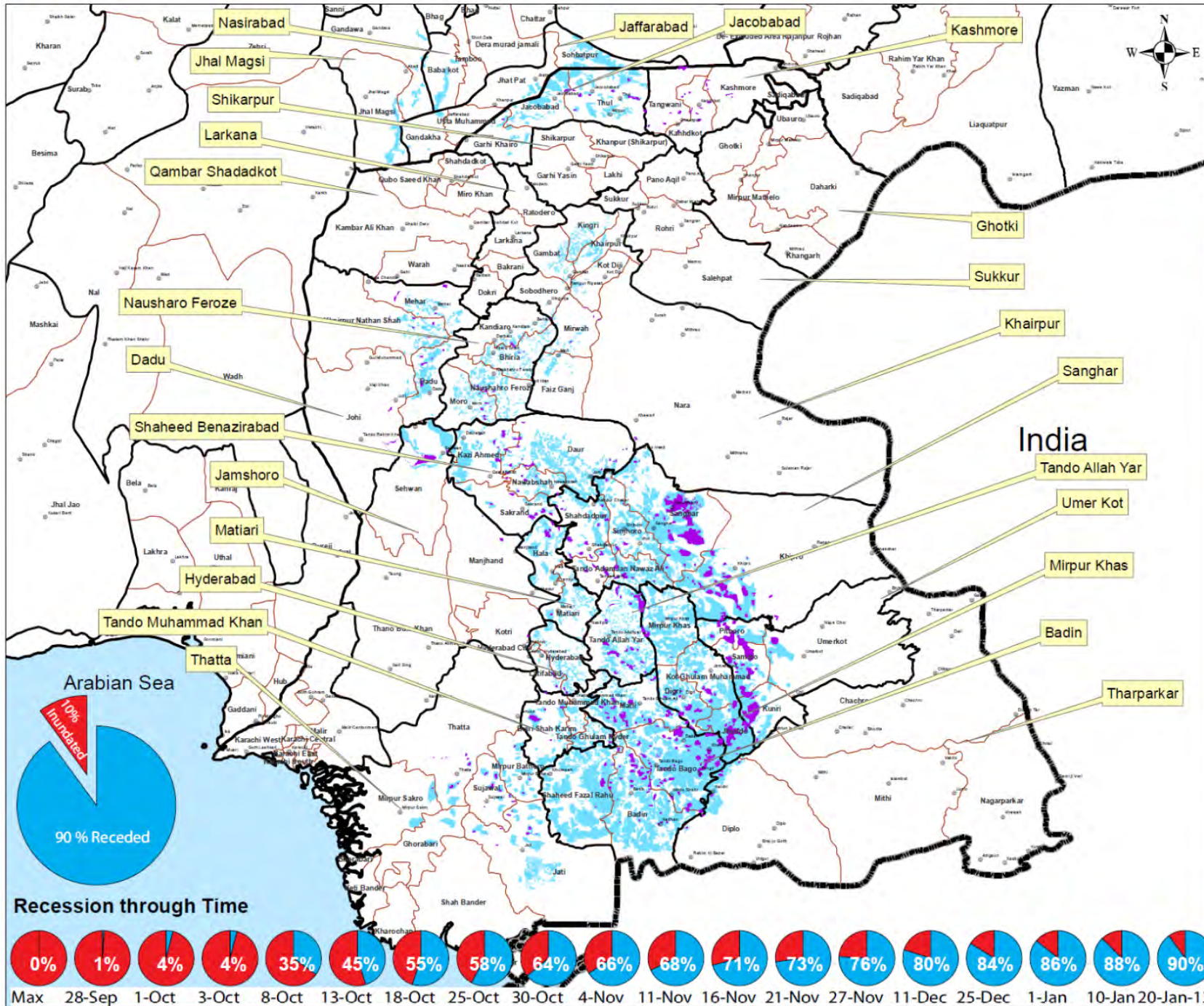


(1633 Mt of Wheat Straw)





Max Flood Extent against 20th January 2012 - Southern Pakistan



Legend

- International boundary
- Provincial boundary
- District boundary
- Tehsil boundary
- Major Towns
- Flood Extent January 20th 2012
- Max Flood Extent Sept 28th 2011



0 25 50 100 Kilometers

Data Sources
 Administrative boundaries: GAUL
 Data: SUPARCO
 Dated: 20th January 2012
 Creation date: 24th January 2012
 Code: FAOPK 1065_Pakistan_Floods2011_Map_v07_20120124

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