

Project for the Improvement of Rice Productivity in the Senegal River Valley (PAPRIZ)

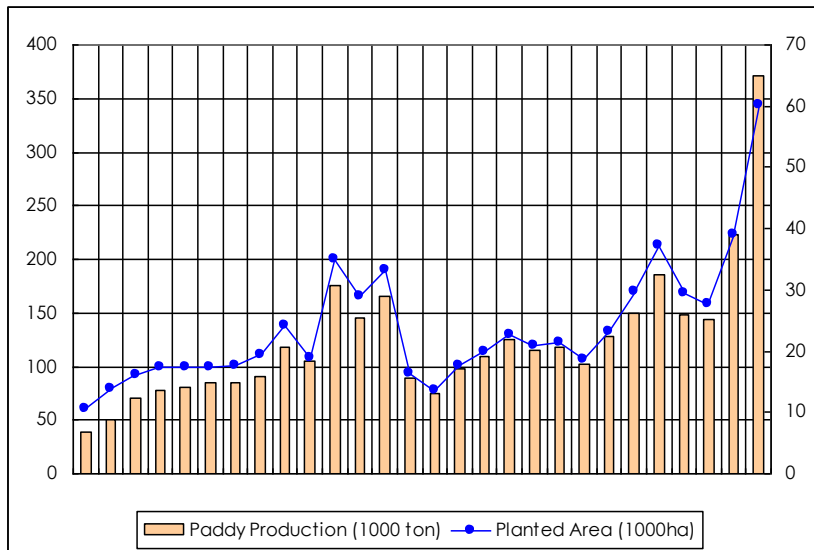


Improvement of the Podor PIV/PIP Irrigation Water Management

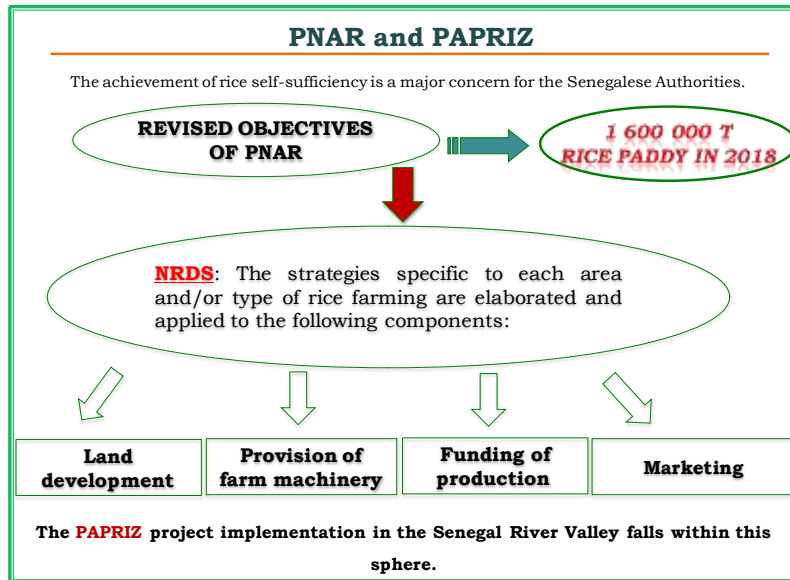
Dakar, 19 September 2012

SAED and JICA

Rice Production in Senegal



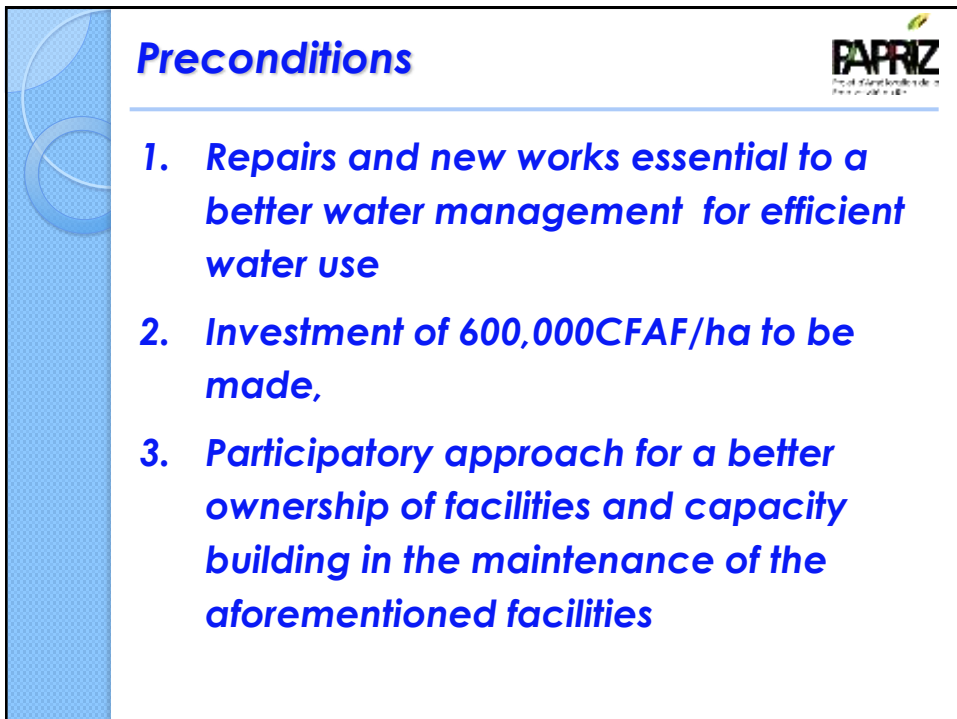
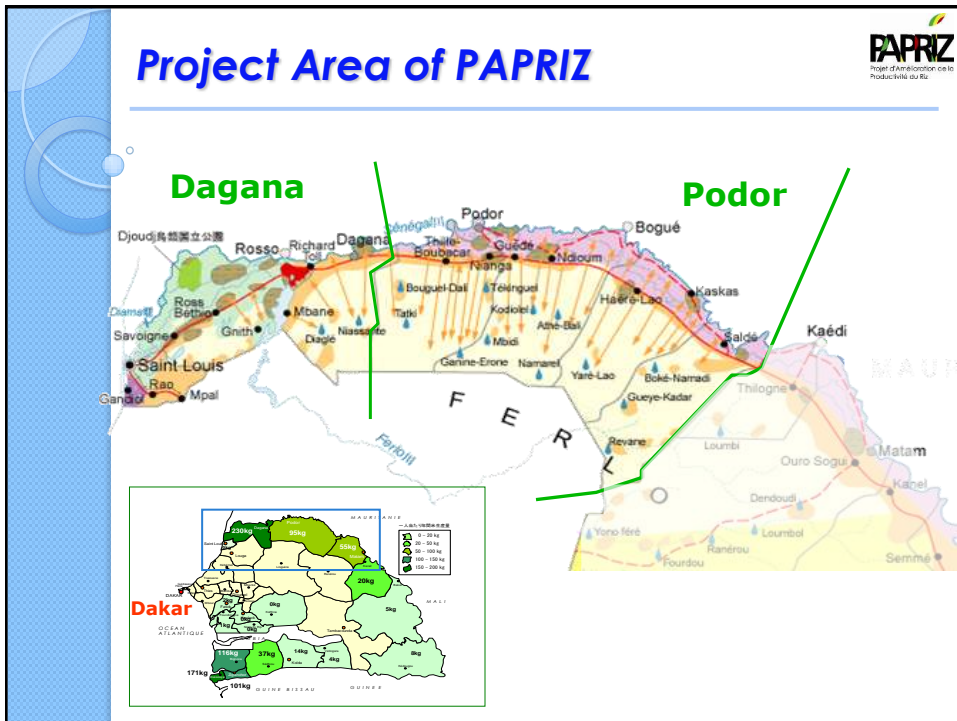
PNAR and PAPRIZ



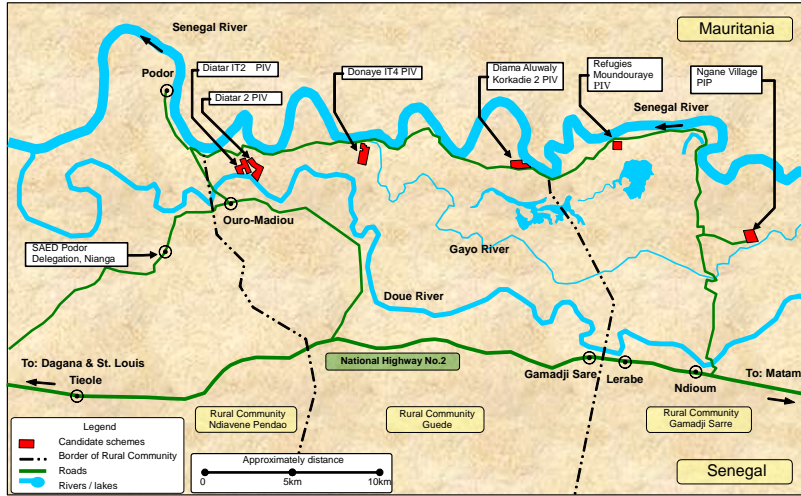
Objectives of PAPRIZ



- **Establishment of a high productivity rice farming in the pilot sites,**
- **Establishment of appropriate mechanisms for the planning of rehabilitations, management and maintenance in the pilot sites,**
- **Implementation of measures to improve the financial management of farmers, and**
- **Establishment of appropriate distribution channels for quality milled rice that meets the needs of Senegalese consumers.**



Selection of the pilot sites (252ha)



Implementation of the Pilot Projects in Podor

PIV of Donaye IT4 (50ha)

22 March 2011



Repair of the main canal

PIV of Donaye IT4 (50ha)

4 July 2011



Repair of the main canal

PIV of Réfugiés Moundouwaye (25ha)

24 mai 2011



Réparation de répartiteur

PIV of Réfugiés Moundouwaye (25ha)

26 aout 2011



Réparation de répartiteur

PIV of Diatar 2 (38ha)

24 May 2011



Intake canal of the pump and suction pit

PIV of Diatar 2 (38ha)

2 December 2011



Intake canal of the pump and suction pit

Famers' Participation in PAPRIZ



N°	Schemes	Households (HH)	Participation >30 days (HH)	Total number of man-day
1.	Diatar IT2	50	18	101
2.	Diatar 2	78	41	546
3.	Donaye IT 4	50	97	508
4.	Diam Alwaly & Korkadie 2	150	31	217
5.	Réfugiés de Moundouwaye	112	67	555
6.	Village de Ngane	160	56	640
	Total	600	310	2.567

23 March 2011 - 18 June 2011

Increased paddy production



Aspect	Unit	Rainy Season Rice 2010	Rainy Season Rice 2011	Difference
Harvested area	ha	60 (100)	111 (185)	51
Unit yield of paddy	ton/ha	4.2 (100)	4.1 (98)	-0.1
Paddy production	ton	252 (100)	455 (180)	203
Paddy production per GIE member	kg/member	420 (100)	758 (180)	338

Fuel cost saving



Aspect	Unit	Rainy Season Rice 2010	Rainy Season Rice 2011	Difference
Planted area	ha	60	111	51
Total fuel consumption	liter	8,395 (100)	11,541 (137)	3,146
Fuel consumption per ha	Liter/ha	140 (100)	104 (74)	-36
Fuel cost per ha	FCFA/ha	84,000 (100)	62,400 (74)	21,600

Irrigation schemes in Podor



Category	No. of Schemes (No.)	Developed Area (ha)	Currently Irrigable Area (ha)
Large-scale schemes (GA)	46	1,927	1,927
Medium-scale schemes (UAI)	117	4,197	3,977
Village irrigation schemes (PIV)	389	9,507	8,764
Private irrigation schemes (PIP)	780	7,925	7,268
Total	1,362	23,556	21,936

Prospects



1. *To continue rationalized rehabilitation of PIV by optimum investment,*
2. *To follow participatory approaches in rehabilitation of PIV,*
3. *To promote capacity building of extension workers and farmers in rice cultivation, and*
4. *To reinforce the institutional supports for more efficient implementation of irrigation development.*



***Project for the
Improvement of Rice
Productivity***

Thank you!