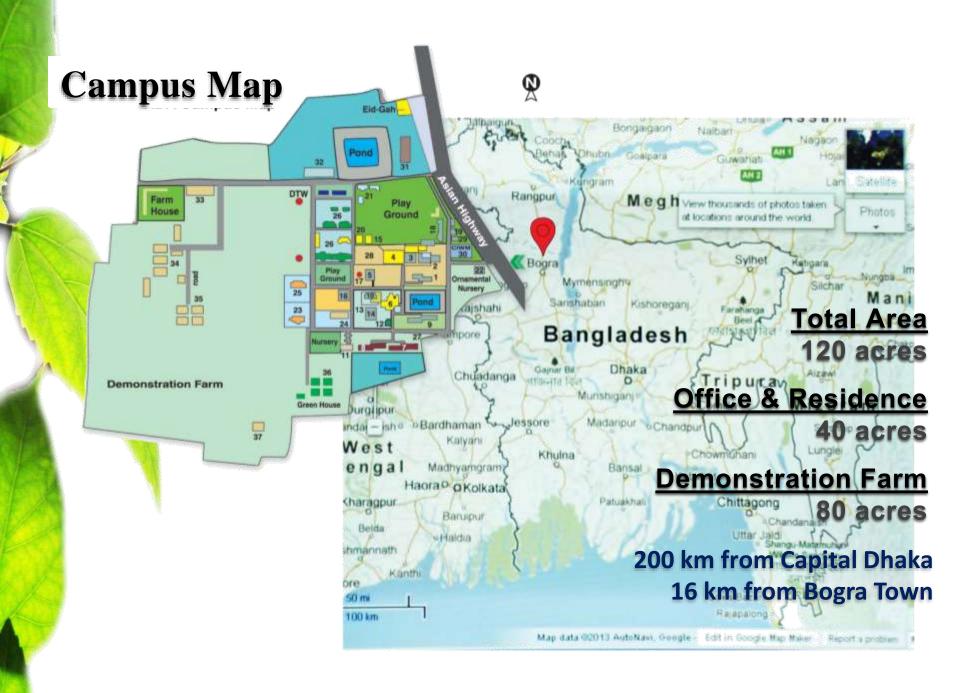






# RDA RURAL DEVELOPMENT ACADEMY, BOGRA ESTABLISHED IN 1974

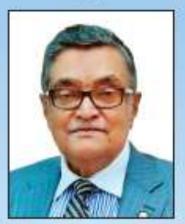




## **Panoramic View of RDA**



## **Chairperson**



Khandker Mosharraf Hossain, MP Hon'ble Minister Ministry of LGRD & Cooperatives

## **Vice Chairperson**



Mr. Md. Mosheur Rahman Ranga, MP Hon'ble State Minister Ministry of LGRD & Cooperatives

## **Member Secretary**

Director General, RDA, Bogra



## **Board of Governors**

### **Selected Members by the Government**

- ☐ Mr. Md. Habibur Rahman, MP, National Member of Parliament, Bogra-5, Government of Bangladesh.
- Mr. Md. Abdur Rahim, Secretary (Rtd.), Government of Bangladesh.

## Members (14)

- Sr. Secretary, Ministry of Public Administration
- Sr. Secretary, Ministry of Finance
- Secretary, Ministry of Agriculture
- Secretary, Ministry of Local Government
- Secretary, RDCD, Ministry of LGRD & C
- Member, Planning Commission
- Rector, BPATC
- Director General, BRDB
- Director General, BARD
- Commissioner, Rajshahi Division
- Registrar & DG, Department of Co-operatives
- Director, IBS, Rajshahi University
- Vice Chancellor, BAU, Mymensingh
- Director General, NILG

























































# RDA Facilities













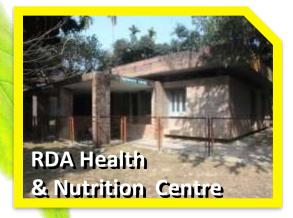




# RDA Facilities

















# Units of RDA Farm

















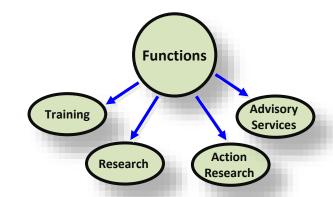
## RDA Lab School & Collage

				_		
		SSC Res	ult (2014 <sub>)</sub>	-2017		
Year	Total	Successful	A+ (%)	A	A-	Remark
2014	145	145	123 (85%)	85	22	20 <sup>th</sup> Place in Raj. Board
2015	135	135	113 (84%)	22		14th Place in Raj. Board
2016	163	163	142 (87.12%)	19	2	*****
2017	206	206	180 (87.38%)	26	-	Section 2
TO CO		A WAY	人們們不	7	3	
J. W. V		Carles B				
The state of the s		HSC Re	<b>suit (201</b> 4	4-201		
Year	Total	Successful	A+ (%)	A	Α-	Remark
2014	188	186	89 (48%)	90	22	17th Place in Raj. Board
2015	131	131	31 (23.66%)	100		
2016	313	312	82 (26.20%)	225	5	4.5
2017	219	219	46 (21%)	157	16	









Total Participants: 5,31,420 (upto February 2018)



Human Resources Development for Rural Development

## **RDA Training Categories**

















## **Training Achievement**

## **Foundation Training**



## **BCS (Health) Cadre Officials**

Total 65 Batch

#### **Engineers of LGED**

Total 02 Batch: 80 Participants

#### Officers of BBS

Total 1 Batch: 18 Participants



#### Officers of BRDB

Total 2 Batch: 100 Participants

### **BCS (Mixed Cadre) Course**

 Regular foundation training course for BCS Officials (6 months).
 Total 06 Batch: 300 Participants

## **Training Achievement**

## Training of Local Government Representatives





#### **UZGP**

- Upazila Parishad Basic Act and Administration-840 participants (Chairman, Vice-Chairman, UNO, Education, Agriculture, Family Planning Officers and Asst. Engineer).
- Upazila Parishad Basic Act and Activities- 456 participants.

#### **LGSP**

TOT for Upazila Resource Team- 1370 participants.

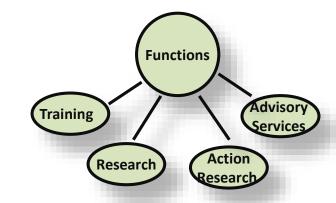
#### **CLP, LGED and UNDP**

 Union Parishad Chairman, Member, Women Member, Secretary -1500 participants.

#### MAB and UNDP

- Mayor, Councilor from different Pourasava and City Corporation – 555 participants
- A Training Module on Utilization of Water Resources was developed and trained all officials of BRDB, BADC, DAE and LGED (1985-1990)



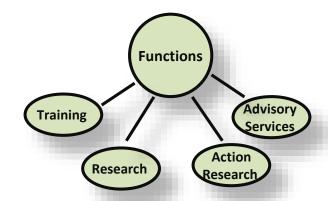






Completed Research: 454
Printing Stage : 11
On Going Research : 51

Action Research

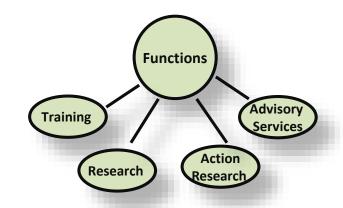


Completed: 40 Ongoing: 07



**Evolve Replicable Rural Development Model** 









Provide Services in Formulation, Implementation & Evaluation of Policies and Programmes

## **Action Research Category**





## Modernization of RDA Farm and Laboratory School & College



## **GOB Ongoing Project**

#### **Action Research**

"Construction of Co-operative based Multistoried 'Palli Janapad' Housing with Modern Urban Amenities for Livelihood Improvement of the Rural People"

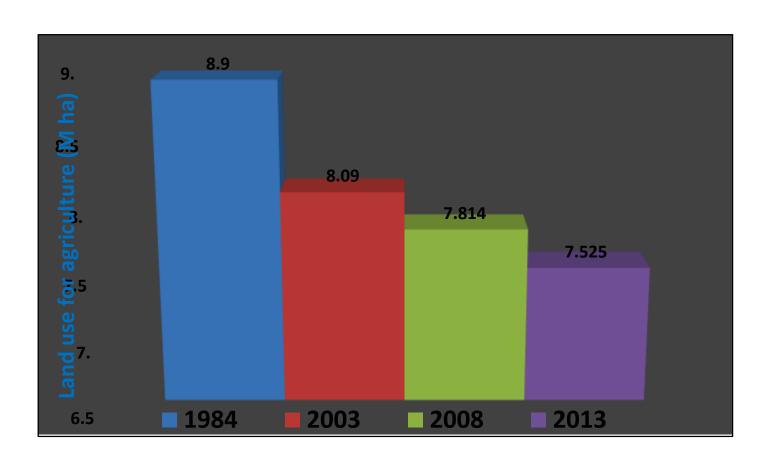


Residential building (4 storied, plinth area 3319 sqm) : 2 Unit

Dairy and Poultry (2 storied, plinth area 2632.00 sqm) : 2 Unit

## **Action Research**

## **Restoration of Agricultural Land**

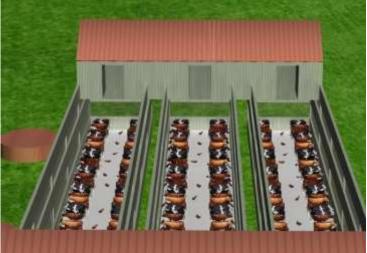


## Perspective View: Palli Janapad









# Extension and Dissemination of Modern Water Saving Technologies and Management Practices to Increase Crop Production



## **Water Saving Technology**





**System of Rice Intensification (SRI)** 





**Alternate Wetting and Drying (AWD)** 

## Making Markets Work for the Jamuna, Padma and Teesta Chars (M4C)

**Collaboration: Swiss Contact** 











**Road in Chars** 

**Improved Designed Boat** 

Floating Ghat M A Matin

## **GOB Ongoing Project**

## **Priority Project of honorable Prime Minister:**

Establishment of Rural Development Academy at Rangpur





## **Establishment of Rural Development Academy at Jamalpur**



## **Establishment of Rural Development Academy at Jamalpur**



Honorable LGRD Minister (Khandaker Mosharraf Hossain-MP) and State Ministers (Moshiur Rahman Ranga-MP and Mirza Azam-MP) has laid the Foundation Stone of Jamalpur Academy.

#### **GOB Ongoing Project**

# Livelihood Improvement of the Poor People in the Char Islands of Sariakandi and Sonatola Upazilas under Bogra District





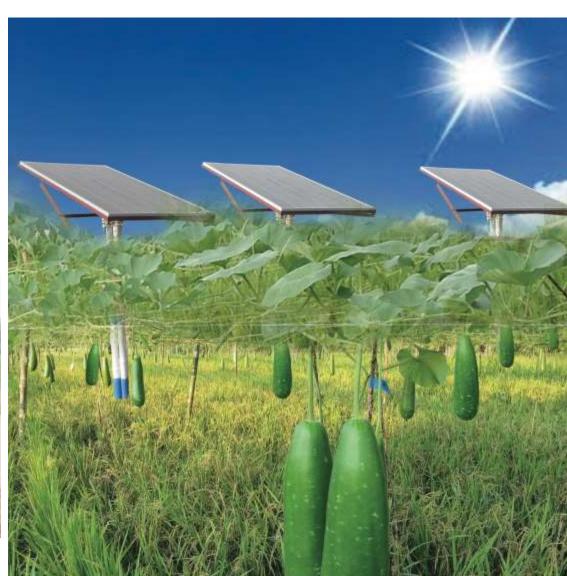




Action Research Project on Disseminating Two-storied Agriculture with Solar Power Irrigation Technology and its Multipurpose Uses

Currently
Approved GoB
Funded Project

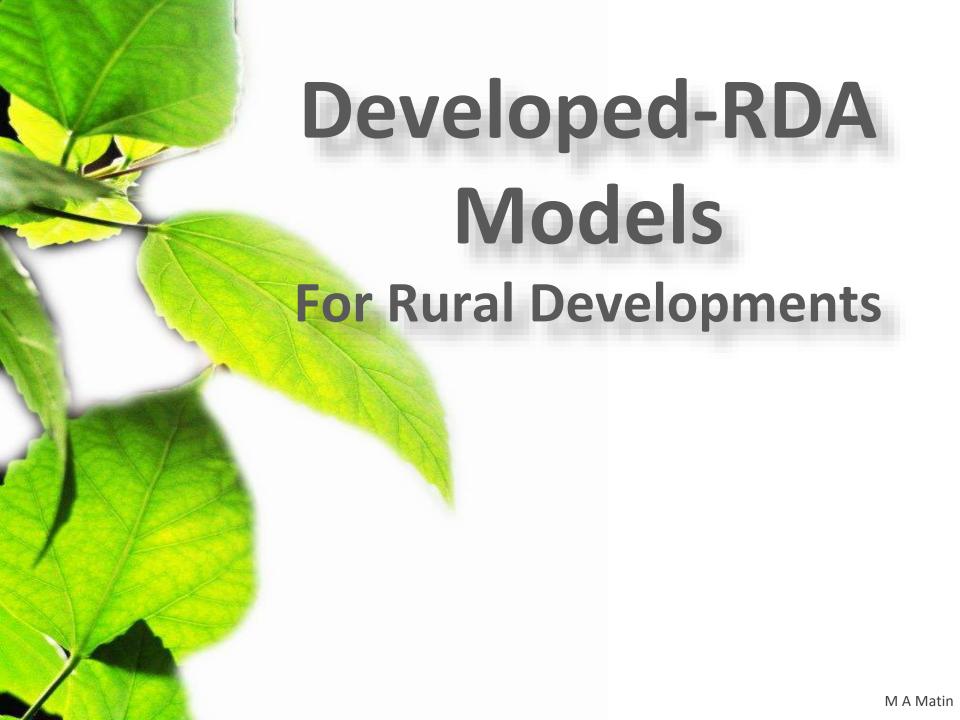




Discharge = 52 m<sup>3</sup>/h; Power = 3.5 kW)



Acre of coverage 16-20 acre Saves power 3.5 kW by direct Solar Power



## **Buried Pipe Irrigation System**

(First in Bangladesh-1982)



- □ Reduced land loss
- Reduce water loss
- Increase command area
- □ Increase production/yield
- ☐ High convenience efficiency (80-95%)
- Reduce social conflicts
- Easy for farm mechanization
- Able to irrigate from lower to upper level
- Efficient Water Conveyance System



**Low-Cost Deep Tube Well** 

#### Multipurpose Use of Low-cost DTW for Better Rural Livelihood

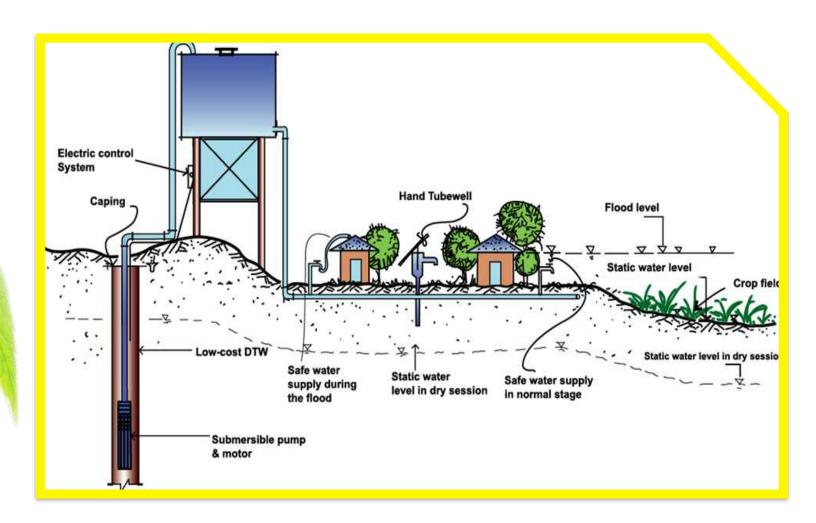




Safe Water for Costal Area



Agro. Industrial Water Supply



Safe Water Supply in Flood Affected Areas



Iron and Arsenic Free Water Treatment Plant



Rural Piped Water Supply



Waste Management through Community Bio Gas



Maria Seed Technology



Women in Seed Entrepreneurship (WISE)



Rural Plant Doctor





Water Saving Technology with IRRI



**Two Storied Agriculture System at RDA Campus** 



**ICT-BASED LIVESTOCK MANAGEMENT** 



Maize Stover silage as livestock feed



**Trichoderma enhanced composting** 



**Bio-Slurry Based Organic Fertilizer** 



Grape Research



Strawberry Research



## **Green Campus**



**Trico Compost Production** 

## **Green Campus**



**Plant Germplasm Repository** 



## CIWM

A self finance govt. approved cell "Centre for **Irrigation and Water Management** (CIWM)" established in 2003 to continue the action research project activities including Credit.



# RDA-DEVELOPED LOW-COST DEEP TUBEWELL WITH WATER FILTRATION PLANT at JMBA (East and West)





Water Filtration Plant (Capacity 720 tonnes/hour) at Jamuna Fertilizer Co. Ltd. Tarakandi, Jamalpur

## Model Replication at Karnaphuli EPZ Area, Chittagong



Saline Water Plant at KEPZ (20 lakh Gallon/day)

## Model Replication at BSCIC Tannery Estate, Savar, Dhaka

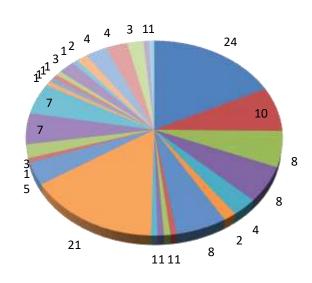


Pressurized Water Supply Plant (Capacity: 950 lakh Liter/Hr. )

HYSAWA: Safe Water
Supply System at Costal
Area



## RDA-developed Water Resources Model Replicated through full cost basis under CIWM





DPHEPrivateBRAC-8BPDB-8BLRI-4BRRI-2BSCIC-8

SAU-1
BWDB-1



### **Remarkable Advisory Services:**

- Baseline Survey under NCDP/MOA
- Evaluation of BSRI/MOA
- Evaluation of Women's Programme of BRDB
- O & M Survey on MUHURI and Irrigation Project -Water Development Board (Funded by: ADB)
- Agriculture Sector/sub-sector study under Bangladesh Agribusiness Development Project-DAM, Ministry of Agriculture- (ADB Funded)
- 2nd Benefit Monitoring & Evaluation Study of NCDP-Asian Development Bank & DAE, Ministry
  of Agriculture
- Evaluation of Women's Programme of BRDB-Ministry of LGRD
- Feasibility study on Application of developed Multipurpose Use of DTW Technology in Rangamati Hill District. (Funded by: World Bank)
- Base line Survey for initial identification of long list of potential villages for village piped water supply. (Funded by: World Bank) through DPHE
- Baseline Survey of North-West Crop Diversification Programme Area- Asian Development Bank
   & DAE, Ministry of Agriculture
- Closing the Yield Gap: Improving Rice Production Efficiency in IRRI,
- Impact of Agricultural Development Project in Southern Districts under the sponsorship of DAE, Ministry of Agriculture –
- Pathway from Poverty: Processes of Graduation among Resource- Poor Farm Household in (ongoing under the sponsorship of DFID/IRRI/PETRRA
- Evaluation on Strengthening Bangladesh Sugarcane Research Institute Project- Ministry of Agriculture & Planning Commission, GOB
- Impact of Maternity Allowance Programme, Vulnerable Group Development Programe, Training Centers at district level of MWCA
- Project Completion Survey of Second Crops Diversification Project (ADB Financed-2017)

# RDA New Centres (6)

Due to success and effectiveness of CIWM activities, the **BoG** of **Academy** has been approved to set up another six more new Self Assisted Centers.

















**ACI-RDA**: Variety Development of Hybrid Vegetable

## International AgroTech Exhibition (RDA-LIMRA)



M A Matin



KMT-RDA: Research, Development and Production of new Agri. machineries & Sapir Parts



KFBIL & RDA: Agro-based Food Processing Products













**BBCF-RDA**: Quality Semen Production for Cattle Improvement



## **Raised Bed Rice Production**

RDA-Cornell University, USA Collaboration: (2010-2012)



### Integrated Water Management (IWM) -GoB Financed

(January 2011- December 2014)

Total 78 Subprojects have been developed



Matin

## Command Area Development using Surface Water for Rural Livelihood Improvement -GoB Financed (July 2007- June 2015)

Total 45 Subprojects have been developed



Poverty Alleviation through Livestock Management and

**Bio-Gas Bottling - GoB Financed** 

(Nov. 2009 - Dec. 2015)

Total 112 Subprojects have been developed

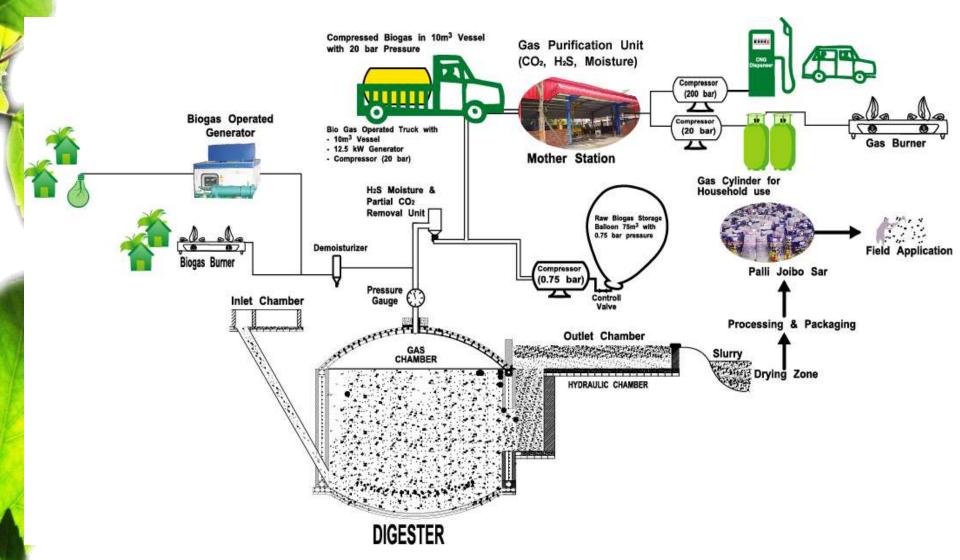








# Schematic Diagram of Community based Biogas Plant (Capacity-130m³)



RDAs concept on Biogas Production and its Multipurpose Uses

# Safe Water Supply, Sanitation & Bio-gas Technology for Rural Livelihood Improvement in Climate Victim People of Bangladesh Bangladesh Climate Change Trust Fund Project

(July 2011- June 2014)

Total 13 Subprojects have been developed















### **Comprehensive Village Development Programme (CVDP)**

(2009 to December 2015)













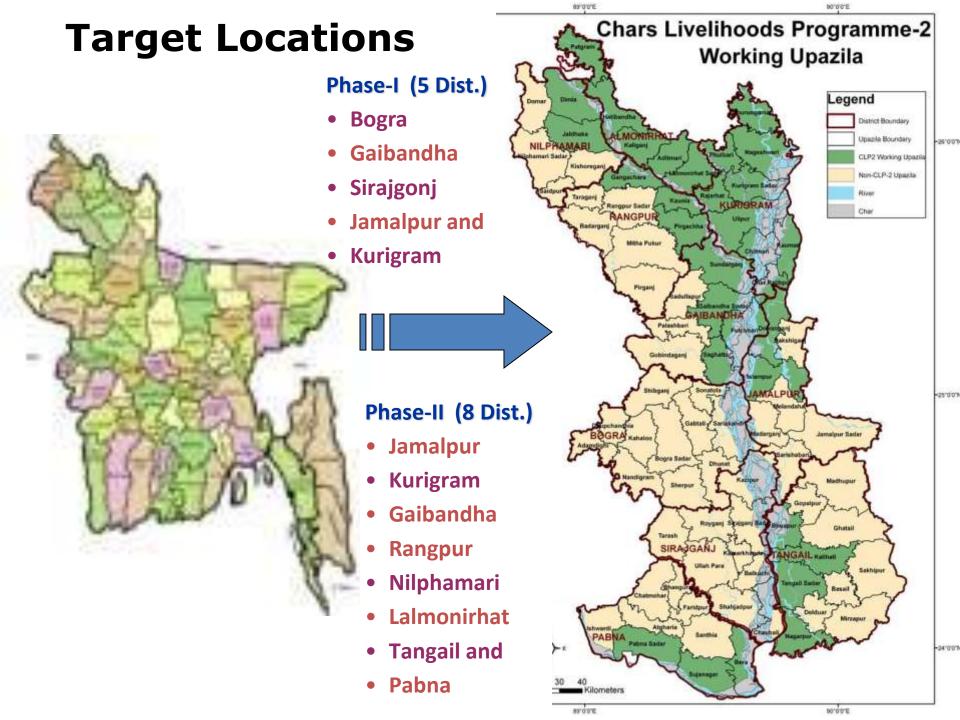
### **Action Research**

# **Chars Livelihood Programme (CLP)**

Collaboration: DFID and GoB















### Target and Achievement: CLP-1 & CLP-2

Activities	CLP-1: Achievement	CLP-2: Target
Asset Transfer (Cattles)	73396	67000
Homestead raising	90684	68500
Homestead gardening training	2,20,357 (mandays)	2,01,000 (mandays)
Social group formed	2691	2680
Emergency grants provided	19074	18250
Community safety net	2080	2643
Other trainings	2,20,357 (mandays)	4,32,700 (mandays)







# Development and Dissemination of Climate Resilient Rice Varieties for 'Water Short' Areas of South Asia and Southeast Asia.



## **IRRI-RDA-BRRI** Collaboration



2000 – 2004 Seed Health Improvement Project

# **IRRI-RDA Collaboration**



2002 - 2004

Women to Women Extension Project

# **IRRI-RDA-BRRI** Collaboration

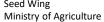


2006 – 2009 Water Saving Rice Technology Project













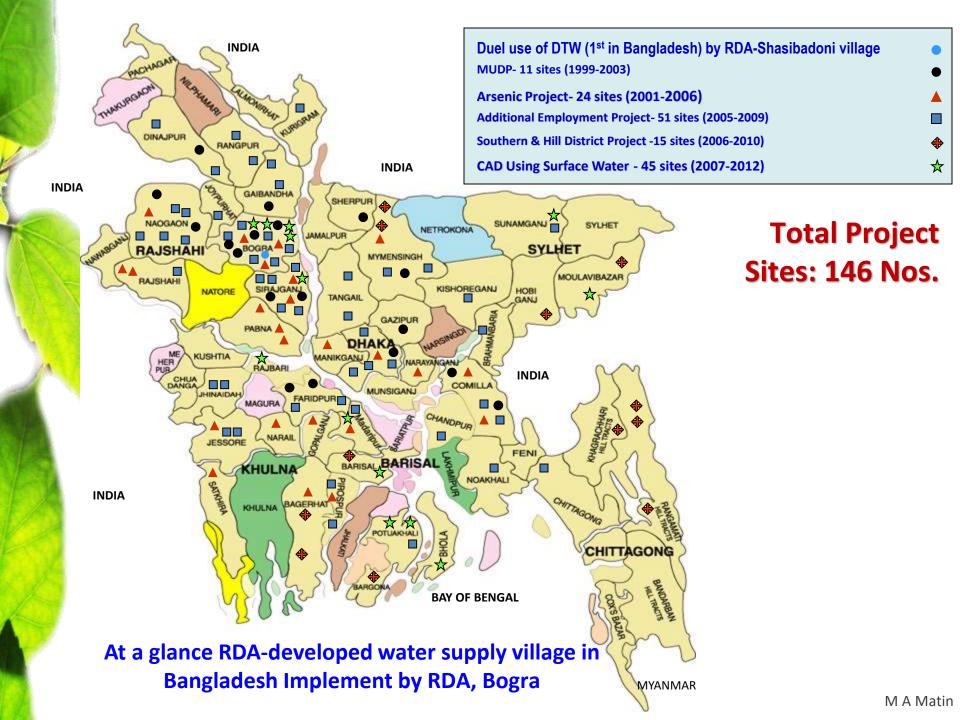


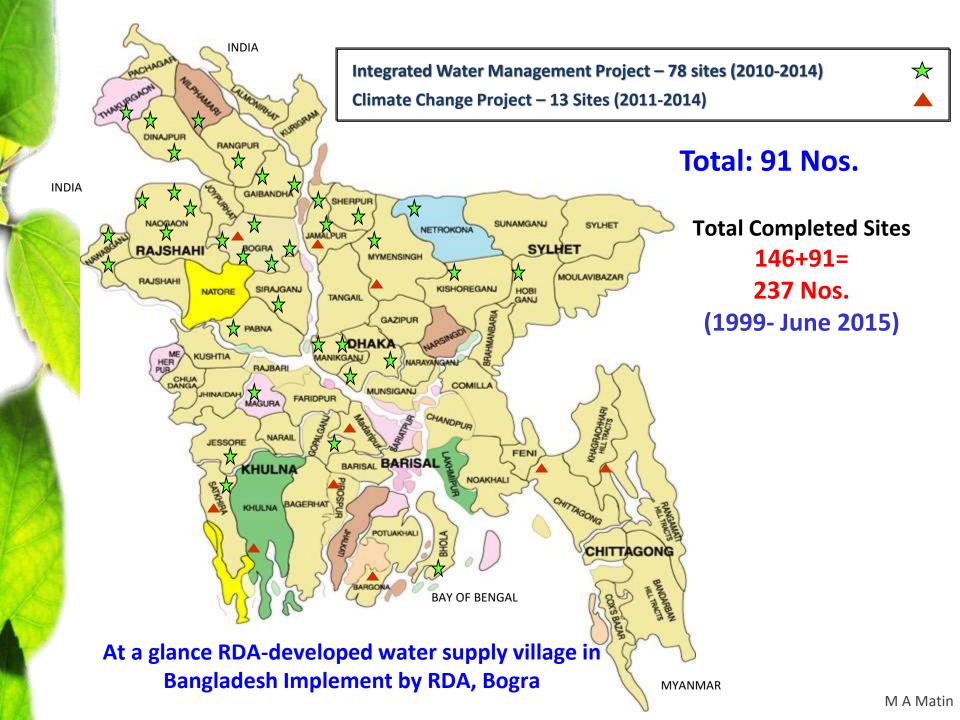


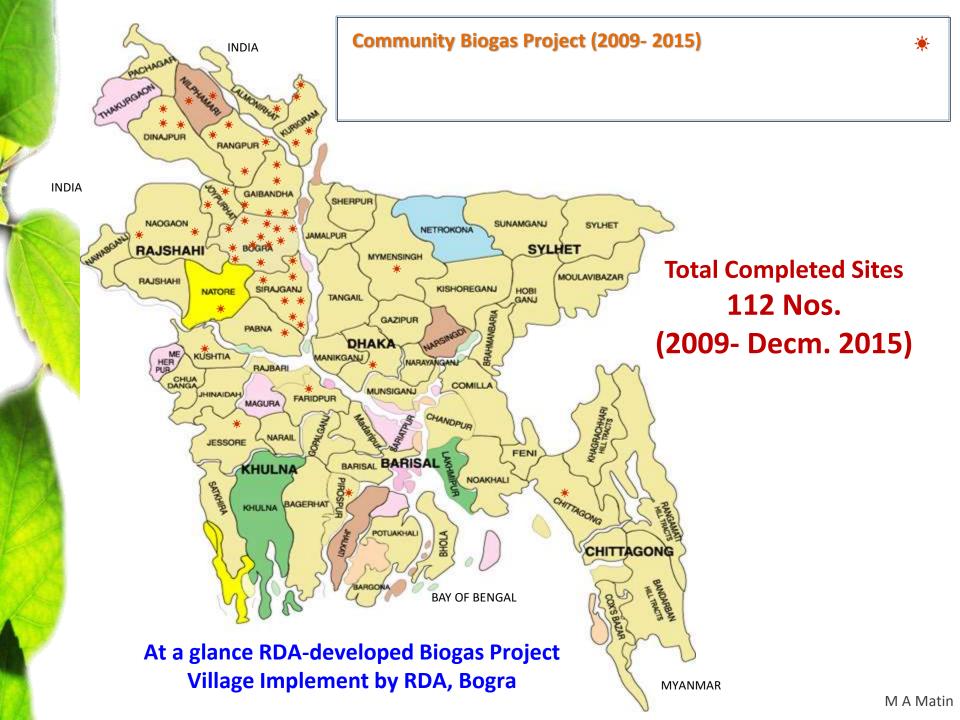














### **Achievement**



A MOU was signed between RDA and BMDA on replication of RDA-developed irrigation and water resources management technologies



A MOU was signed between RDA and LGED on replication of RDA-developed irrigation and water resources Activities

### **Achievement**



Memorandum of Understanding

between

Rural Development Academy, Bogra

and

war-a

Water and Sanitation Program – South Asia

A MoU WAS SIGNED BETWEEN RDA AND WORLD BANK ON REPLICATION OF RDA-DEVELOPED RURAL PIPED WATER SUPPLY MODEL



National Institute of Rural Development (NIRD), India





Production line of agri. Mach.



MoU Signed with Belarus for Establishment of an Agricultural Machinery Production Workshop at Bogra



MoU Signed with Hajee Mohammad Danesh Science & Technology University

# MoU Signed with Different Organizations on Replication of RDA-developed Models

Bangladesh Agricultural University (BAU)

Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur

**MOU SIGNED WITH ACI** 

Lal Teer

**INNOVISION & CATALIST** 

**Swedish Development Corporation** 

Intermediate Technology Development Group (ITDG)

**International Development Enterprise (IDE)** 

LIMRA-International Trade Fair Organizer

**SAARC Engineering** 

**VSO International Bangladesh** 

National Institute of Rural Development (NIRD), India.



# IDB Innovation Exhibition-2013 at Tajikistan

### **Model demonstration:**

- 1. Efficient use of Water Resources for Agricultural Production in Bangladesh.
- 2. Low-cost DTW (Borehole) and its multipurpose use for Sustainable Development.
- 3. Community Bio-Gas Plant for Production of Renewable Energy and Organic Fertilizer in Bangladesh
- 4. Rural Plant Clinic Model (Plant Doctors)
- 5. Women in Seed Entrepreneurship [WISE]
- 6. Trichoderma Enhanced Composting Technology (Life support for soils of Bangladesh)
- 7. Multi-Storied Agriculture with Solar Power Irrigation in Bangladesh.



Innovation Stall of RDA at Tajikistan



### NATIONAL AWARDS

### Independence Award, 2004

Citation: The Government of the People's Republic of Bangladesh confirmed Rural Development Academy (RDA), Bogra, the highest national award-Independence Award, 2004 for extra-ordinary contribution in the field of rural development, more specifically in irrigation command area extension up to four fold through buried pipe, innovation of multipurpose use of low cost DTW, development of arsenic-free safe water supply plant and development of technical protocol for commercial hybrid maize seed production in Bangladesh.





### NATIONAL AWARDS

### Bangabandhu National Agricultural Award 1415 (B)



Citation: The Government of the People's Republic of Bangladesh confirmed the highest national award in agricultural sector- Bangabandhu National Agricultural Award 1415 (Gold Medal) to Mr. M.A. Matin a dedicated Agriculture Engineer of RDA for developing and disseminating several environment friendly agricultural technologies.

### NATIONAL AWARDS

### Bangabandhu National Agricultural Award 1417 (B)



Citation: The Government of the People's Republic of Bangladesh confirmed the highest national award in agricultural sector-Bangabandhu National Agricultural Award 1417 to Dr. AKM Zakaria an innovative Agricultural Scientist of RDA for creating long lasting awareness among the rural women and farmers through ICT based agriculture and rural development initiatives.

### INTERNATIONAL AWARDS





International Communication Award IVCA, London 2004

Citation: International Visual Communication Association (IVCA), London confirmed International Communication Award- 2004 to Dr. AKM Zakaria from RDA for developing women to women extension model through digital video ICT approach.

### INTERNATIONAL AWARDS





African-Asian Rural Development Award AARDO, Delhi 2012

Citation: The African-Asian Rural Development Organization (AARDO), Delhi confirmed African-Asian Rural Development Award-2012 to Rural Development Academy, Bogra for its extra ordinary contribution in rural development. Mr. M. A. Matin of RDA received the Award in presence of Indian Prime minister in a ceremony held in Delhi.

### INTERNATIONAL AWARDS



Flame Award Asia RMAI, Delhi 2016 Citation: The Rural Marketing Association of India (RMAI) confirmed Dr. AKM Zakaria from RDA for mainstreaming rural women in commercial seed sector in Bangladesh.

