

“Reva Sagar”

Bhagirath Krishak Abhiyan

A People’s movement.....

Of the People.....

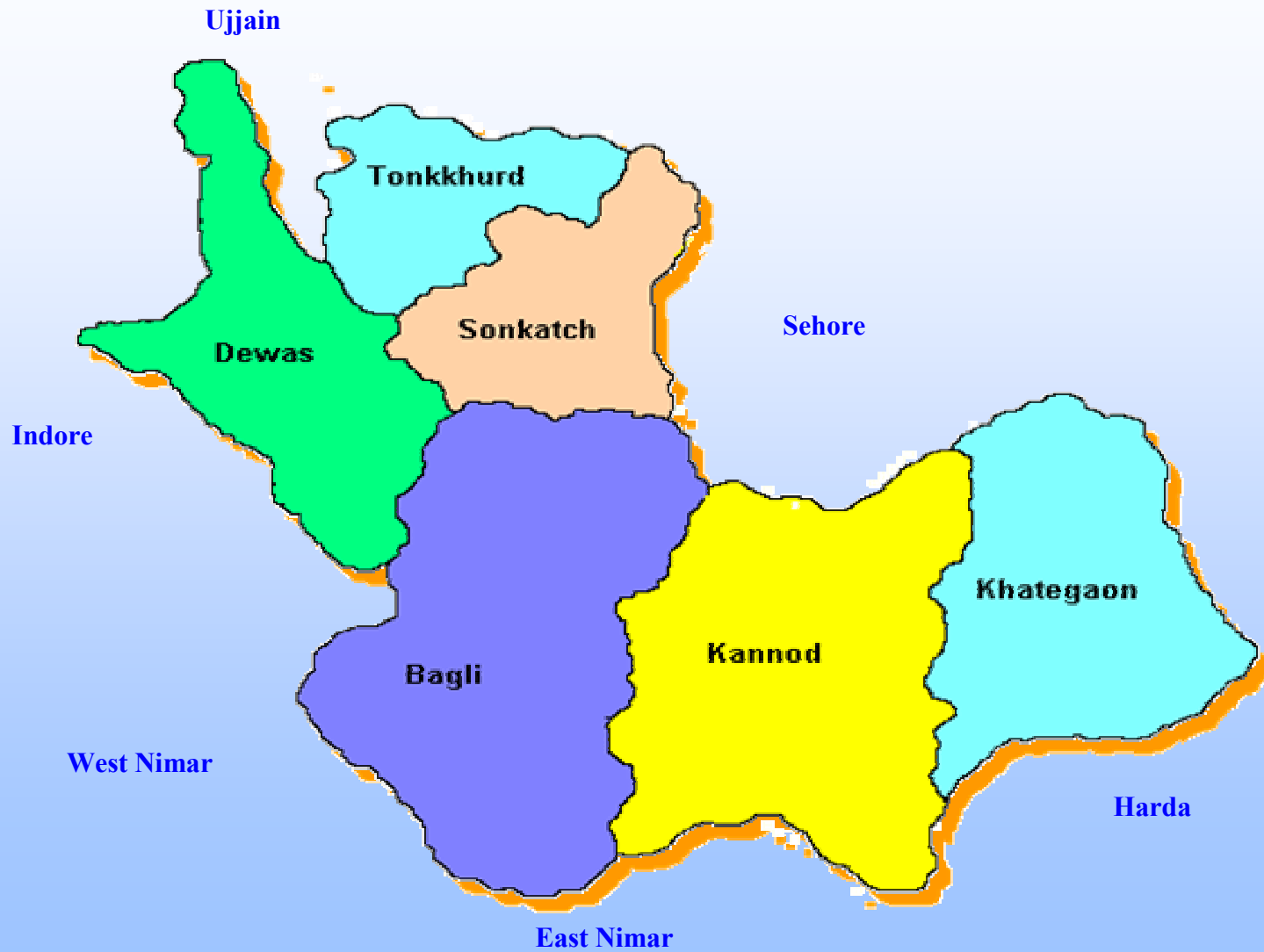
For the People....

By the People.....

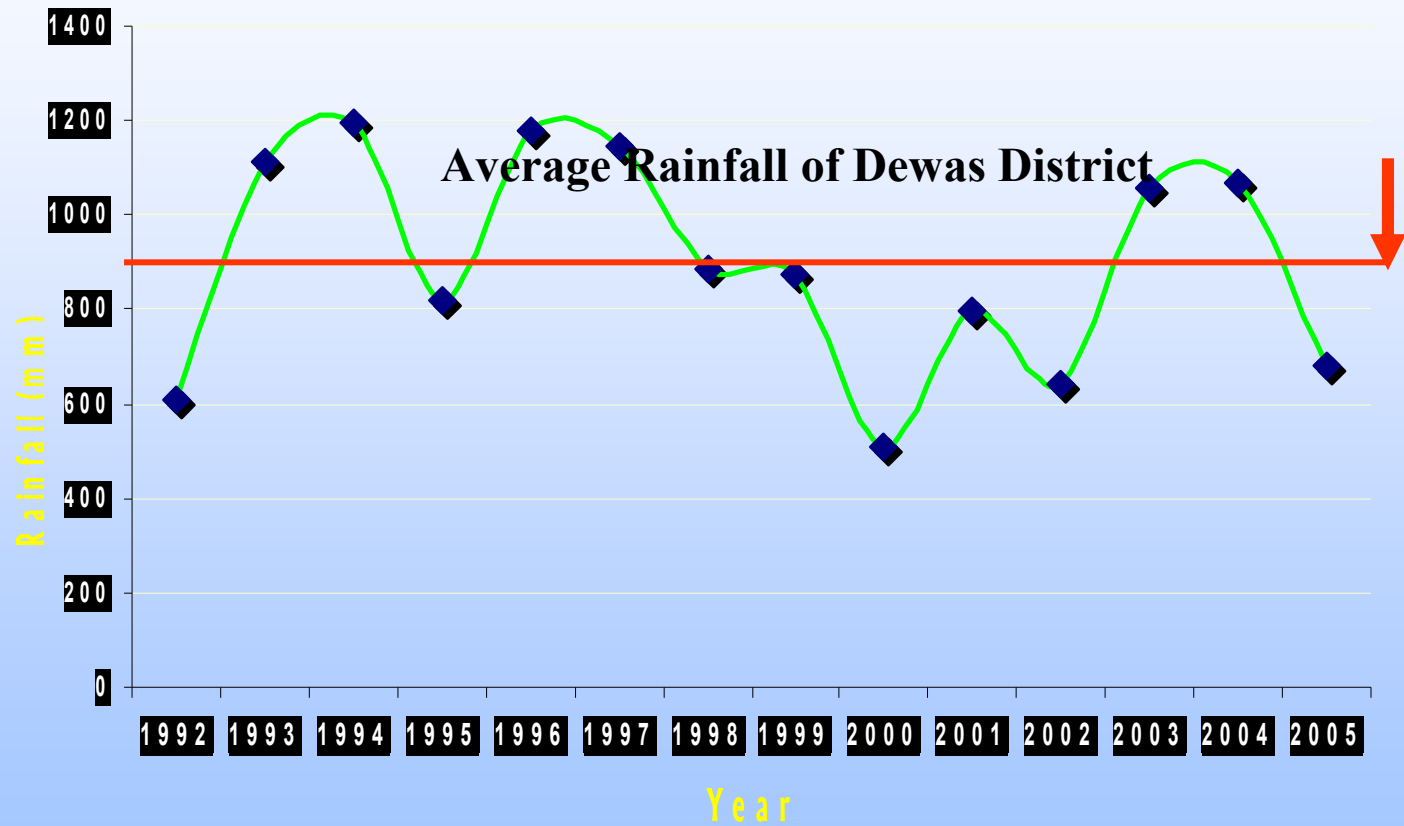
Pre-Campaign realities

- 80% of Irrigation by tube wells,
- Big Farmers own 60% tube wells
- Crop intensity is 125% against the potential of 190% +
- Two of the six Blocks are Grey
- Irrigated area is shrinking since past 10-15 years
- Water level Depleted to 300-1000 ft

Distribution of 6 CD Blocks of Dewas District



Status of Rainfall (Average 897.49 mm)



Dewas is receiving more or less average Rainfall

Economics of Water

- Ensures double crop, provides multiple livelihood options
- Tube-well irrigation – a costly affair, high risk, uncertainty of water availability and its adequacy.
- Availability of surface water reduce cost of cultivation and electricity
- A surface water source constructed in 5-10% area irrigates rest of the land holding

Reva Sagar

Bhagirath Krishak Abhiyan

- Construction of irrigation tanks by farmers with their own investment, on their own land, for their Economic Development
- Irrigation tanks - 'REVA SAGAR'
- The farmer is known as 'BHAGIRATH KRISHAK'

A Strategic move

- Role Model theory was adopted
- Orientation regarding water economics
- Using Comparative analysis, Demonstration of the rationale of perspective investment
- '***Bagirath Master Trainers***,' a group of motivators were involved as Role Models
- Various water –related Groups, APMCs, Co-operative Societies, *Kisan* Clubs were Trained
- Active involvement of Local NGOs were encouraged
- Strategically farmers were 'organised' by internalizing CBA of water as a resource
- Emphasis on 'water as a critical input'

Reva Sagar: situational Analysis

Questions	Answers
How much land do you own?	5 Acres, 10 Acres, 20 Acres
What is the proportion of irrigated Land?	Mainly un-irrigated
What are the sources of irrigation?	Rains, Tube-well and Open Wells
How many Tube/Open well do You have?	1, 2, 4 6, & 10
What is your investment on these sources	Rs. 40 thousand to Rs. 1 lakhs, 2 Lakhs, 4 Lakhs
What are your sources of investment	Own investment, Money Lender and Bank
Did you get any assistance from government?	No

Pre-Reva Sagar: Baseline Indicators

Questions	Answers
Inspite of such large investment, are you getting enough water for irrigation?	No, water is not available round the year.
In your opinion, What is the Present cost of your land?	Rs.0.50-1 Lakhs for dry land and Rs.3-4 Lakhs for irrigated land per hectare
What is the status of availability of fodder in summer season?	Not available

Declaration Form

जल अभिवेक अभियान - 2006

जिला देवास (म.प्र.)

जल ही जीवन है।

जल ही जीवन है।



संकल्प पत्र

मैं.....पिता/पति श्री.....
निवासी ग्राम.....विकासखंड टोंकखुर्द जिला देवास म.प्र.
अपनी निजी भूमि ग्राम.....खसरा क्र. रकबा
लगभग..... बीघा/एकड़/हेक्टर में से स्वयं के श्रम और साधन
से..... बीघा/एकड़/हेक्टर क्षेत्र में “रेवा सागर” का निर्माण कर
माननीय मुख्यमंत्रीजी के “जल अभिवेक अभियान” रूपी अश्वमेध
यज्ञ में अपनी ओर से आहुति देने का संकल्प लेता हूँ।

मैं रेवा सागर निर्माण का कार्य आगामी दिनांक..... से
प्रारम्भ करूँगा।

दिनांक

संकल्प पत्र प्राप्तकर्ता अधि. / कर्म.

हस्ताक्षर

नाम एवं पद

हस्ताक्षर (संकल्पकर्ता)

पता

दूरभाष क्रं.

जल है तो कल है।

जल है तो कल है।

CBA of Reva Sagar

- 8-10 ft deep X 1 Ha. Reva Sagar irrigates 8-10 Ha. (an increase of 10 times)
- Envisaged increase of crop intensity from 125% to 190% + (from mono crop to double crop)
- Increase in Productivity 100-300%
- Electricity consumption reduced to 10-20 %

... Contd

Contd

CBA of Reva *Sagar*...

- Ensures sustainable Fodder availability
- Incremental income through multiple livelihood options
- Recoupment of investment within one or two years

Impacts ... (District Dewas)

- Construction of 4000 Irrigation tanks.
- Water table rise-up to 6- 40 feet
- Irrigation potential generated- 40,000 ha.
- Beneficiary investment :- 150-200 crores
- Checking of Soil loss.
- Bacterial life of Soil regenerated.

Glimpses of Bhagirath Krishak Abhiyan



Glimpses of Bhagirath Krishak Abhiyan



Received
"Rashtriya
Bhoojal
Puruskar" in
consecutive
three years



Glimpses of Bhagirath Krishak Abhiyan



Success Stories ...

- Multanpura in Mandsaur district was facing acute shortage of drinking water
- Community decided to repair and raise the height of a old stop dam on Bulalia nullah, about two kilometer from the village
- Rs. 0.29 million was provided by village panchayat and Rs. 0.1 million contributed by community
- Renovated stop dam recharged about 400 wells and tube wells



Success Stories ...

- Guna district witnessed successful completion of different structures and Bori bunding (Empty cement bags filled with impervious soil)
- The villagers were apprised of the benefits of Bori bunds and their low cost and advised to donate labour and money for this work.
- Each Bori bund cost about Rs. 1500 to 2000.
- Rs. 1.6 million was invested for construction of 1363 Bori bunds.
- Rs. 0.3 million was mobilized by public contribution.
- 222 hectare was irrigated by checking water in the Bori bunds, which led to increase in farm production by 5550 quintal, the market value of which is about Rs. 4.7 million



Success Stories ...

- The people of village Barlai in Neemuch district have set a worth emulating example by constructing private ponds under Jal Abhishek Campaign.
- 61 farm ponds having water holding capacity of 48190.81 cubic meter were constructed at a cost of Rs. 22.04 million
- irrigation facility has increased by 20 percent after construction of farm ponds



Peedi Jal Samwad – From Raj to Samaj

- Open discussion of old generation and youth of village community. Agenda of Gram Sabha
- Availability of water w.r.t. time line
- Change in water use
- Renovation of old structure
- Construction of new structure
- Recommendation to Gram Panchayat
- Motivating Farmers for Private Investment