

SCOPING INTERACTIVE MEETING

National water Mission



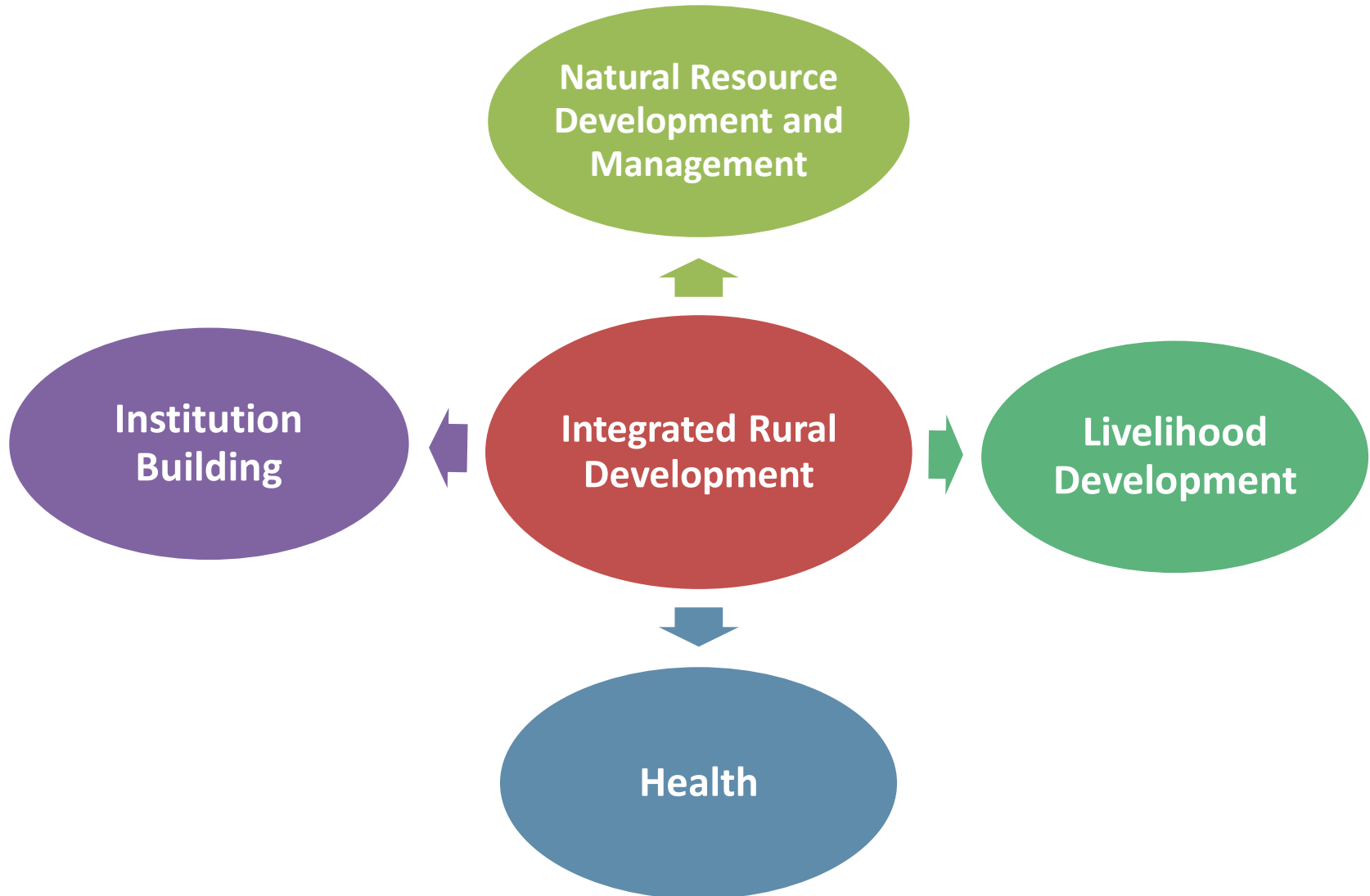
YUVA MITRA

Presented by- Ajit Bhor

Place- Delhi

Date-20.11.2018

Thematic Areas



Yuva Mitra's WATER Interventions

Rejuvenation of Diversion Based Irrigation Systems



Before Intervention



Silting in Dams and canals



Farmer Lost their right on water



Farmers facing irrigation problem resulting in less interest in Farming



Defunct DBI systems since 25-30 years

Decreased Well water level



Encroachment in canals by farmers

Changed cropping pattern due to lack of water resulted in to decreased farm income

Programme intervention

Repair and Maintenance of Diversion Based Irrigation Systems exist on Dev River.



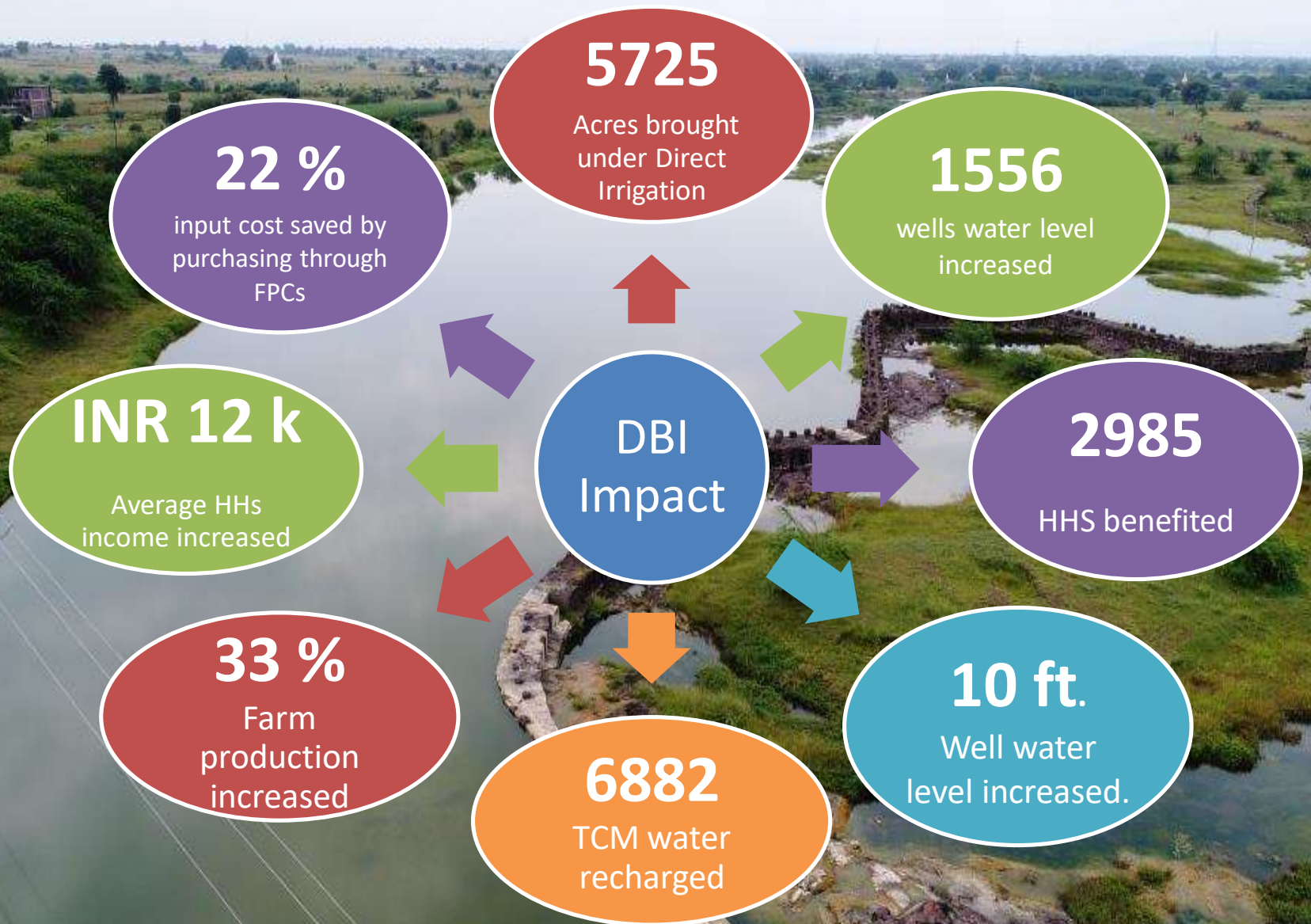
Develop sustainable Agricultural livelihood models at village level by providing water security

sensitize the community regarding their responsibility & ownership to manage water resource



Organize community into WUAs (Water User Association) to establish their rights over water resource & ensure equitable use of water resource by building their capacities.

DBI Initiative to impact rural livelihood



JALSAMRUDDHI



Jalsamruddhi Initiative to impact rural livelihood

De-Silting

131

sites in Nashik

Silt carted by

1711

farmers to their farm land

Providing lifeline for

65

Villages

Excavating

17.21 lakh

CuM. Silt

Covering

1862

Acres

for

2-4 x*

Farm Productivity

Increasing water storage capacity by

1721

TCM



Equivalent to

1.72 lakh

Water tankers

Groundwater recharge refilling village wells

1-2 km**

radius around Dam

A water tanker can hold water equivalent to 10 cu.m.

* ICRISAT (2014). *Quantification of Nutrients Recycled by Tank Silt and its Impact on Soil and Crop.*

**The Nature Conservancy & Watershed Organisation Trust (2018). *Developing Climate Resilient Villages*

JalSamruddhi in Depictions



Way Forward



Excavation of 85 lakh CuM silt from existing water bodies in Nashik District and increase water storage capacity by 8500 TCM



Rejuvenating 250 + DBI systems in Nashik district



Establishing 100 + water user associations to maintain repaired structures and irrigation management

Participatory Irrigation Management



Established 49 WUAs to manage available water efficiently and effectively.



NWM and Yuva Mitra - Way Forward

- PIM
 - Increasing water use efficiency
 - Community ownership
 - Reducing water losses
 - Promote Water user associations
- Traditional water Management systems
 - (eg. DBI, Phad, Malgujari Tanks, ahar pynes etc.)
- De-silting of existing Water structures



Thank you



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