



# Efficient Last Mile Connect for CAD

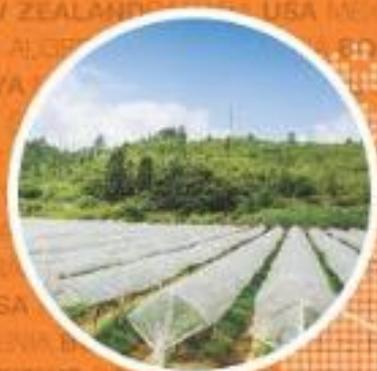
by  
Makrand Appalwar,  
Managing Director  
Emmbi Industries Limited

# Today, Emmbi is brightening lives in over fifty countries, worldwide!

From ensuring that food and medicines reach their intended recipients, to ensuring farmers have a bountiful harvest, to helping conserve millions of liters of water - Emmbi is helping communities around the world, wake up to brighter tomorrows.



Ensuring medicines reach people in need, across Europe



Protecting grapes from frost, at Napa Valley



Ensuring Coffee retains its aroma, in Brazil



Helping build Uruguay's infrastructure, by transporting material



Helping irrigate thousands of farms, in India



Helping put food on the plate for millions of Australians

# We operate across four verticals



## Water Conservation



## Advanced Composites



## Specialty Packaging



## Agro Polymers

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**Estimated Global Market:  
2.5 US \$ Billion**

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The Water Conservation portfolio, as the name suggests, focuses on creating solutions for the storage, transport and distribution of water.

These products – like pond liners and flexible tanks – are marketed under the Jalasanchay brand.

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**Estimated Global Market:  
36.5 US \$ Billion**

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The Advanced Composites division focuses on creating high-tech solutions for specialized applications.

This division creates solutions for hazardous waste management, asbestos removal, fire-retardant applications etc.

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**Estimated Global Market:  
30 US \$ Billion**

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Currently accounting for the bulk of our products, the Specialty Packaging division caters to a wide array of industries, from food and pharma to chemicals, cement and more – to transport and store materials.

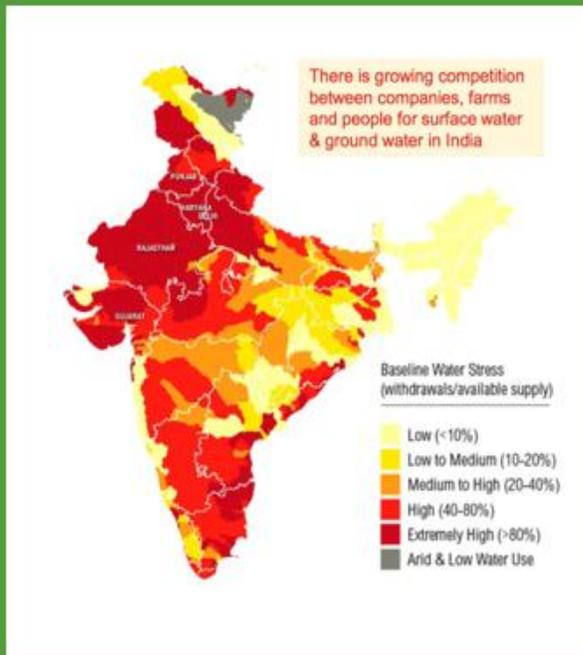
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**Estimated Global Market:  
4 US \$ Billion**

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Products manufactured by the Agro Polymer division are marketed under the Krishirakshak name. These focus primarily on crop protection and de-risking the farmer from the weather.

Typical applications include Mulch Films, Crop Covers and flexible pipes.



CAD is one of the largest challenges country is facing due to limitation of development of infrastructure of “Last Mile Connectivity”



## Objectives

- Bridge the gap between potential created and their utilization through micro level infrastructure development and efficient farm water management practices.

## Results

- Optimization of agricultural productivity & production
- Improvement in socio-economic conditions of farmers

# Role of emmbi technology

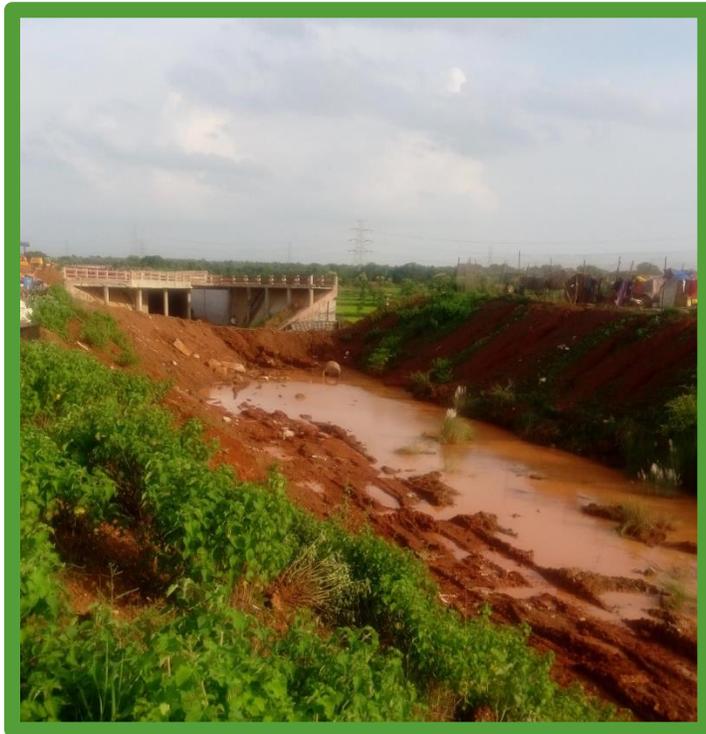
- **AquaSave<sup>+</sup>** - Lining for **Seasonal repairs** of large breached canals
- **AquaSave** - Lining for **Percolation-free** distributary clay canals
- **Jalavahini** - Lining for Last mile connectivity with



# Seasonal repairs of large breached canals



# Lining for Seasonal repairs of large breached canals





## Lining for distributary clay canals

Clearing & Excavation Work



Watering & Compaction of Site



Laying of the HTCPM sheets



Profile Wall Casting and Refilling

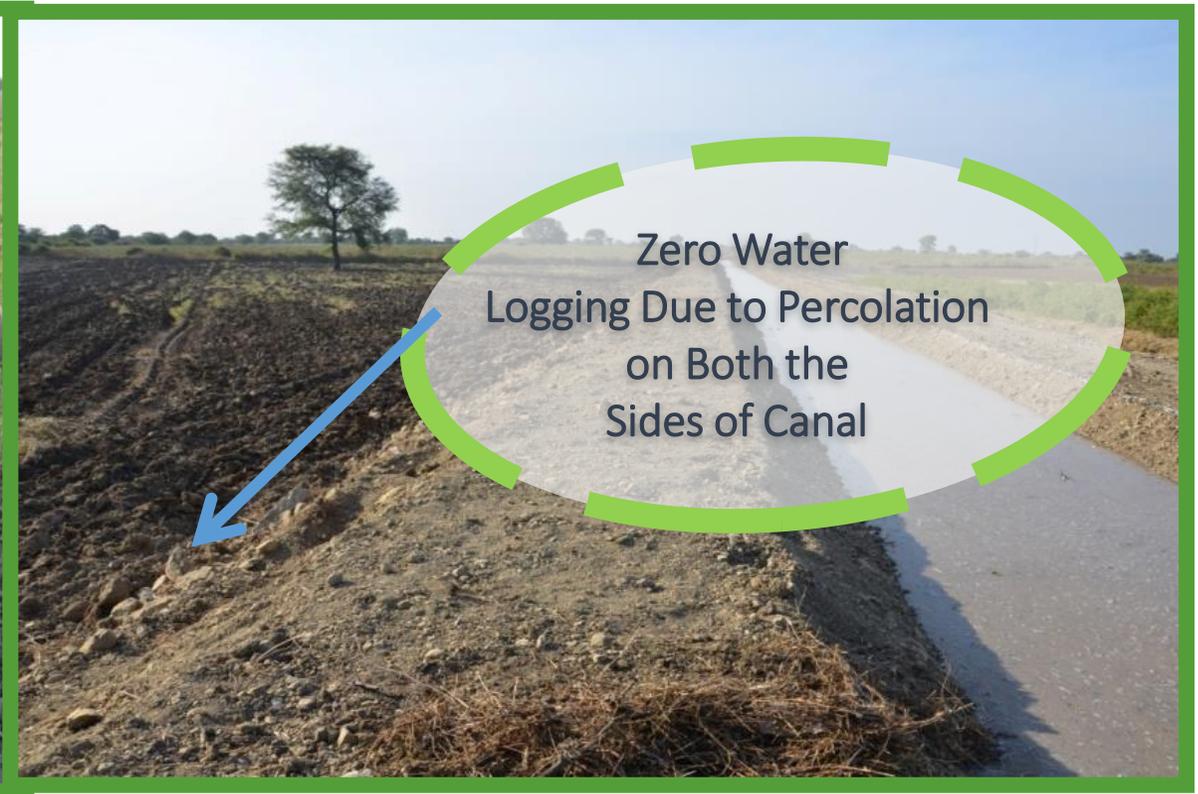


Site after Compaction



Canal filled with water for Testing







**Last mile connectivity with  
“JALAVAHINI”**

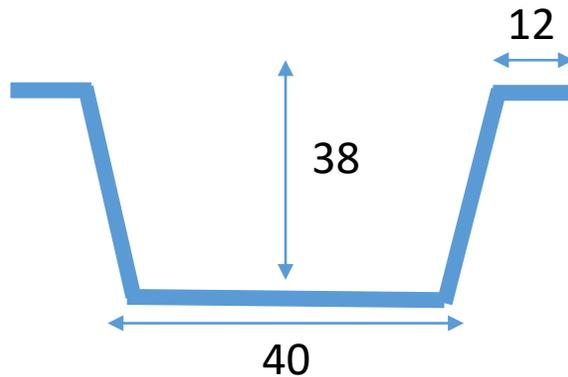
# Conventional Methods and Challenges:

- Requirement of high skilled manpower for installation and supervision
- Restriction of seasons for implementation
- Initial implementation cost
- Speed of work



# Emmbi's Solution for Last Mile Connectivity

**Size : 12 x 38 x 40 x 38 x 12**



**Thickness: 2000 Mic**

**Material: Reinforced High Density Polyethylene**

**Outdoor duty condition: 8 Years**

**Weight of 10 meter Module: 22.5 KG**



# Product Installation Procedure:



# Product Installation Procedure:



# Logistic and Operational Convenience



# Thank you

Visit us at our Stall

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