

WINNER !

Recognition of the Sustainability Impact in Agriculture



6TH EDITION CORPORATE SOCIAL RESPONSIBILITY SUMMIT & AWARDS 2022

Winner in Category
Best Innovative CSR Project
IBM – INHANA

Project Name :
IBM-IORF Sustainability Project for 'Clean Food' Production –
A Safe & Sustainable Agricultural Initiative



November 2022

Hyderabad, Bangalore

Partner



6TH EDITION
CORPORATE SOCIAL
RESPONSIBILITY
SUMMIT & AWARDS 2022

Winner

Best innovative CSR Project
IBM - INHANA



Dr. P. Das Biswas & Dr. A Seal, IORF & Mrs. Shobhamani, IBM receive the Winner Award



Single Model Multi-Dimension IMPACTS

Only Model that can attend the objectives of



'Clean Food' (NET ZERO) Model

Driven By IRF Technology

Ecologically Sustainable, Economically Viable and designed for Convenient Adoption especially by the marginal and small farmers

- SAFEST Food**
- Human Health, Soil, Environment**
- Crop Sustainability**
- Land Fill Material Bioconversion**
- MAJOR GHG Mitigation**
- Carbon Sink**
- Soil Reclamation**
- Seed Development**
- Ecological Sustenance**
- Energy Saving**
- Livelihood Support**

- Development of Pesticide Residue Free (as per FAO-WHO-Codex Alimentarius Std.) 'Clean Food'
- **Soil & Environment Friendly Agriculture** that can provide SAFEST food for >20,000 consumers from a mere 100 ha .
- About 15–25% **Increase Crop Productivity** as compared to conventional farmers' practice.
- **Bioconversion of any type of waste material** (within 21 days) towards soil productivity regeneration and GHG offsetting upto 36 – 40 ton / ha
- Potential for **GHG mitigation upto 10,000 ton CO₂ equivalent**- ready to serve the NET ZERO OBJECTIVE -A model that can equally benefit the Farmers, Consumers & Corporates as per their specific objectives
- **Initiative towards regeneration of Soil Carbon Sink**, through enhanced Soil-C sequestration (upto 300 kg/ha/year)
- **Low Cost, Time Bound** reclamation program for degraded agricultural soil
- Initiative towards development of climate resilient organic paddy & vegetable seeds for self sustenance of the farmers
- Significant Impact on Ecological Sustenance with **increased Soil microflora & earthworm activity**
- Upto **32% lesser Energy Input** with **>60% Higher Energy Productivity** & upto **183 % higher Nutrient Energy Efficiency**
- Livelihood support to Farmers through **Transfer of Sustainable Crop Technology** & knowledge support.





Dr. P. Das Biswas, Founder Director of IORF attending the Prize Distribution Ceremony



Dr. P. Das Biswas, , Founder Director of IORF along with Mr. Manoj Balachandran, **Head** - CSR , **IBM** India & **South Asia** and Mrs. Sobhamani, Lead-Sustainability Accelerator Program, IBM, India; in discussion at the occasion of CSR Summit & Award Ceremony, 2022



Winner in the category “Best Innovative CSR Project” at the 6th Edition CSR Summit & Awards 2022, held on 8th Nov., 2022 at Bangalore.

