AGRI - NET ZERO

SUSTAINABLE AGRICULTURE CARBON FOOTPRINT CERTIFICATE

This document certifies that the agricultural GHG emissions of the project were calculated using the
Sustainable Agriculture Carbon Footprint Assessment (SACFA) Toolkit developed by i-NoCarbon Limited.

Farm/Project Name & Location:

IBM-IORF Sustainability Project at Mandya District, Karnataka, India

Project Details:

Clean Food – Net Zero (CFNZ) Project in 25.2 ha area using NOVCOM Coir Pith compost under INHANA Soil Health Management (ISHM) & Inhana Plant Health Management (IPHM), through Inhana Rational Farming (IRF) Technology of Inhana Organic Research Foundation (IORF), Kolkata, India (Phase III: 2023-24)

Chemical-Intensive Agriculture was practised in the above project area wherein Sustainable Agriculture under IRF Technology
was introduced and the Carbon Footprint from on-farm activities were calculated
using the **SACFA Toolkit** for both the practices:

Erstwhile Agricultural practice followed:	**Conventional (Chemical Fertilizers & Pesticides)**
Erstwhile Carbon Footprint:	**(+)** **0.594** **mt CO2e/ha**
Present Agricultural practice followed:	**Inhana Rational Farming (IRF) Technology**
Present Carbon Footprint:	**(-)** **(249.778)** **mt CO2e/ha**

Carbon Footprint Reduction / Sequestration	from	**25.20 ha**	**(-)**	**6,309.374**	**mt CO2e**

This means that this IBM-IORF Sustainability Project has shown the potential of **REDUCING**

250.37 mt CO2e/ha

for such De-carbonization Programme towards Net Zero compliance.

Vijay L Narasimhan

Authorised Signature

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i-NoCarbon Limited
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