

Ref: SACFA/0524/004

Period Certified: 01 April 2023
To: 31 March 2024



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

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

Date of Issue: 08 May 2024



i-NoCarbon Limited
Change Today for a Better Tomorrow!
Sunbury-on-Thames, United Kingdom

This **SACFA Toolkit** has been developed based on the **Agriculture Carbon Footprint Assessor (ACFA)** Version 1.0 expounded by **Inhana Organization Research Foundation (IORF)** in association with **i-NoCarbon Limited (i-NC)** (based on relevant IPCC Guidelines and empirical scientific research works).

This assessment was carried out remotely, using data provided by the client. All obligations of the accuracy of the data rest with the client.

Vers: 2023/iNC-EdQu/v1