

# GREENER ROOTS, SMARTER FUTURE

MEASURE. REDUCE. REGENERATE



**NANSEN ENVIRONMENTAL  
RESEARCH CENTRE (INDIA)**

**YOUR PARTNER FOR A SUSTAINABLE FUTURE**

## EMPOWERING ORGANIZATIONS TOWARDS A LOW-CARBON FUTURE

At Nansen centre, we offer expert consultancy services to guide organizations, institutions, and communities on their journey to carbon neutrality. Grounded in globally recognized standards, we deliver robust, transparent, and verifiable carbon management strategies tailored to your unique operational footprint.

## OUR GOALS & APPROACH

- Assess GHG emissions and sequestration
- Promote sustainable practices
- Enable carbon credit eligibility

## WHY IT MATTERS

**Benefits of Carbon Neutral & Sustainable agriculture**

- ✓ Enhanced brand visibility
- ✓ Access to International market
- ✓ Improved ESG scores
- ✓ Gateway to carbon credits trading
- ✓ Scalable model for other estates

## WHO WE ARE

Nansen Environmental Research Centre India (NERCI) was established in 1999 as a joint venture between Indian and Norwegian partners. NERCI conducts basic and applied research projects and consultancy in carbon neutrality assessment, ocean and atmospheric sciences funded by national and international agencies, organizations and industry. It is a non-profit environmental and climate research centre within the Nansen Group of research centres

## OUR EXPERTISE

Our carbon neutrality analysis is built on a solid foundation of internationally accepted standards:

- ISO 14064-1,2,3 / GHG Protocol – Greenhouse Gas emissions quantification and reporting
- ISO 14040 & ISO 14044 - Life cycle assessment
- ISO 14067- Carbon footprint of products
- ISO 14068 – Climate change management and carbon neutrality
- BSI PAS 2060 – Specification for the demonstration of carbon neutrality

## WHAT WE OFFER

### ✓ Carbon Footprint Assessment

- Scoping and boundary setting (Scope 1, 2 & relevant Scope 3 emissions)
- Data collection and emissions calculation using ISO 14064-1 and GHG Pro to col
- Sector-specific emission factors and custom datasets integration

### ✓ Carbon Neutrality Strategy Development

- Identification of reduction opportunities across operations and supply chains
- Emissions reduction roadmaps aligned with net-zero ambitions
- Integration of renewable energy, efficiency measures, and sustainable practices

### ✓ Offsetting and Neutrality Declaration

- Guidance on high-quality offsetting aligned with PAS 2060 requirements
- Independent verification and transparency documentation
- Development of a Carbon Management Plan and Qualifying Explanatory Statements (QES)



## OUR MAJOR CLIENTS

**KDHP – Climate Positive<sup>†</sup>**  
The Kanan Devan Hills Plantations Company Private Limited (KDHP) is the largest tea plantation company in South India, producing over 25 million kilograms annually of exquisite teas in state-of-the-art tea factories that comply with the latest Food Safety Standards.  
We are India's first large plantation company to be certified carbon neutral and climate positive<sup>†</sup>.

7.55 lakh tonnes CO<sub>2</sub> equivalent sequestered from our plantations annually

3.90 lakh tonnes O<sub>2</sub> added to the atmosphere annually

It's these little ripples of action that create positive waves of change. When you buy Ripple Tea, you add to the waves and make the change.

<sup>†</sup>Data provided is based on the scientific study conducted by the Nansen Environment Research Centre (India), a member of the Nansen Group of Norway, during the year 2021-22, over 59,000 acres of KDHP's tea gardens.

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## WHY MEASURE CARBON FOOTPRINT OF PLANTATION

In the face of accelerating climate change, nature-based solutions have emerged as powerful tools for restoring ecological balance. Among them, plantations stand out— not just for their ability to absorb carbon dioxide, but for their potential to transform degraded landscapes into thriving carbon sinks.

Plantations offer a scalable path toward climate resilience and carbon neutrality by sequestering atmospheric CO<sub>2</sub> through biomass and soil, enhancing biodiversity, and supporting sustainable livelihoods. This process helps to reduce the global warming.

## CONTACT US

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