CARBON WORLD LTD

PROJECT SPOTLIGHT

METHANE AVOIDANCE & CARBON EMISSIONS REDUCTION

Organic waste. Healthier soils. Lower emissions.

Compost Or

Turning organic residues into agricultural compost while avoiding methane emissions associated with landfill disposal.



01 / THE APPROACH

Turning organic waste into compost.

Compost Or turns organic waste into compost for farming and gardening, using a carefully managed process that allows the material to break down with oxygen.

1 **KEEP ORGANIC WASTE OUT OF LANDFILLS**

Organic waste can release methane when it breaks down without oxygen in landfills. Compost Or diverts this waste to controlled composting, reducing those emissions.

2 **CAREFULLY MANAGE COMPOSTING**

The material is mixed and aerated to supply oxygen. Temperature and moisture are monitored to help it break down into good-quality compost.

3 **RETURN NUTRIENTS TO THE SOIL**

The finished compost adds organic matter and nutrients to agricultural soils, helping improve soil fertility and support plant growth.



02 / THE CLIMATE VALUE

A circular approach. A measurable impact.

Controlled composting reduces methane emissions from organic waste disposal, delivering greenhouse gas reductions measured in CO_2 equivalent (CO_2e).

METHODOLOGY

AMS-III.F., version 12.0: Avoidance of methane emissions through composting.

VALIDATION & VERIFICATION

Independently validated and verified by a validation and verification body (VVB). ICR requirements and ISO 14064-2.

VINTAGE YEARS

2018-2023

INDEPENDENT RATINGS & RISK ASSESSMENT

MSCI rating: BB | Kita risk-assessed
Programme: ICR - ICROA-endorsed in 2025

SUPPORTING SUSTAINABLE DEVELOPMENT

SDG 8
Decent work & economic growth

SDG 12
Responsible consumption & production

SDG 13
Climate action

CONNECT WITH CARBON WORLD

Interested in Compost Or credits or exploring a partnership? We'd love to hear from you. Get in touch to learn more about the project and discuss your needs.

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carbonworld.io/compost-or/

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PROJECT SPOTLIGHT

METHANE AVOIDANCE & CARBON EMISSIONS REDUCTION

Local farm waste. Healthier soils. Lower emissions.

Plotkin Farm

EMEK HEFER COMPOST

Turning organic residues from surrounding farms into compost that supports agriculture and reduces methane emissions.



01 / THE APPROACH

Closing the loop on farm waste.

In the Emek Hefer Valley, Plotkin Farm uses controlled composting to turn agricultural residues into a useful resource for its own fields and other growers.

1 **COLLECT LOCAL ORGANIC RESIDUES**

The farm collects organic residues from nearby agricultural operations, including manure and pruned branches, diverting material from landfill disposal.

2 **COMPOST WITH CONTROLLED AIRFLOW**

Ventilation supplies oxygen to the composting material. Temperature and moisture are monitored to help the material break down under suitable conditions.

3 **RETURN NUTRIENTS TO FARMLAND**

The finished compost is used on the farm and supplied to other growers, adding organic matter and nutrients to support soil fertility and plant growth.



02 / THE CLIMATE VALUE

A circular approach. A measurable impact.

By diverting organic waste from landfills to controlled composting, the project reduces methane emissions and puts valuable organic material back to work.

METHODOLOGY

AMS-III.F., version 12.0: Avoidance of methane emissions through composting.

PROJECT FRAMEWORK

Emek Hefer Compost | ICR project ID 44. Project documentation references ICR requirements and ISO 14064-2.

VINTAGE YEARS

2013-2022

INDEPENDENT RATINGS & RISK ASSESSMENT

MSCI rating: B | Kita risk-assessed
Programme: ICR - ICROA-endorsed in 2025

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