

Plotkin Farm

Emek Hefer Compost

Compost (RAD – Avoidance)



VVB validated & Verified

Emek Hefer Farm, also known as Plotkin Farm, spans 1,000 acres in Northern Israel and specializes in sustainably converting 100,000 tons of organic farm waste into high-quality compost annually. Using advanced, regulated composting techniques, the farm transforms organic waste from surrounding areas into valuable compost for agricultural use. The primary goal of the project is to reduce greenhouse gas emissions by diverting organic waste from landfills and incineration—major sources of methane. By converting waste into compost, the project significantly mitigates methane emissions, contributing to climate change action. The initiative delivers several environmental benefits, including improved soil health, support for sustainable agriculture, and strengthened ecosystem resilience. Compost produced at the farm enhances soil with nutrients and organic matter, resulting in healthier crops and higher yields. This reduces reliance on synthetic fertilizers linked to soil degradation, water pollution, and emissions. Additionally, composting improves soil structure and water retention, helping with drought resilience and reducing erosion. Economically, the project aims to register under the International Carbon Registry to generate carbon credits from its emission reductions. These credits can be sold to entities seeking to offset emissions, with revenues funding project maintenance, expansion and future innovations. The project also supports local economic growth by creating jobs and providing training in composting and sustainable agriculture. It promotes a green economy in the region and encourages similar eco-friendly practices among other farms. In summary, Plotkin Farm is a strong model of sustainability, reducing emissions, enriching soil, and fostering both environmental and economic progress.

Number of credits issued 417,000 t CO₂e

Monitored GHG emission mitigation (t CO₂-e) for the monitoring period: 414,107 tons CO₂e

Criteria for validation : ICR requirement v.6.0 ISO 14064-2 Applied methodology, AMS-III.F

SDGs



