

CZECH REPUBLIC: LANDFILL GAS PROJECT TERRASYSTEMS

Kyoto Mechanism:	Joint Implementation
Project Category (UNFCCC):	Waste Management and Energy (renewable / non-renewable sources)
Location:	4 Locations / Czech Republic
Emission Reductions purchased:	150.134 tons CO ₂ -Äquivalent

The project comprises the use of landfill gas for electricity generation at four landfill sites in the Czech Republic. Only in case of malfunction of the gas turbines the landfill gas will be flared.

At the landfill sites TKO Ronov nad Sazavou (Bohemia, district Vysocina), EKOS Revnice (Bohemia, district Stredocesky), TKO Medlov (Moravia, district Olomoucky) and landfill Nasavrky (Bohemia, district Pardubicky) predominantly domestic waste and industrial waste resembling domestic waste is deposited.

The project generates emission reductions amounting to approx. 150.000 tons CO₂-Äquivalent by the use of landfill gas and resulting avoidance of methane emissions. The project does not claim emission reductions from the use of landfill gas for electricity generation. Project start is scheduled for the beginning of 2007, leading to the avoidance of CO₂-emissions already in the second half of 2007. Therefore and subject to host country approval, the purchase of 16.961 tons CO₂-Äquivalent, so called "early credits", has been agreed with the seller.

The seller of emission reductions is a private project company in which an Austrian company holds a stake of 40%.