Biosolids reuse as fertilizer and fuel by advanced dryer of high efficiency using heat pump with self-heat recuperation

Members of Demonstration

OKAWARA MFG.CO.,LTD · Hadano city office · Kansai Electric Power CO.,INC

Site of Demonstration

Hadano Wastewater Treatment Plant (Kanagawa Pref.)

Demonstration Overview

The objective of this study is to demonstrate the performance of high efficiency heat pump dryer for sewage sludge based on self-heat recuperation, reduce the sludge disposal cost in small or medium local governments, and also expand effective applications.

Effective reduction in life cycle cost, energy consumption and CO₂ emission!

