

FEASIBILITY ANALYSIS OF BIOGAS PLANTS

Innovations and Benefits - Support to biogas production plant sizing, design and set-up by way of the software platform Aida, Advanced and innovative tool for developing feasibility analysis of biomass plants. It allows to perform the technical and economic pre-feasibility analysis of anaerobic digestion and gasification plants.

Uses - It provides support to evaluate, based on biomass characteristics, the pre-dimensioning of a biogas or syngas production plant and its performance in terms of energy and costs as related to the incentives provided for by the law.

Past and Present Activities -

Some of the most diffused bio-energetic national production chains are under analysis in order to get a comprehensive economic, energetic and environmental assessment and the exploitation of biomass energy.

ENEA expertise could provide operative advice for a better and efficient conversion of biomass till digestate management and use.

Digestori modulari mobili

DMM2000 (Cupinoro)
Digestione: Topinambur



DMM6000 (Casaccia)
Co-digestione : Topinambur + Rifiuto Mensa



Characteristics: CUSTOM

Thanks to its flexibility, the feasibility analysis of biogas plants service can be adjusted to different needs and contexts