Collection an use of urban wood waste



TEGA operates in urban public services area and initiated large campaign for wood residue collection in cities/villages in Covasna County. TEGA uses wood chips as fuel in its heating plant and provide heating for its workshops, offices. The capacity of the heat boiler is 200 kWt.
The idea was to collect wood residues from green areas. Collected wood residues are chopped and crushed and can be delivered for energy production. Types of collected waste wood: i.e. forest sanitation, gardening cuttings and cleaning operations. The types of biomass used are wood residues (barks, chips, branches).

Energy problems are so acute, that it is no longer possible to satisfy the local's constantly growing needs. This growth of energy demand must be increasingly satisfied by diversified energy sources, including sustainable and renewable resources. Biomass is a renewable energy option that can be practical and safe, can strengthen the circular economy, and can help ease the urgent strain on our planet's ecosystem.

TEGA company promotes and invests in acceleration of the entire biomass chain. The company members participate in collection, chipping activities and produce more than 500 m3 woodchips. They use this biomass material and valorize at the company. Moreover, training sessions on bioenergy issues, active involvement in local projects such as at waste collection actions TEGA company was actively involved.

DETALJER

VEDENS URSPRUNG

Landskapsplanering, parker

TRäTYP

Returträ eller träavfall

TYP AV TRä

Wood residuals, branches, barks, chips, old wreaths, christmas trees, etc

PåVERKAN På MILJö & BIOLOGISK MåNGFALD

TEGA S.A. focused on the economic sustainability of the initiatives based on the circular economic model.

EKONOMISK EFFEKT

The activity of the company is more sustainable by reducing the energy expenses

KOMMERSIELL POTENTIAL

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NAV

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EKONOMISK PåVERKAN

257 employees, Turnover 1 mil. €

SPECIFIKA KUNSKAPSBEHOV

MOBILISERINGSPOTENTIAL

500 m3 comparing to normal practice, affected area is 3400 km2

HåLLBARHETS POTENTIAL - VäRDE

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ENKEL IMPLEMENTERING

Easy

ENKEL IMPLEMENTERING - UTVäRDERING

--

NYCKEL FöRUTSäTTNINGAR

Urban wood waste to energy

TYP AV EVENEMANG DäR DENNA BPI HAR PRESENTERATS

--

EFFEKT ANTAL ANSTäLLDA

20 new jobs

KOSTNADER FöR IMPLEMENTERING (EURO - €)

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MER INFORMATION

UTMANING SOM ADRESSERAS

--

DOMäN

Industri för skogsbaserad bioenergi

TYPE AV LöSNING

--

NYCKELORD

--

DIGITAL LöSNING

Nej

INNOVASION

Nej

UPPHOVSLAND

Rumänien

POTENTIAL

Lokal

START OCH SLUTåR

2010 -

REFERENCES AND RESOURCES

HEMSIDA (HUVUDSIDA)

https://www.tega.ro/

PROJEKTETS HEMSIDA

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PROJEKTREFERENS

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RESURSER

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PROJEKT SOM DETTA FACTSHEET SKAPATS INOM

Rosewood

DATUM FöR INLäGG

27 sep 2019

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