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

OPPRINNELSE FOR TRE

Landskapspleie, parker

TYPE TRE

Returtre eller avfallstre

TYPE TRE INVOLVERT

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

PåVIRKNING På MILJø OG BIOLOGISK MANGFOLD

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

INNTEKTSEFFEKT

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

UTNYTTELSESPOTENSIAL

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HUB

--

ØKONOMISK PåVIRKNING

257 employees, Turnover 1 mil. €

SPESIFIKKE KUNNSKAPSBEHOV

MOBILISERINGSPOTENSIAL

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

BæREKRAFTPOTENSIAL - VERDI

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ENKEL IMPLEMENTERING

Easy

ENKEL IMPLEMENTERING - EVALUERING

--

VIKTIGE FORUTSETNINGER

Urban wood waste to energy

TYPE BEGIVENHET DER DENNE BPI HAR BLITT OMTALT

--

EFFEKT På ARBEIDSPLASSER

20 new jobs

KOSTNADER MED IMPLEMENTERING (EURO - €)

--

MER INFORMASJON

UTFORDRING ADRESSERT

--

DOMENE

Industri for skogbasert bioenergi

TYPE LøSNING

--

NøKKELORD

--

DIGITAL LøSNING

Nei

INNOVASJON

Nei

OPPRINELSESLAND

Romania

POTENSIALE

Lokal

START OG SLUTT åR

2010 -

REFERENCES AND RESOURCES

HJEMMESIDE (HOVEDSIDE)

https://www.tega.ro/

PROSJEKTETS HJEMMESIDE

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REFERANSE TIL PROSJEKT

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RESSURSER

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PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER

Rosewood

INNLEGGSDATO

27 sep 2019

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