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.

PODROBNOSTI

PôVOD DREVA

Krajinárstvo, mestské a obecné lesy

DRUH DREVA

Recyklované alebo odpadové drevo

UVAžOVANý DRUH DREVA

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

VPLYV NA žIVOTNé PROSTREDIE A BIODIVERZITU

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

DOPAD NA PRíJMY

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

POTENCIáL VYUžITIA

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ROZBOčOVAč

--

EKONOMICKý VPLYV

257 employees, Turnover 1 mil. €

POTREBA šPECIFICKýCH ZNALOSTí

MOBILZAčNý POTENCIáL

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

POTENCIáL UDRžATEľNOSTI - HODNOTA

--

UľAHčENIE IMPLMENTáCIE

Easy

UľAHčENIE IMPLMENTáCIE - HODNOTENIE

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KľúčOVé PREPOKLADY

Urban wood waste to energy

TYP PODUJATIA, NA KTOROM BOL TENTO BPI PREZENTOVANý

--

DOPAD NA ZAMESTNANOSť

20 new jobs

NáKLADY NA IMPLEMENTáCIU (EURO - €)

--

VIAC INFORMáCIí

RIEšENá VýZVA

--

DOMAIN

Výrobcovia energie z dreva

TYP RIEšENIA

--

KľúčOVé SLOVá

--

DIGITALNE RIEšENIE

Nie

INOVáCIE

Nie

KRAJINA PôVODU

Rumunsko

ROZSAH APLIKáCIE

Local

ZAČIATOK A KONIEC ROKA

2010 -

REFERENCES AND RESOURCES

HLAVNá WEBSTRáNKA

https://www.tega.ro/

PROJEKTOVá WEBSTRáNKA

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REFERENCIA PROJEKTU

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ZDROJE

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PROJEKT, V RáMCI KTORéHO BOL TENTO INFORMAčNý PREHľAD VYTVORENý

Rosewood

DáTUM ODOSLANIA

27 sep 2019

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