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.

DETALII

SURSA DE LEMN

Peisagistică, terenuri municipale

TIPUL DE LEMN

Lemn reciclat sau reziduu din lemn

TIPUL DE LEMN îN CAUZă

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

IMPACTUL ASUPRA MEDIULUI șI BIODIVERSITățII

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

EFECT ASUPRA VENITURILOR

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

POTENțIAL DE EXPLOATARE

--

HUB

--

IMPACT ECONOMIC

257 employees, Turnover 1 mil. €

CUNOșTINțE SPECIFICE NECESARE

POTENțIALUL DE MOBILIZARE

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

POTENțIAL DE SUSTENABILITATE - VALOARE

--

FACILITATEA DE IMPLEMENTARE

Easy

FACILITATEA DE IMPLEMENTARE - EVALUARE

--

CONDIțII CHEIE PREALABILE

Urban wood waste to energy

TIPUL DE EVENIMENT LA CARE A FOST PREZENTAT ACEST IPB

--

EFECT ASUPRA LOCURILOR DE MUNCă

20 new jobs

COSTURI PENTRU IMPLEMENTARE (EURO - €)

--

MAI MULTE DETALII

PROVOCARE ABORDATă

--

DOMAIN

Industria energiei din lemn

TIP DE SOLUțIE

--

CUVINTE CHEIE

--

SOLUțIE DIGITALă

Nu

INOVAțIE

Nu

ȚARA DE ORIGINE

România

SCARA DE APLICARE

Local

ANUL DE îNCEPUT șI DE SFâRșIT

2010 -

REFERENCES AND RESOURCES

PAGINă WEB

https://www.tega.ro/

RESURSE

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WEBSITE PROJECT

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REFERINță PROIECT

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PROIECTUL ÎN CADRUL CăRUIA A FOST CREATă ACEASTă FIșă INFORMATIVă

Rosewood

DATA POSTăRII

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