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.

DETALJI

PODRIJETLO DRVA
Krajobraz, komunalne šume

VRSTA DRVA
Reciklirano ili otpadno drvo

ODGOVARAJUĆA VRSTA DRVA
Wood residuals, branches, barks, chips, old wreaths, christmas trees, etc

UTJECAJ NA OKOLIŠ I BIORAZNOLIKOST
TEGA S.A. focused on the economic sustainability of the initiatives based on the circular economic model.

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

POTENCIJAL ISKORISTIVOSTI
--

SREDIŠTE
--

GOSPODARSKI UČINAK
257 employees, Turnover 1 mil. €

POTREBNA POSEBNA ZNANJA

POTENCIJAL ZA POVEĆANJE UPORABE DRVA
500 m3 comparing to normal practice, affected area is 3400 km2

POTENCIJAL ODRŽIVOSTI - VRIJEDNOST
--

JEDNOSTAVNOST PROVEDBE
Easy

JEDNOSTAVNOST PROVEDBE - EVALUACIJA
--

KLJUČNI PREDUVJETI
Urban wood waste to energy

VRSTA DOGAđAJA NA KOJEM JE PRIKAZAN OVAJ BPI
--

UČINAK NA ZAPOŠLJIVOST
20 new jobs

TROŠKOVI PROVEDBE (EURO - €)
--

VIŠE DETALJA

IZAZOV

--

DOMENA

Drvna energetska industrija

VRSTA RJEŠENJA

--

KLJUČNE RIJEČI

--

DIGITALNO RJEŠENJE

Ne

INOVACIJA

Ne

ZEMLJA PODRIJETLA

Rumunjska

PODRUČJE PRIMJENE

Lokalna

POČETAK I KRAJ GODINE

2010 -

REFERENCES AND RESOURCES

GLAVNA WEB STRANICA

https://www.tega.ro/

WEB STRANICA PROJEKTA

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REFERENCA PROJEKTA

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IZVORI

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PROJEKT U OKVIRU KOJEG JE INFORMATIVNI LIST KREIRAN

Rosewood

DATUM UNOSA

27 ruj 2019

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 862681

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