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

IZVOR LESA

Vzdrževanje površin

TIP LESA

Recikliran in odpadni les

VRSTA OBRAVNAVANEGA LESA

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

VPLIV NA OKOLJE IN BIODIVERZITETO

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

VPLIV NA PRIHODKE

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

POTENCIAL IZKORIŠČANJA

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VOZLIŠČE

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GOSPODARSKI VPLIV

257 employees, Turnover 1 mil. €

POTREBNO SPECIFIČNO ZNANJE

POTENCIAL ZA MOBILIZACIJO

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

TRAJNOST - VREDNOST

--

ENOSTAVNOST IZVEDBE

Easy

ENOSTAVNOST IZVEDBE - OCENJEVANJE

--

KLJUČNI PREDPOGOJI

Urban wood waste to energy

VRSTA DOGODKA, NA KATEREM JE BIL PREDSTAVLJEN TA BPI

--

VPLIV NA DELOVNA MESTA

20 new jobs

STROŠKI IZVEDBE (EURO - €)

--

VEČ PODROBNOSTI

IZZIV

--

DOMENA

Lesna biomasa

TIP REŠITVE

--

KLJUČNE BESEDE

--

DIGITALNE REŠITVE

No

INOVACIJA

Ne

IZVORNA DRŽAVA

Romanija

OBSEG UPORABE

Lokalni

ZAČETNO IN KONČNO LETO

2010 -

REFERENCES AND RESOURCES

SPLETNA STRAN

https://www.tega.ro/

VIRI

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SPLETNA STRAN PROJEKTA

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REFERENCA PROJEKTA

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PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

Rosewood

DATUM OBJAVE

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