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.

DETTAGLI

ORIGINE DEL LEGNO
Landscaping, boschi comunali

TIPO DI LEGNO
Legno riciclato o usato

TIPO DI LEGNO IN QUESTIONE
Wood residuals, branches, barks, chips, old wreaths, christmas trees, etc

IMPATTO SULL'AMBIENTE E LA BIODIVERSITà
TEGA S.A. focused on the economic sustainability of the initiatives based on the circular economic model.

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

POTENZIALE DI SFRUTTAMENTO
--

HUB
--

IMPATTO ECONOMICO
257 employees, Turnover 1 mil. €

CONOSCENZE SPECIFICHE NECESSARIE

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

POTENZIALE SOSTENIBILITà - VALORE
--

FACILITà DI IMPLEMENTAZIONE
Easy

FACILITà DI IMPLEMENTAZIONE - VALUTAZIONE
--

PREREQUISITI CHIAVE
Urban wood waste to energy

TIPO DI EVENTO IN CUI QUESTO BPI è STATO PRESENTATO
--

EFFETTO SUL LAVORO
20 new jobs

I COSTI DI ATTUAZIONE (EURO - €)
--

Più DETTAGLI

SFIDA RISOLTA

--

DOMINIO

industria energetica del legno

TIPO DI SOLUZIONE

--

PAROLE CHIAVE

--

SOLUZIONE DIGITALE

No

INNOVAZIONE

No

PAESE D'ORIGINE

Romania

SCALA DI APPLICAZIONE

Local

INIZIO E FINE ANNO

2010 -

REFERENCES AND RESOURCES

SITO PRINCIPALE

https://www.tega.ro/

SITO WEB DEL PROGETTO

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PROGETTO DI RIFERIMENTO

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RISORSE

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PROGETTO NELL'AMBITO DEL QUALE QUESTA SCHEDA è STATA CREATA

Rosewood

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27 Set 2019

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