Heat Entrepreneurship Cluster of South Ostrobothnia



Heat entrepreneurs produce heat for customers by using renewable solid bio-fuels. In recent decades this operational model has become more common in Finland. Different skill sectors have formed around heat entrepreneurship such as training, research, consultation and equipment production. A heat entrepreneurship knowledge cluster has been built in South Ostrobothnia Finland.

The HECSO development project has assembled the heat entrepreneurship knowledge cluster of South Ostrobothnia. The knowledge cluster has been made to utilise, in many different ways, the companies located in the region, other actors in the region and the internationalisation of the whole province.
A principal component of internationalisation is the knowledge cluster's training package on heat entrepreneurship, which is on offer to interested foreign target groups. Vocational Adult Education Sedu is responsible for the training. The training package lasts for one week, and is compiled through co-operation with the Finnish Forest Centre and regional heat entrepreneurs and machine and equipment manufacturers.
Heat entrepreneurship is the production of local renewable energy, where an entrepreneur or company sells heat at an agreed price to a user. In the best scenarios there can be many heat purchasers. Heat is conveyed to the customer from the heating plant by a district heating network. Generally the fuel is the entrepreneur's own forest or locally procured wood, but it can also be wood refining by-products, wood for re-cycling and peat.

The knowledge cluster consists of heat entrepreneurs, heat entrepreneurship units, research, training and the supply of machines and equipment for the whole production chain. The knowledge cluster can also be utilized internationally by offering knowledge and training opportunities to foreign target groups.

DETALJI

PODRIJETLO DRVA

--

VRSTA DRVA

--

ODGOVARAJUĆA VRSTA DRVA

Stemwood, Above and below ground woody biomass

UTJECAJ NA OKOLIŠ I BIORAZNOLIKOST

Positive/reduces the use of fossil fuels

UČINAK NA PRIHOD

Positive

POTENCIJAL ISKORISTIVOSTI

--

SREDIŠTE

Sjeverno središte

GOSPODARSKI UČINAK

Very positive

POTREBNA POSEBNA ZNANJA

Good network abilities needed

POTENCIJAL ZA POVEĆANJE UPORABE DRVA

Medium

POTENCIJAL ODRŽIVOSTI - VRIJEDNOST

--

JEDNOSTAVNOST PROVEDBE

Medium

JEDNOSTAVNOST PROVEDBE - EVALUACIJA

--

KLJUČNI PREDUVJETI

Heat entrepreneurship promotes local business activity

VRSTA DOGAĐAJA NA KOJEM JE PRIKAZAN OVAJ BPI

--

UČINAK NA ZAPOŠLJIVOST

Positive / increases local employment

TROŠKOVI PROVEDBE (EURO - €)

--

VIŠE DETALJA

IZAZOV

4. Osiguranje dobro obučene radne snage kroz razvoj i obrazovanje u atraktivnim vještinama

KLJUČNE RIJEČI

--

ZEMLJA PODRIJETLA

Finska

DOMENA

Upravljanje inovacijama, digitalni centri, klasteri, eksploatacija (transverzalno)

DIGITALNO RJEŠENJE

Ne

PODRUČJE PRIMJENE

Regionalno / podnacionalno

VRSTA RJEŠENJA

Mreže, površine za ispitivanje, platforme za istraživanje i razvoj

INOVACIJA

Ne

POČETAK I KRAJ GODINE

--

KONTAKT PODATCI

VLASNIK ILI AUTOR

Yrjö Ylkänen

yrjo.ylkanen@metsakeskus.fi

IZVJESTITELJ

REFERENCES AND RESOURCES

GLAVNA WEB STRANICA

http://www.hecso.fi/

WEB STRANICA PROJEKTA

--

REFERENCA PROJEKTA

--

IZVORI

--

PROJEKT U OKVIRU KOJEG JE INFORMATIVNI LIST KREIRAN

Rosewood

DATUM UNOSA

17 ruj 2019

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

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY