



*Enhancing the quality of life  
through eco-efficient tourism*



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*This programme is funded by the European Union, the Russian Federation and the Republic of Finland*

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**Project no. KA358**

**ECO EFFICIENT TOURISM**

**Enhancing the Quality of Life**

## **Development actions and their estimated costs at stop over points**

Suvi Kärmeniemi

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16.02.2013

**Eco Efficient Tourism**

(Karelian ENPI project KA358)

Co-ordinator: Igor Shevchuk

Non-profit Partnership "Centre for Problems of the North, Arctic and Cross-border Cooperation, Russia

Tel. +7 (814 2) 780109, Fax. +7 (814 2) 769600, E-mail [shevchuk@krc.karelia.ru](mailto:shevchuk@krc.karelia.ru)

<http://www.eet-northcentre.ru>

[http://www.kareliabiosphere.fi/in\\_english/eco-efficient\\_tourism/](http://www.kareliabiosphere.fi/in_english/eco-efficient_tourism/)

## **Development actions and their estimated costs at stop over points**

There are many different development actions what should be done at stop over sites. Development plan of roadside services in Oulu (By Road Administration, Tiehallitus) includes some assessments about these actions and how expensive they would be (per capita).

When the classification of a stopover site is planned to lift there can be many different actions.

- Building of a new parking area costs about 150 000 €,
- Changing/renewal the crossroad model 150 000 €,
- Building a dodge space 100 000 €,
- Widen the area 25 000€
- Building a parking places for the heavy traffic 24 000 €,
- Building a water used toilet 25 000 €,
- Building a canopy 5000 €,
- Building light (four lights) 4000 €,
- Erecting a guidance map 4000 €,
- Placing a recording video camera 3000 €,
- Placing a waste managing (deep waste container) 2500 €,
- Marking parking places 2000 €,
- Placing a table-bench group 2000 €
- Placing the signs for the same direction/an opposite direction: L areas and P1-areas 1200 €, P2 and P3 areas 300 €

Also lowering the classification of stop over sites brings costs.

- Removing a toilet cost about 2000 €,
- Removing a canopy 1500 €,
- Removing a waste managing (deep waste container) 1000 €,
- Removing play/exercise instruments 800 €,
- Removing a table-bench group 500 €,
- Removing a changing room 500 €,
- Removing a guidance map 500 €,
- Abolition of stop over site 500 €,
- Removing the signing from the arrival or the opposite direction 300 €,
- Removing a waste managing (a waste container on the ground) 200 €

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When the classification of stop over sites is planned to lift or lower it is good to remember that the maximum distance between services (at L-areas and P1-areas) is 26 kilometres (or 20 minutes of drive time). The basic road network (commercial services, L resting areas, P1 parking areas) is complemented with P2 parking sites so that maximum distance between these sites would be 13 kilometres (or 10 minutes of drive time). This entirety is complemented also with P3 areas.

## **REFERENCES**

<http://www.infotripla.fi/oulunliikenne/julkaisut/Liikenteen%20hallinta/Oulun%20tiepiirin%20tienvarsipalvelujen%20kehitt%C3%A4missuunnitelma.pdf>

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