



The European Forestry and Environmental Skills Council (EFESC) is a membership organization of industry representatives and organisations which manage and monitor the skills and competence certification processes on national level.

Chainsaws are potentially dangerous, so it is important to acquire the necessary skills and knowledge to use it. First checking if your training was set up to meet the European Chainsaw Standards, then next level is European Chainsaw Certificates that ensure skills and competences through detailed description of the required qualification for each level. ECC enhance operator mobility and employability throughout Europe, independent of language and country. ECC guarantee traceability of the licensed certificate holder through registration at the National Agency and in the EFESC database.

European minimum standards (ECS) have been developed for different competence levels of chainsaw use. Currently standards are available for the following competence levels:

ECS 1 : chainsaw maintenance and crosscutting

ECS (Tension) : wood under tension (simulated situations)

ECS 2 : basic tree felling

ECS 3 : advanced tree felling

ECS 4 : windblown and damaged trees

ECS (Height): chainsaw use at height (currently being developed)

Based on each of the above ECS competence levels, a formal assessment procedure has been agreed upon. By taking an assessment in an accredited assessment centre, chainsaw users can acquire a European Chainsaw Certificate. Only EFESC accredited assessment centres can issue European Chainsaw Certificates. From 2012 to 31/12/2018, 12.532 certificates were issued at European level.

## DETAILS

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### ORIGIN OF WOOD

Forest

### TYPE OF WOOD

Stemwood

### KIND OF WOOD CONCERNED

Stemwood

### IMPACT ON ENVIRONMENT & BIODIVERSITY

Positive on biodiversity and forest resilience enhancement

### INCOME EFFECT

Positive / more efficient working processes / cost reduction possibility  
identification

### EXPLOITATION POTENTIAL

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### HUB

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### ECONOMIC IMPACT

Enhancement of regionally added value / more efficient working processes  
/active learning

### SPECIFIC KNOWLEDGE NEEDED

### MOBILIZATION POTENTIAL

1 – 2 m<sup>3</sup>/ha

### SUSTAINABILITY POTENTIAL - VALUE

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### EASE OF IMPLEMENTATION

Medium

### EASE OF IMPLEMENTATION - EVALUATION

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### KEY PREREQUISITES

Sentinel2 datas (which are freely available)

### TYPE OF EVENT WHERE THIS BPI HAS BEEN FEATURED

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### JOB EFFECT

Better qualified staff through verification and discussion possibilities

### COSTS OF IMPLEMENTATION ( EURO - € )

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GIS data processing possibilities needed

## MORE DETAILS

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### CHALLENGE ADDRESSED

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### KEYWORDS

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### COUNTRY OF ORIGIN

Austria

### DOMAIN

Education and training

### DIGITAL SOLUTION

No

### SCALE OF APPLICATION

Cross-border/multi-lateral (several countries)

### TYPE OF SOLUTION

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### INNOVATION

No

### START AND END YEAR

2017 -

## REFERENCES AND RESOURCES

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### MAIN WEBSITE

<https://efesc.org/>

### PROJECT WEBSITE

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### PROJECT REFERENCE

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### RESOURCES

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PROJECT UNDER WHICH THIS FACTSHEET HAS BEEN CREATED

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POST DATE

18 Sep 2019

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[Link to Rosewood 4.0](#)



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

