



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.

## DETALHES

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### ORIGEM DA MADEIRA

Floresta

### TIPO DE MADEIRA

Tronco

### TIPO DE MADEIRA EM CAUSA

Stemwood

### IMPACTE NO AMBIENTE E BIODIVERSIDADE

Positive on biodiversity and forest resilience enhancement

### IMPACTE NAS RECEITAS

Positive / more efficient working processes / cost reduction possibility  
identification

### POTENCIAL DE EXPLORAÇÃO

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### HUB

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### IMPACTE ECONOMICO

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

### CONHECIMENTOS ESPECIFICOS NECESSÁRIOS

### POTENCIAL DE MOBILIZAÇÃO

1 – 2 m<sup>3</sup>/ha

### SUSTENTABILIDADE POTENCIAL - VALOR

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### FACILIDADE DE IMPLEMENTAÇÃO

Medium

### FACILIDADE DE IMPLEMENTAÇÃO

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### PRE-REQUISITOS CHAVE

Sentinel2 datas (which are freely available)

### TIPO DE EVENTO EM QUE ESTE BPI TEM SIDO APRESENTADO

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### IMPACTE NO EMPREGO

Better qualified staff through verification and discussion possibilities

### CUSTOS DE IMPLEMENTAÇÃO (EURO - EUR)

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GIS data processing possibilities needed

## MAIS DETALHES

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### DESAFIO ABORDADO

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### PALAVRAS-CHAVE

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### PAÍS DE ORIGEM

Áustria

### DOMÍNIO

Educação e formação

### SOLUÇÃO DIGITAL

Não

### ESCALA DE APLICAÇÃO

Além fronteiras/ multilateral

### TIPO DE SOLUÇÃO

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### INOVAÇÃO

Não

### ANO DE INÍCIO E FIM

2017 -

## REFERENCES AND RESOURCES

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### WEBSITE PRINCIPAL

<https://efesc.org/>

### WEBSITE DO PROJETO

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### REFERÊNCIA AO PROJETO

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### RECURSOS

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PROJETO NO ÂMBITO DO QUAL A FOLHA DE DIVULGAÇÃO FOI CRIADA

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DATA DE ENTRADA

18 Set 2019

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

