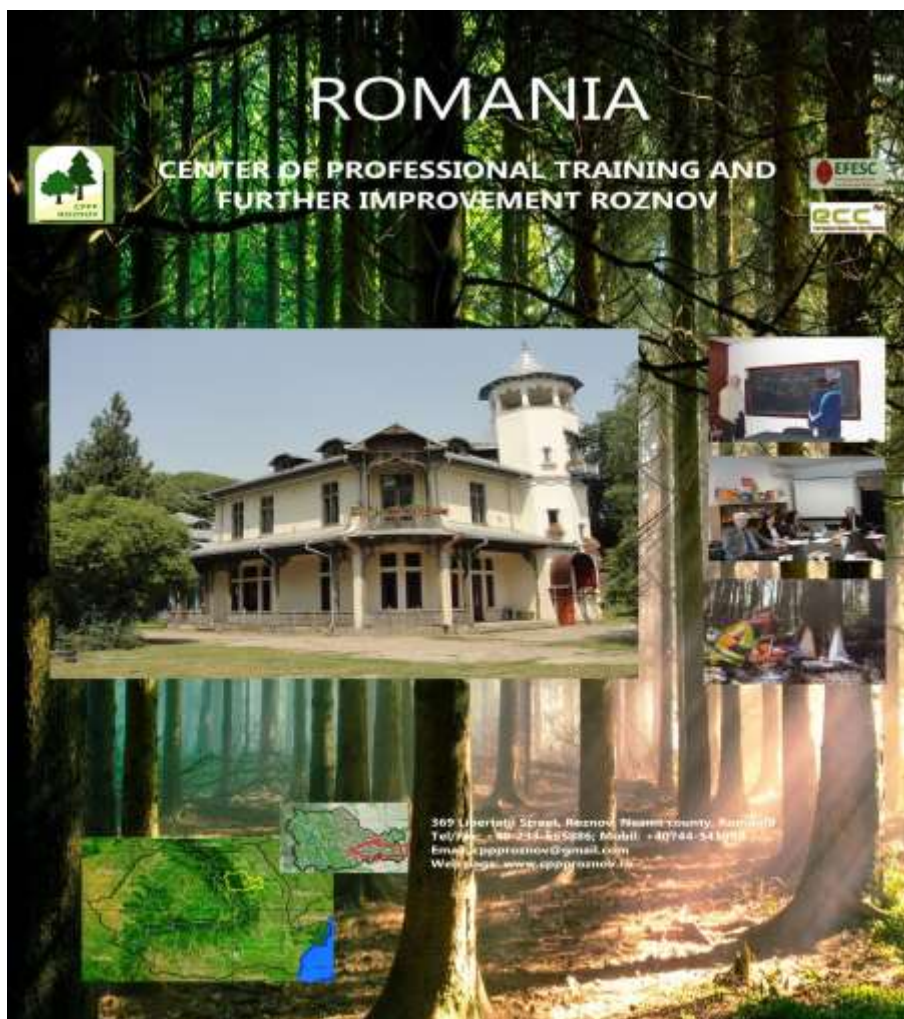


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COUNTRY REPORT

regarding the stage of application of the EFESC STANDARD in ROMANIA



Learning the competences according to the European Standard for qualification as „Operator for Wood Harvesting” represents a priority of the National Agency EFESC ROMANIA due to the advantages offered to the worker who get the certificate, as following:

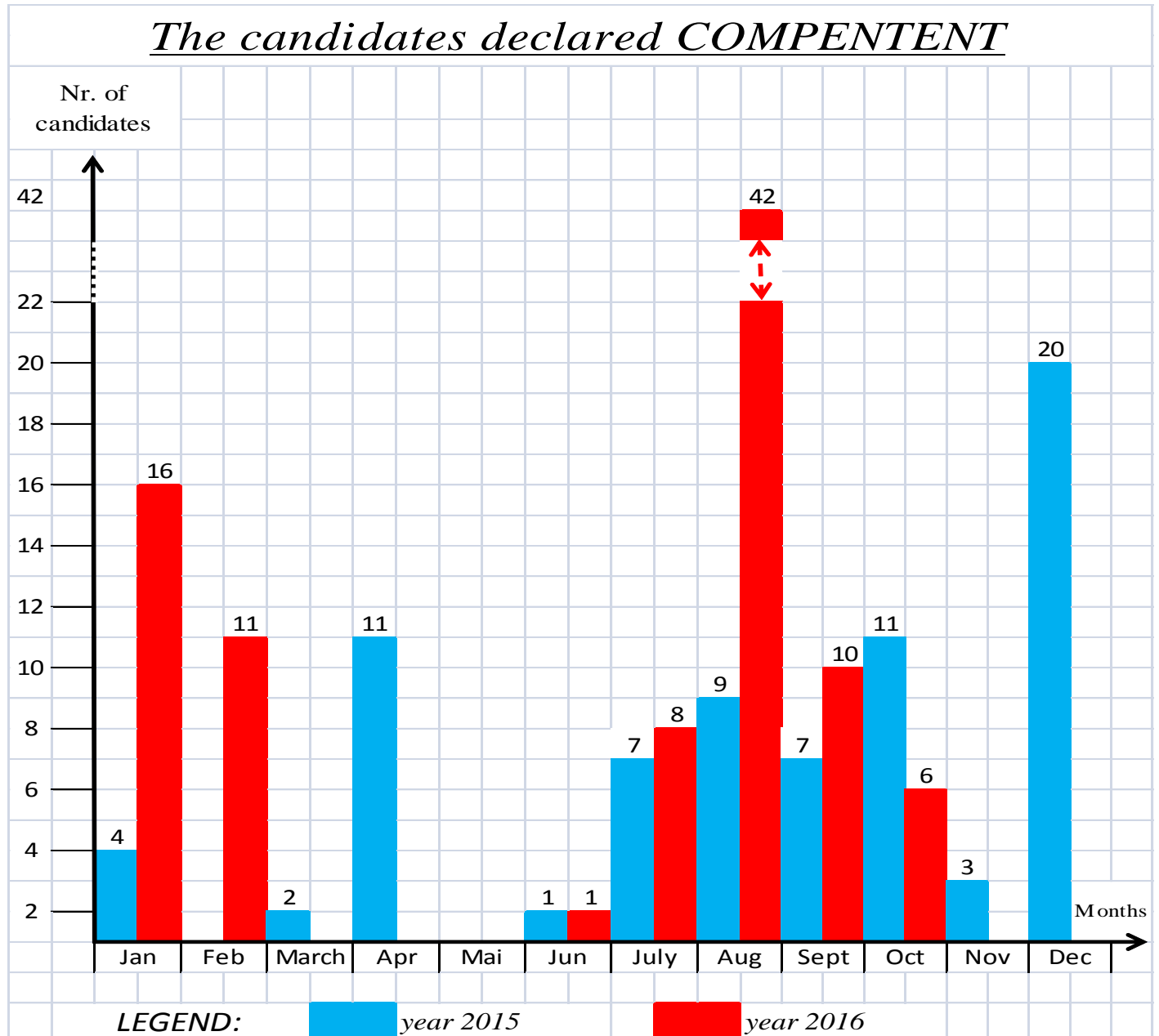
- Making sure about the health and security of work, according to the european vision;
- Minimizing the devalue of the timber during the felling process;
- Increase of the workers mobility inside the european countries;

Putting on the map all these advantages inside the economical medium from Romania (patronage and syndicates), but also to the level of the National Authority of Qualifications (ANC), the contain of the european standard becomes a document of analyze and debate for more and more persons and companies.

The interest for obtaining the EFESC certificate is now situated at the DECLAIMING stage, both from the companies and workers outlook.

Beyond all these, during the last two years since the „**evaluation center**” from **CPPP Roznov** worked based on ECC standards, 179 persons were tested in order to get the **EFESC Certificate**, from which 169 persons were declared **COMPETENT** and 10 persons **NOT YET COMPETENT**.

The situation for year 2015 and the first ten month from this year are presented in the chart below:



The content of the precursory stages of the examination, as it was conceived at the beginning of the EFESC testing activity was modified and all the procedures were adapted to the new situation following permanently to be respected the EFESC standards.

Initially we thought to make serial groups of 25-28 persons, which are going to be distributed after a preliminary examination (in write and oral) in three level of value groups. They have to graduate a short tutorial of 5 days for the first group, 7 days for the second group and maximum 15 days for the third group.

It wasn't possible to follow this procedure because of the low number of applications and because most of the candidates were posting an attitude of **well connoisseur of the occupation** and considering the EFESC Certification as being a **FORMALITY**, neglecting the proving of the appropriate professionals skills and competences from the european standard

In order to warm up the atmosphere and to create a friendly framework, it was necessary to introduce a „tool” accepted by both sides (candidate and assessor). By measurable elements, the candidate has to recognize the existence of some imperfections in the practice of the job „operator for wood harvesting” during the use of the chainsaw. Also by this procedure are displayed the level of the theoretical and practical knowledge and competences from the european standard. And in conclusion to attest the need to follow up corrective action for the deficient skills and working procedures.

It was introduced the „**polygon test**” which is developed to test the practical competences for maintenance (ECC1)

The test is about the correct execution of the „**notch for felling**” of the sink according to the geometrical elements according to the standards, as following:

- The meet of the horizontal cut (for the size of 1/10 from the diameter) with the oblique cut to a 45-60 degrees angle;
- The base of the sink at the place where the two cuts are meeting, to form an angle of 90 degrees with the felling direction.

Both condition are essential to realize the felling direction of the tree, as was set by the operator or conditioned by the technology.

The test is to set a direction of felling the tree according to a mark from a panel with the size of 2.50/1.25 m.

The felling direction has to make a 90 degrees angle with the base of the sink.

The distance to the panel is variable starting from 15-20-25 m to the tree that has to be fell down.

After the making of the notch for the sink, at the base of this we set an equilateral triangle, which has at the half of the segment, to an angle of 90 degrees to the point oriented to the panel, there is a LASER light source which is projected to the panel.

If the light dot is projected directly to the mark, then the notch for the felling was correctly done, fulfilling the most exigent condition.

We consider, in Roznov, that the execution was very good if the light is projected on the panel at 15 m from the tree to be felled. The errors are measurable and are recognized by the candidate and accepted as imperfections.



In conclusion, we can make the candidate to admit that the EFESC examination it's a **NECESSITY** and not a formality. Starting from this moment, the examination steps are going to be accepted, by stimulating the candidate curiosity and, consequently, he will assume the rules and working techniques which were not known or incorrectly executed.

After passing the polygon test, the candidates are continuing the testing in the forest.

The equilateral triangle where we mount in the middle the **LASER** source in order to measure the deviation of the felling direction comparing to the choiced direction is presented in figure no.1, and the succesion of the stages for the felling test in images I...IV.



Img.1



Img.2



Img.3



Img.4



Img.5



Img.6

We mention that the first sink (near the base) was executed by the same candidate, but when he saw the results of the measures, he asked for the permission to repeat the whole operation. At the second try (presented in the material) it was an improvement but we conclude that this candidate has the tendency to make the sink a little deviated to the right.

This conclusion is important for the **candidate**, because when he will operate he will try to set and also important, he already knows the size of this correction.

Another important problem for our center in Roznov is to increase with three persons the number of assessors and one more instructor until 31st of December 2016.

Regarding the establishment of at least two more centers of evaluation we inform that we are in discussions with two new applicants: one near Bucharest and the other one near Brasov.

For the moment, none of them are not accomplishing the conditions to be validated. The most difficult problem is to convince us that they are treating seriously the EFESC testing conditions, this fact is still not proved by this candidates.

Thank you for your attention,

NATIONAL AGENCY DIRECTOR EFESC – ROMANIA

Dipl.eng. MOTAȘ DĂNUȚ CONSTANTIN

07-08 november 2016

COMO - ITALIA