



European Network of Regions On Sustainable WOOD mobilisation

TRAINING AND EDUCATION IN THE NORTHERN HUB

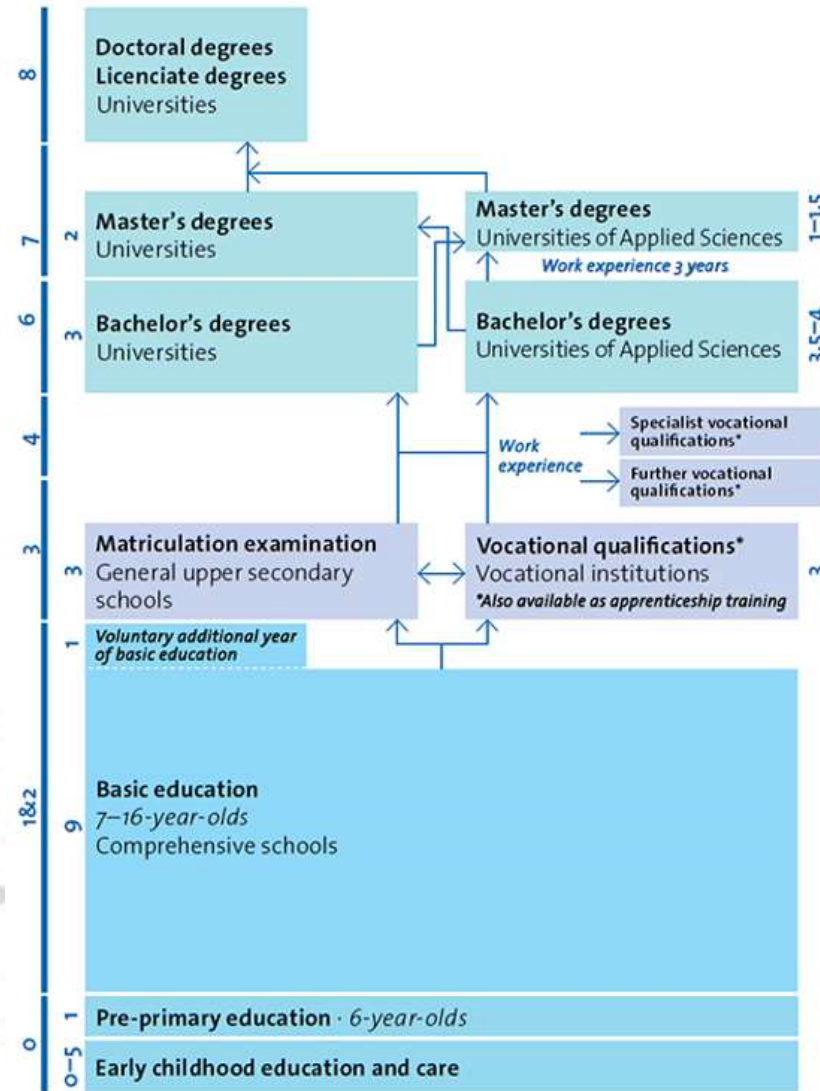
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Forest Innovation Workshop and Rosewood
Final Conference 15.-16.1.2020 Florence



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 776754.

EDUCATION SYSTEM IN FINLAND



Vocational forestry education

- 30 vocational institutions in Finland
- Four competence areas and four titles; forest machine technician, forest machine operator, bioenergy producer and forest worker/forest service provider

Forestry engineer studies

- In 6 UAS institutions (forest management, forest data processing, wood procurement planning, etc)
- Forestry engineer education lasts 4 years; possibility to continue studies by completing the **Master's studies** in university or in UAS.

MSc of forestry –studies in Finland can be completed in 2 universities: University of Helsinki and University of Eastern Finland in Joensuu.

Finnish Forest Centre has a comprehensive selection of courses for forest owners and forest operators every year.



SWOT OF EDUCATION

STRENGTHS

- + Existing forest expertise and large forest resources
- + New forest management alternatives
- + High-quality forest education which is available throughout Finland
- + Digitalization >> strong utilization of new technology

WEAKNESSES

- The sufficiency of forest machine operators and other forest workers << new forest investments

OPPORTUNITIES

- Guidance of forest owners
- Flexible education system enables new initiatives in education
- Close connection between RDI and education

THREATS

- Seasonal variation the forest work
- Climate change >> a need for a new generation of climate change experts
- Forest road network >> need for developing the expertise of forest road construction and maintenance



ROSEWOOD EDUCATION BEST PRACTICES IN NORTHERN HUB

- Strong RDI activities
- Retraining / upgrading of qualifications from engineers to experts of bioeconomy and circular economy
- Bioeconomy specialization training
- The secondary education pathway and its pathway studies



CHALLENGES OF THE ROADMAP FOR EDUCATION AND TRAINING

How to meet the needs of today's working life more efficiently

- *The new reform* of vocational level education was implemented in 2018 designed to update entire vocational education system in Finland.

Lack of workforce

- The forest education system should be able to respond flexibly and quickly to possible changes in labor needs. Also the level of educational attainment and the transfer of graduates to other sectors are very important to take into account.
- use of foreign labour in the forest sector.

The seasonal variation in forestry work causes challenges for both entrepreneurs and employees.

- The situation could be improved by providing short training and working opportunities in another field like in tourism work.

Enhancing the image of the forest sector

- make forestry education more attractive for young people.



THANK YOU FOR YOUR ATTENTION!



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