

BIO-BASED MATERIALS IN KOSOVO – CURRENT ACTIVITIES



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COST FP1303:
Performance of bio-based building materials



General information

Forests, forest products

Houses and Building materials

Higher education, University of Prishtina

Projects

Kosovo



Kosovo



About 2 million inhabitants

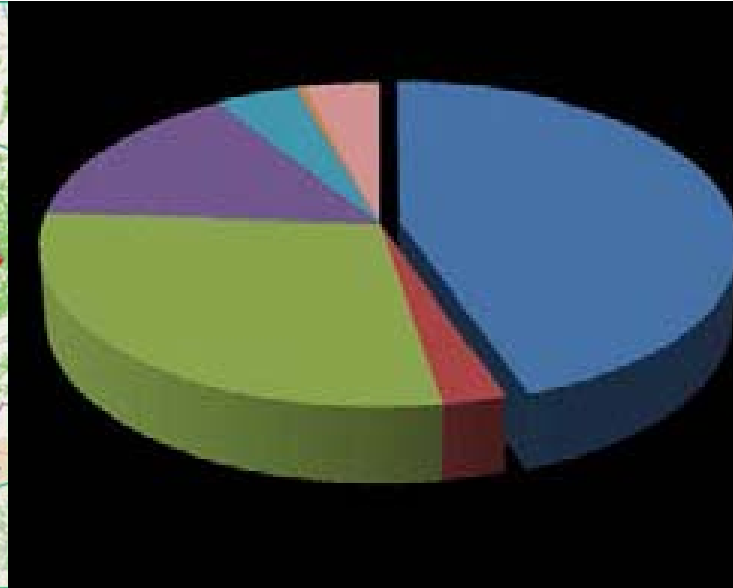
Total surface 10.887 km²

Unemployment: 40%

Population under 25 years : >50%

Each year about 25.000 students complete secondary education (80%)

Kosovo



Forest
Other wooded land
Cropland
Grassland
Settlements
Water

Forest area is estimated at 464,800 ha or 43% of the land area.

Total standing volume of all dimensions: 52 million m³
(average 113 m³ per ha), (40 million m³ >7cm)

Kosovo



Broadleaved forests predominate, covering 90 percent of the area.



New forests

Oak and beech are the main species.



The total standing volume on public forestlands is estimated as 33 million m³ and on private forests is 19 million m³



Kosovo



The annual increment of forests is calculated to be 1.30 million m³.

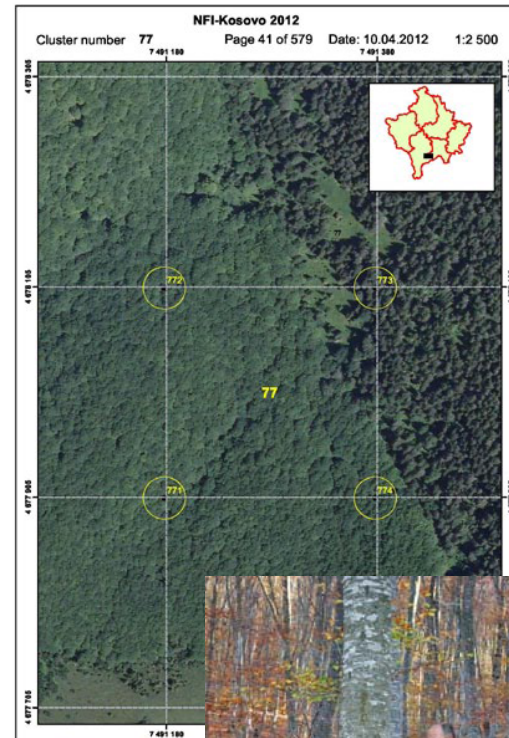
Based on international standards, the annual felling allowance is 900,000 m³, corresponding to 77 percent of the annual increment.

700,000 m³ can be harvested in high forest

200,000 m³ in low forest areas.

60% public forest (278,880 ha)

40% private (185,920 ha)



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Of the total annual felling allowance:

43 percent is categorized as technical wood (class1 and 2),

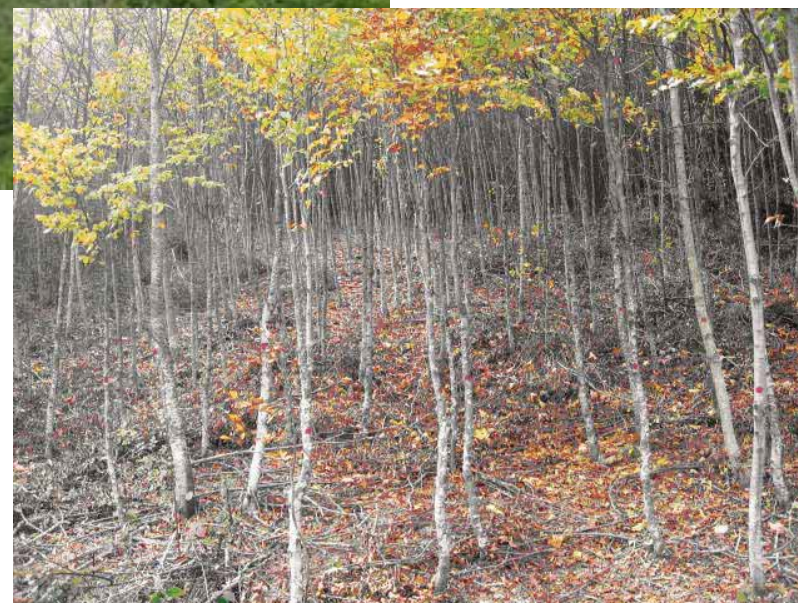
while the remainder is used for heating purposes



Treatment:

Pre-commercial cutting

Thinning



Kosovo



Wood processing industry

Before

1500 enterprises

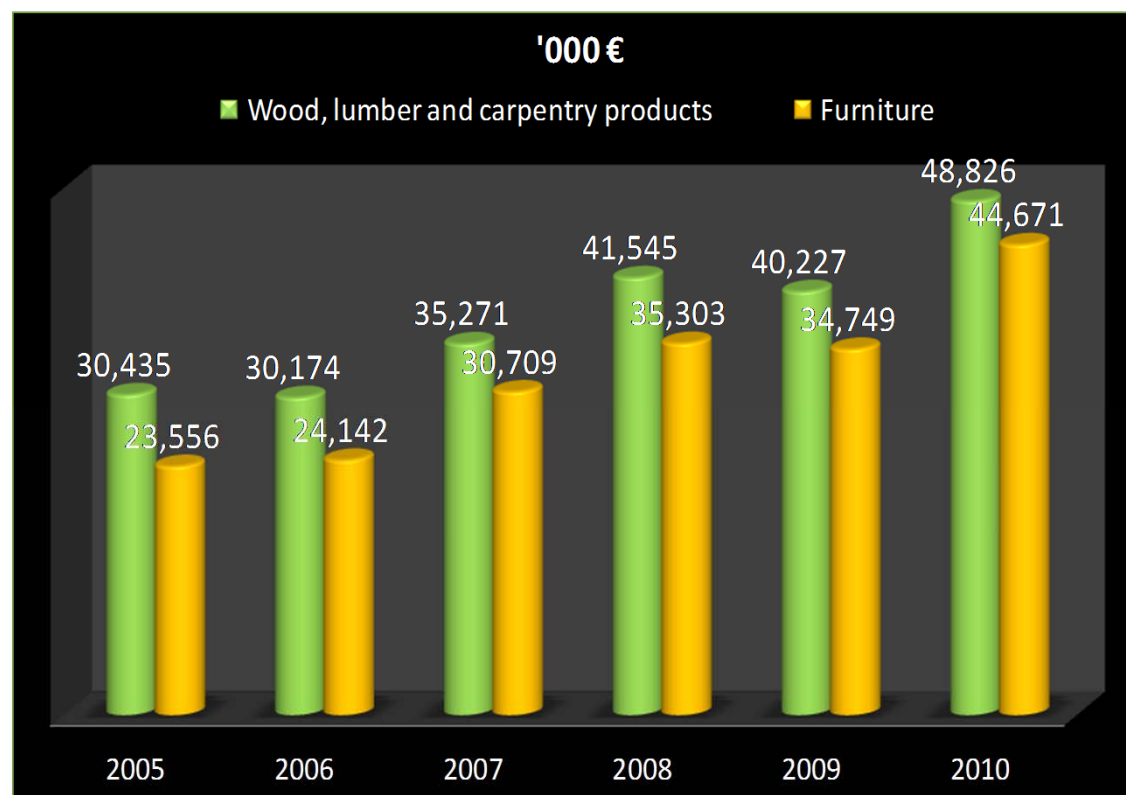
100 most important companies,
employee more than 3,350 workers
(20-150 workers)

Well equipped



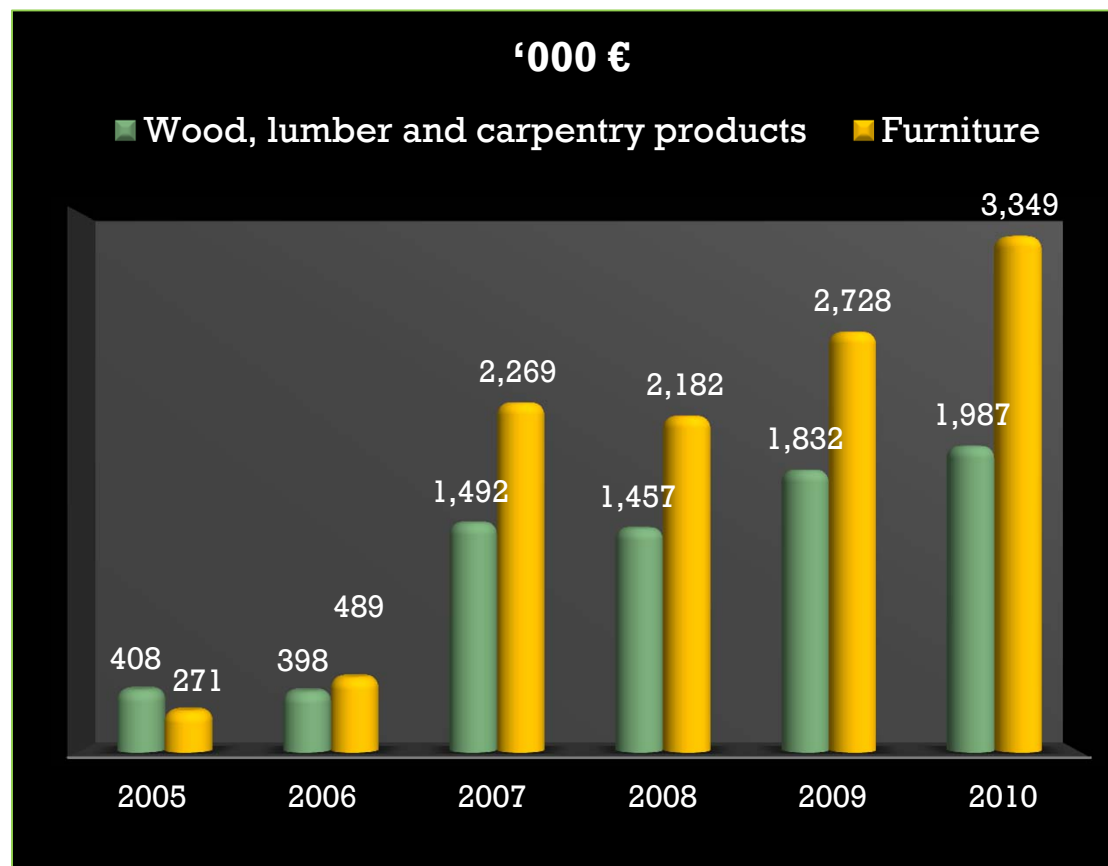


Import of wood products





Export of wood products



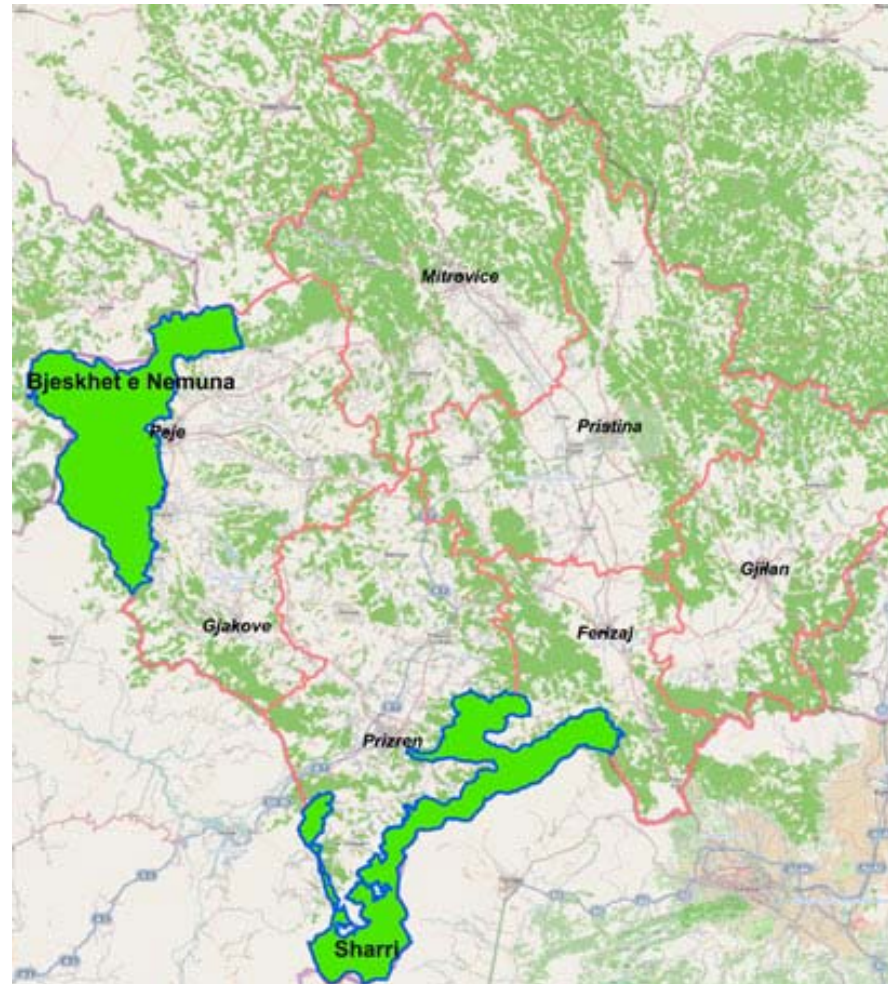
Kosovo



National parks:

Bjeshket e Nemuna

Sharri



Kosovo



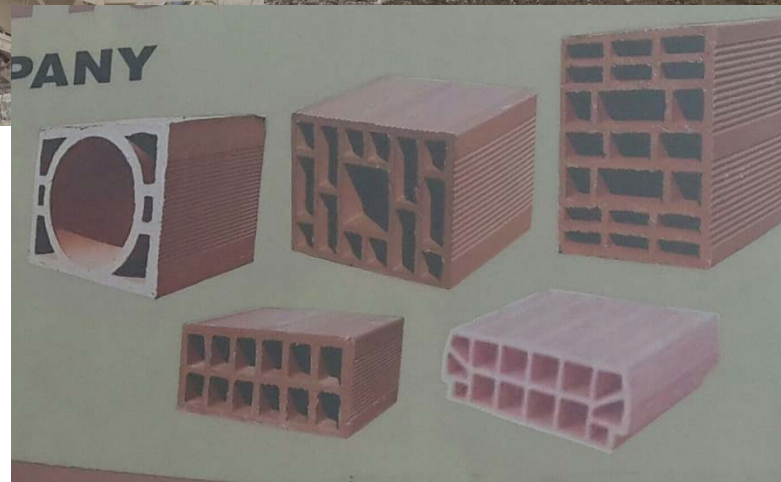
Houses



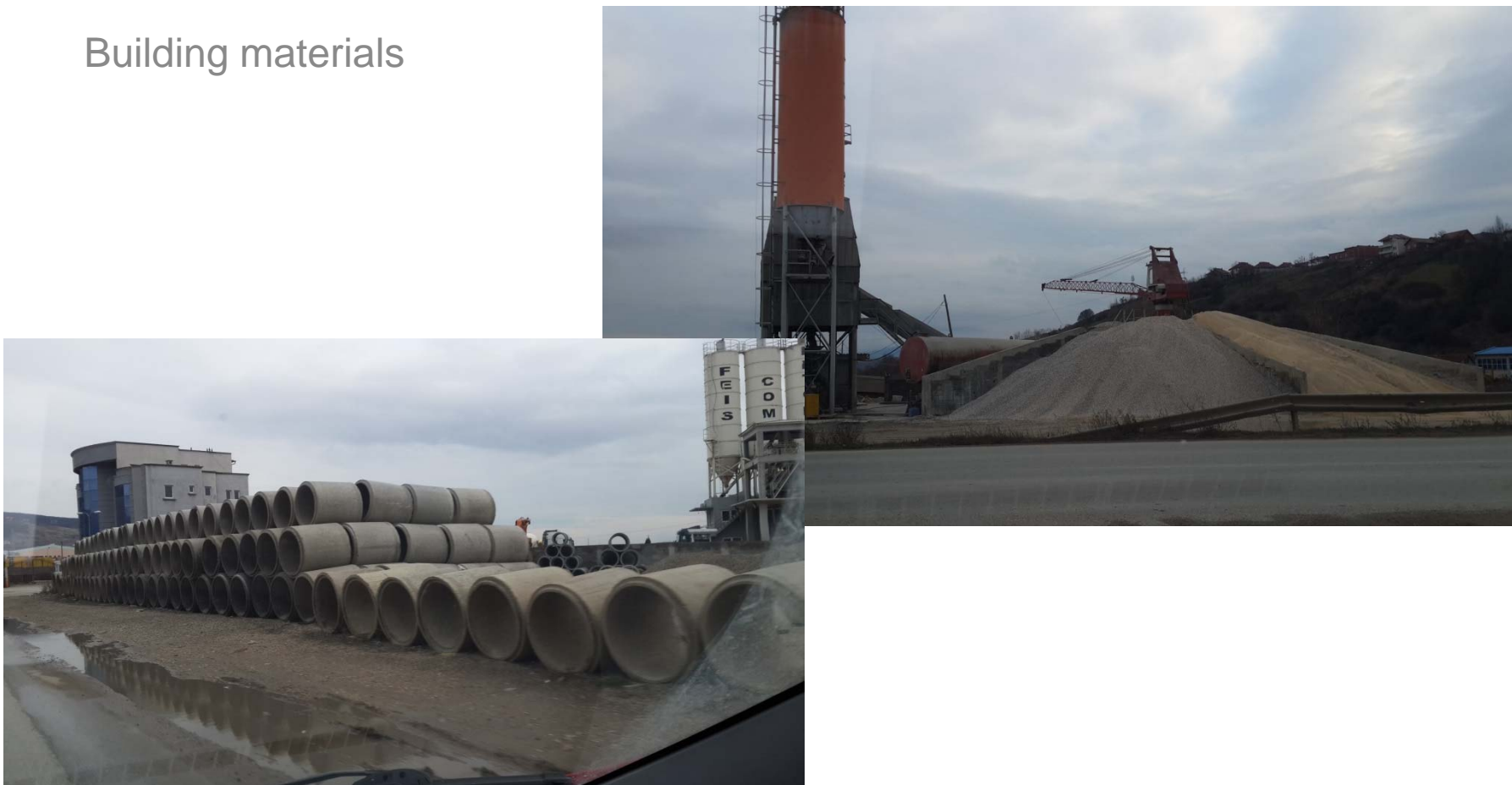
Houses



Building materials



Building materials



Kosovo



University of Prishtina



Faculty of Applied Sciences

Wood Technology Department



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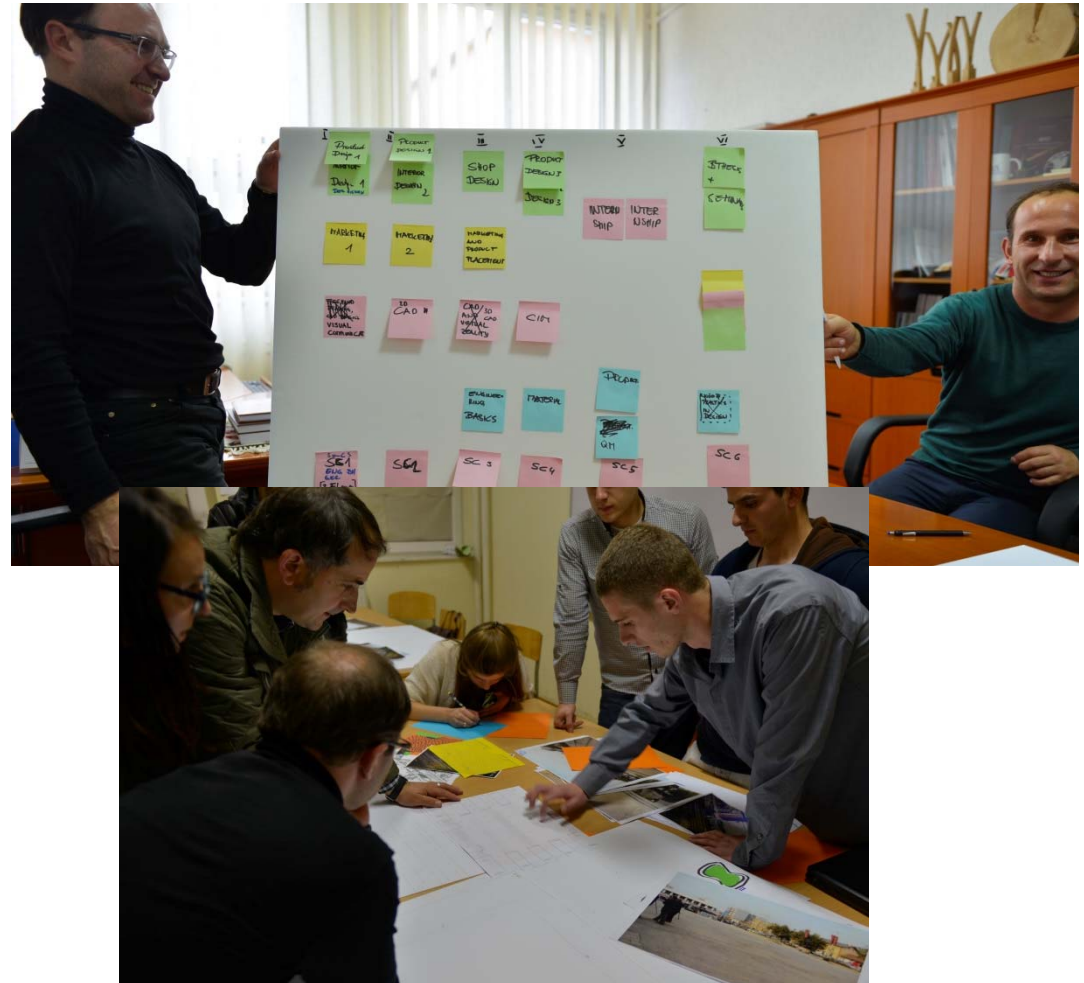
Projects:

Partnership with Salzburg
University of Applied Sciences

Curriculum Development:

Design of Interior and Wood
Technology

Interior Architecture and Furniture
Design



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Projects:

Study of Selected mechanical and Physical properties of Turkey Oak (*Quercus cerris* L.)



Kosovo

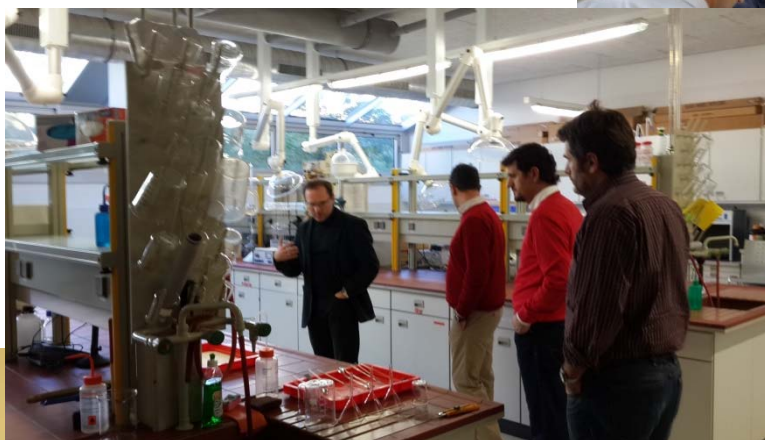


Projects:

International Conference

Workshops

Mobility of Academic
Staff and Students



Faculty of Applied Sciences Ferizaj



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Thank you for your attention!

