



Vocational training of construction inspectors - Survey Report Romania -

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- 3rd General Meeting, Athens -

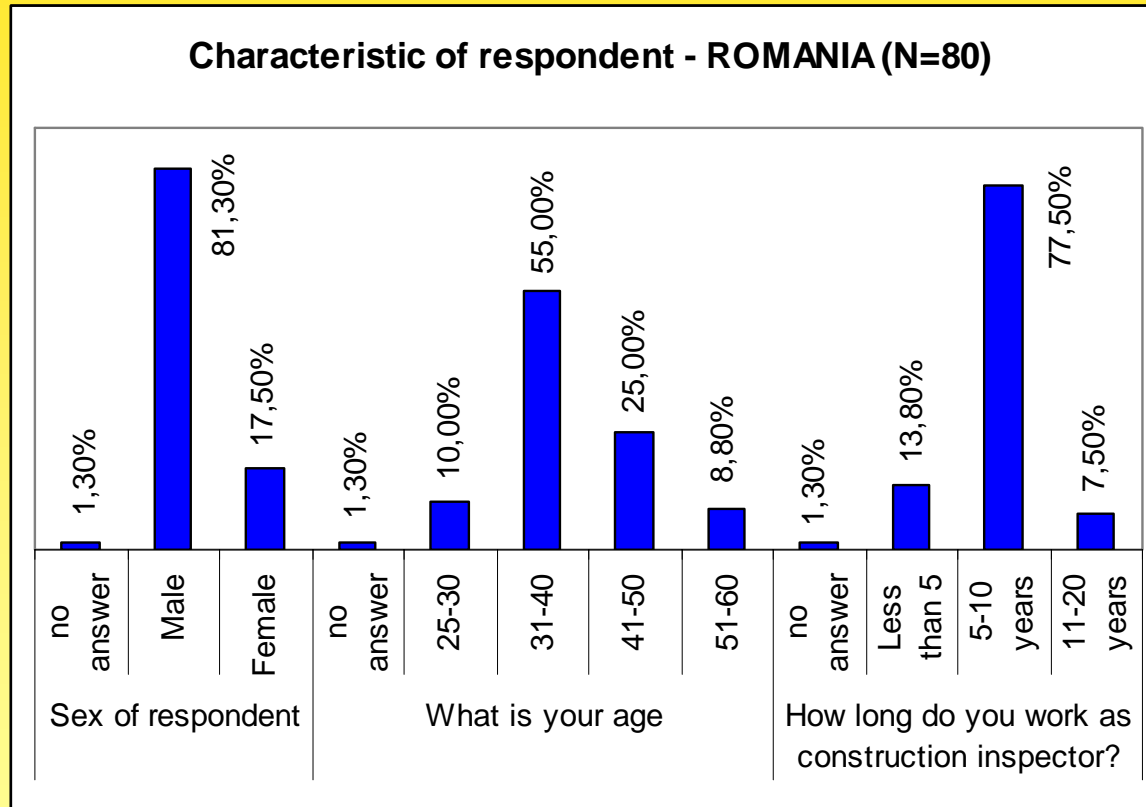
Introduction

- This report is addressing ***construction inspector job*** continuous vocational training needs and European qualification recognition, being the result of a survey realized by members of Dunarea de Jos University of Galati in the Leonardo da Vinci program - *Analysis and Comparative Study on construction inspection job performance regulations. European comparative study “KNOWLEDGE”* in 2005.

Methodology description

- **The survey was conducted in April-June 2005 (interviews were carried out between 15th April and 15th June) in Romania, using computer-aided (e-mail) and face to face interviews.**
- **The population for the study was persons working as construction inspectors in Romania construction sector, aged 25 and over, speaking the respective national language. 80 interviews were successfully completed.**
- **The average interview length per respondent varied between 30 and 60 minutes.**

Characteristic of the Romanian respondents

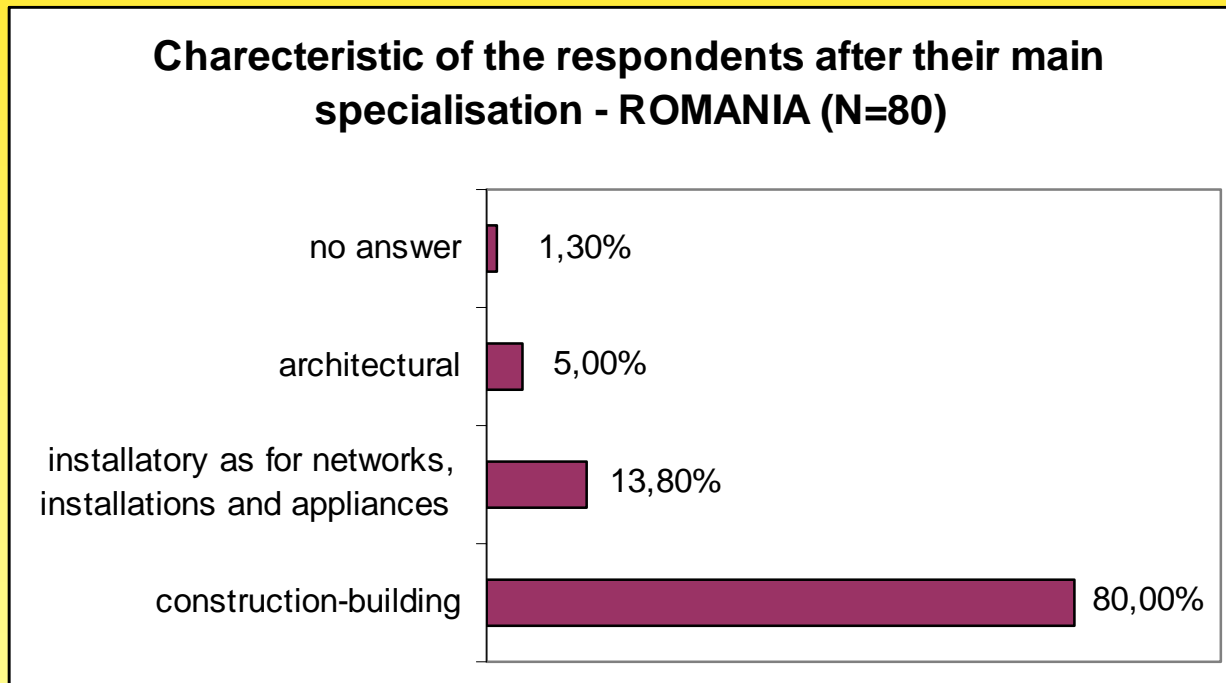


Characteristic of the Romanian respondents

Bases: Romania, construction inspectors - all respondents (N=80),

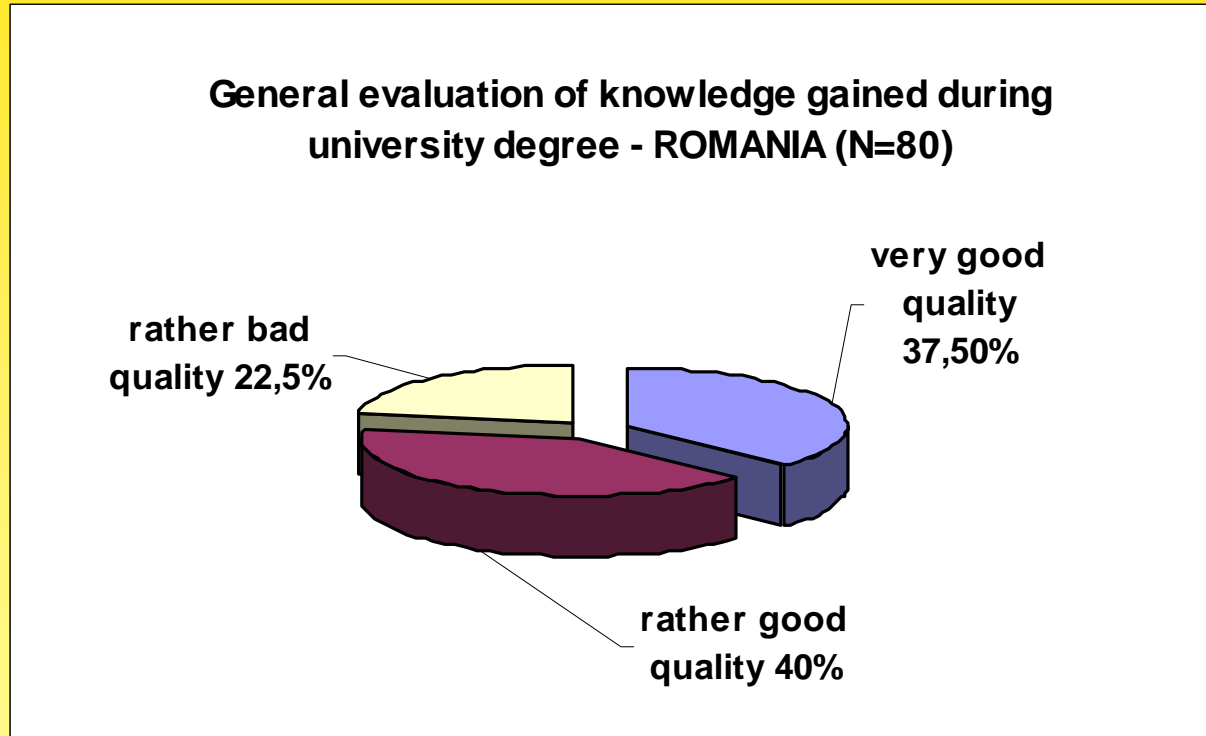
Questions: F 1, 2, 3 (a)

Characteristic of the Romanian respondents



Characteristic of the Romanian respondents after their main specialization
Bases: Romania, construction inspectors - all respondents (N=80)
Question: F 4 (a)

Vocational self-improving

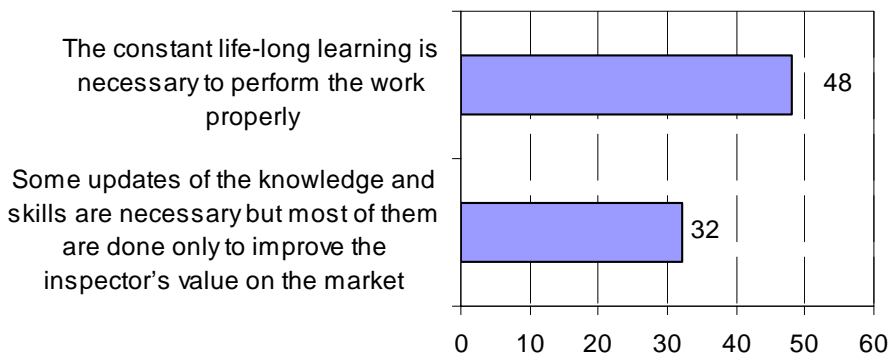


General evaluation of knowledge

Bases: Romania, construction inspectors - all respondents (N=80),

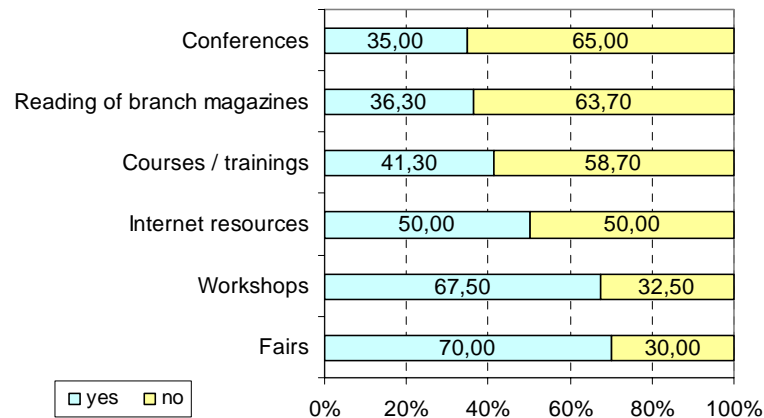
Question: A 1 (a)

Interviewees attitude toward improving vocational skills - ROMANIA (N=80)

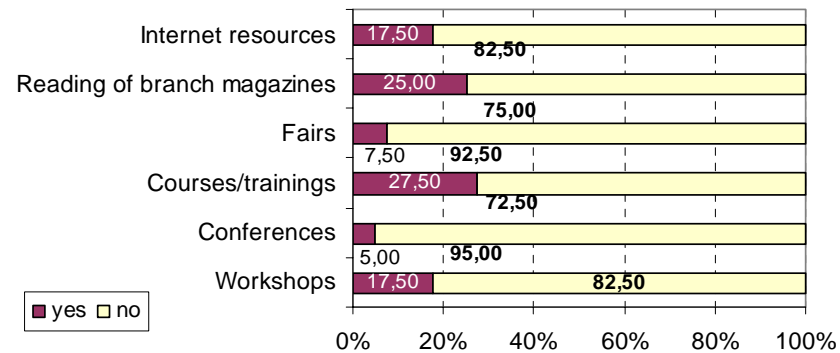


Interviewees attitudes

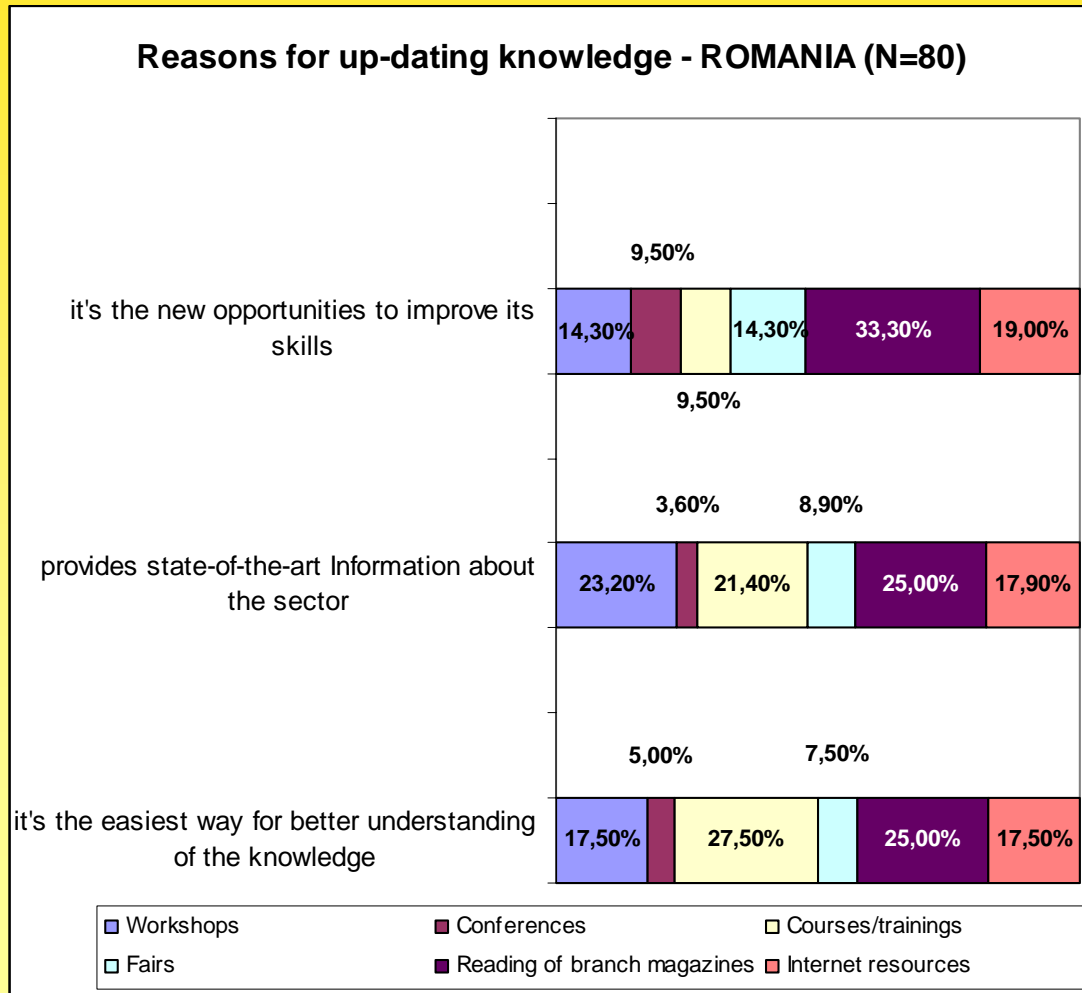
Have you ever taken part in following forms of improving your vocational skills? - ROMANIA (N=80)



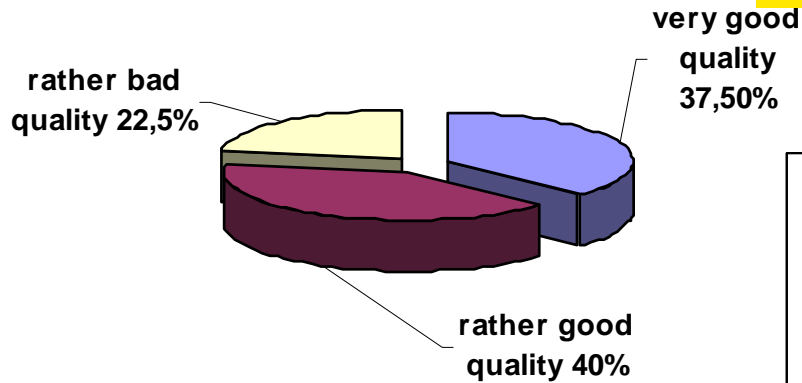
Which form do You find the most efficient for improving vocational skills? - ROMANIA (N=80)



Reasons for up-dating Knowledge

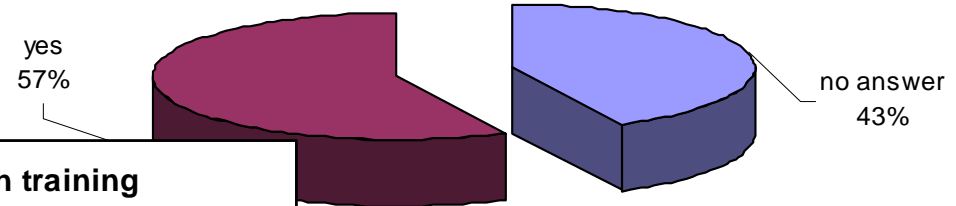


General evaluation of knowledge gained during university degree - ROMANIA (N=80)

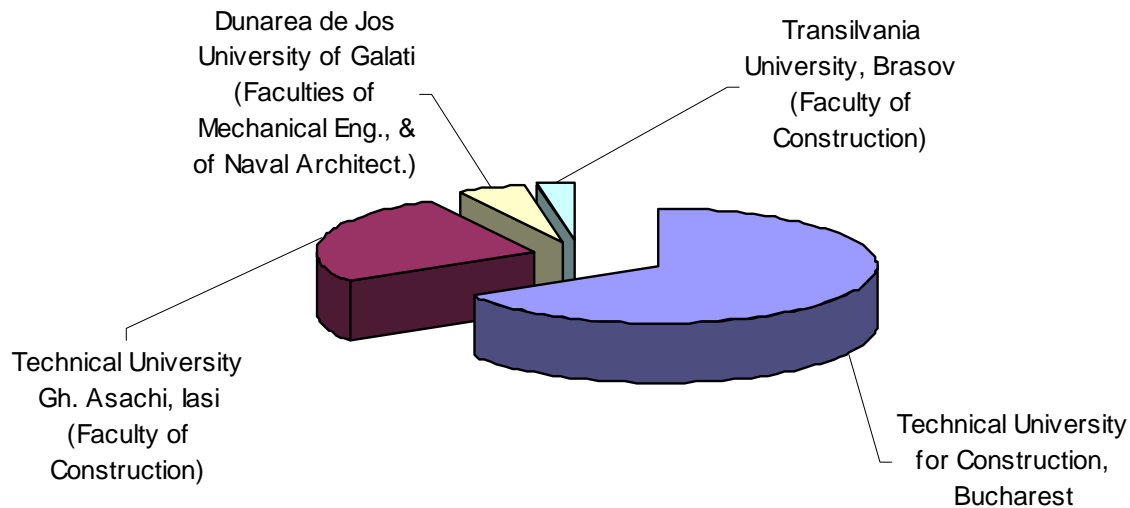


Training institutions & post-graduate courses

Do you know any training institutions dealing with courses for construction sector? - ROMANIA (N=80)



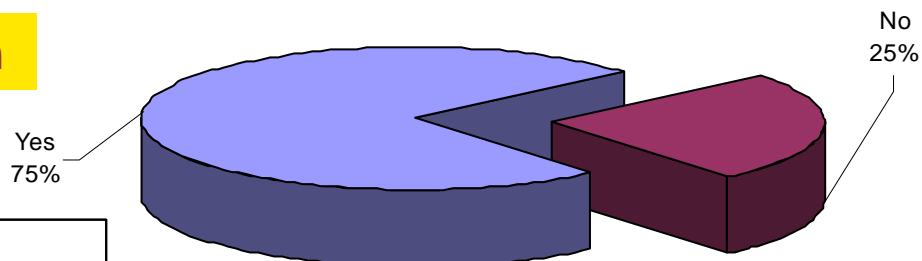
Can you name any training institutions dealing with training courses for construction sector? - ROMANIA (N=80)



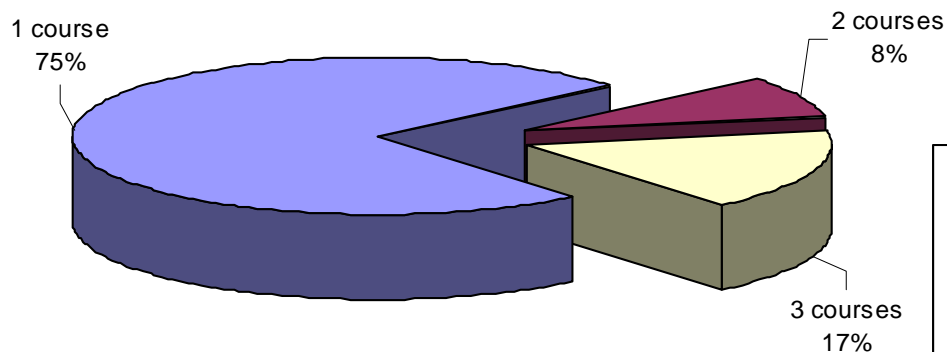
Evaluation of courses/ training

Construction inspectors' evaluation

Have you ever taken part in a course/ training for construction engineers improving your vocational skills? - ROMANIA (N=80)



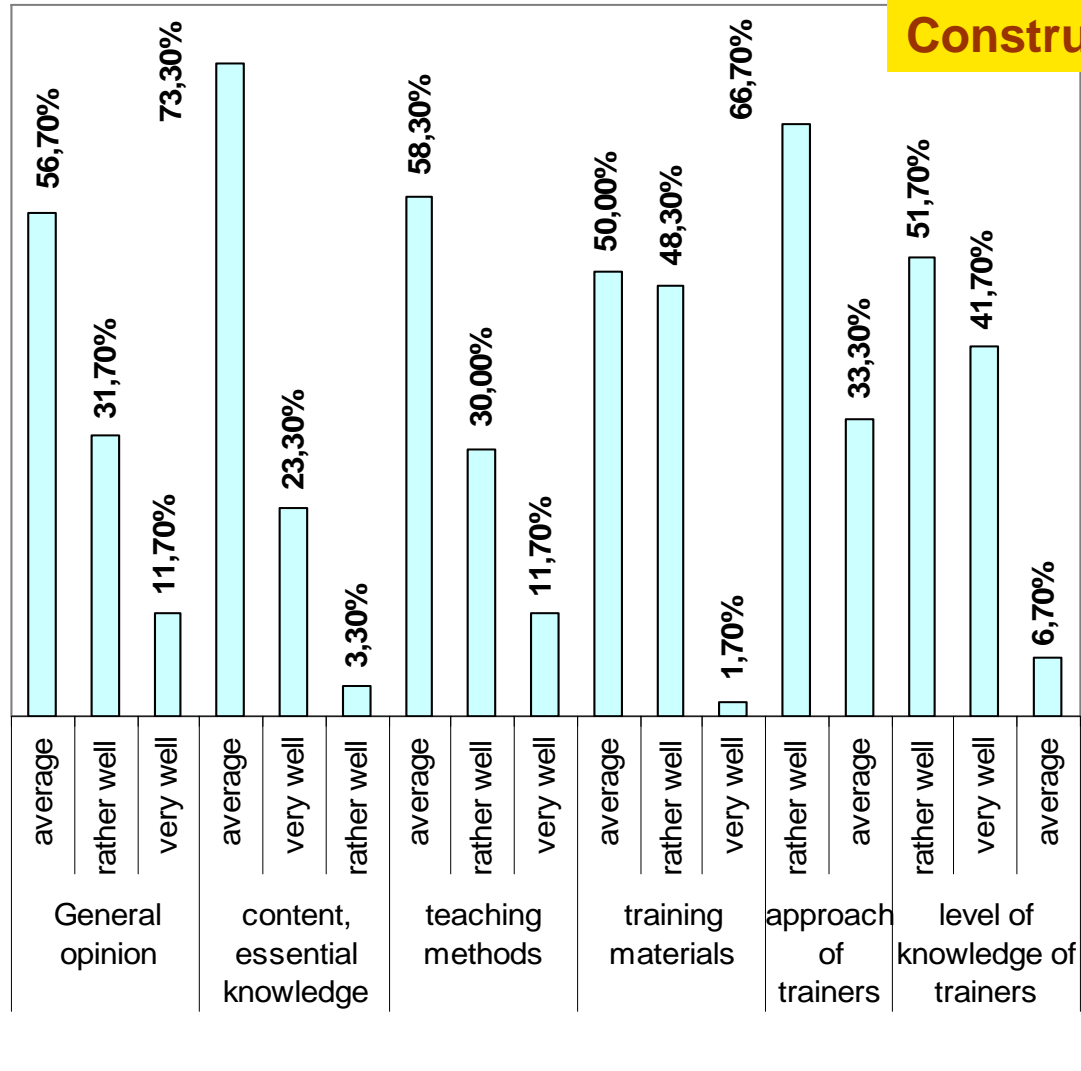
In how many improving courses/trainings have you participated during the last 2 years (2004, 2005)? Please give the number: - ROMANIA (N=80)



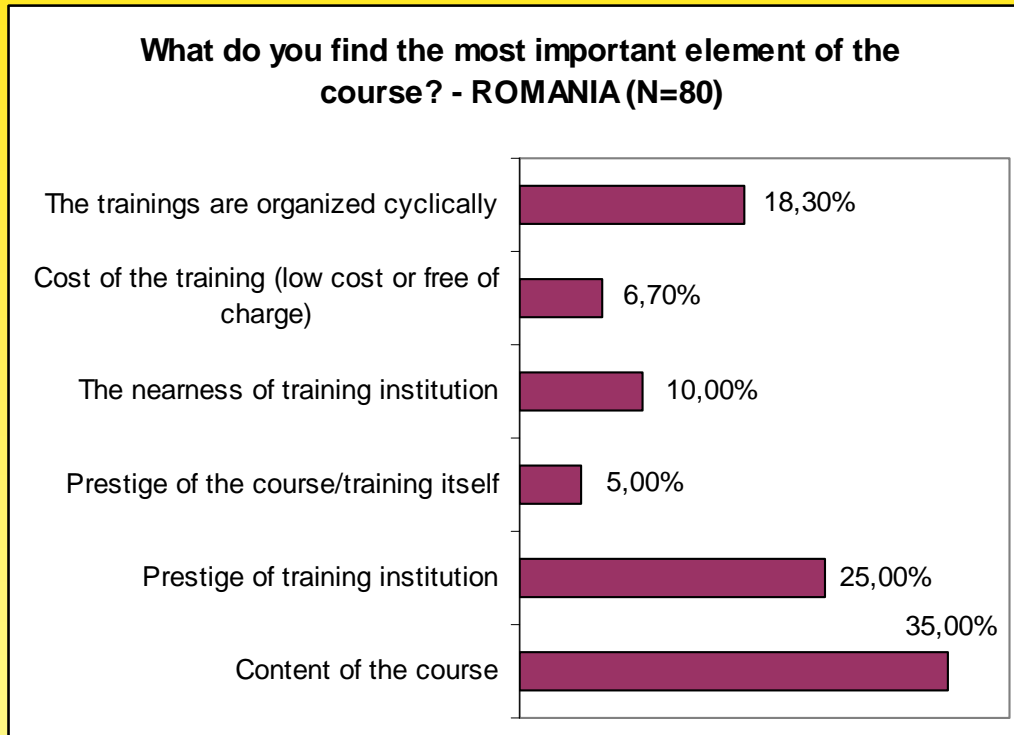
Motives for courses participation - ROMANIA (N=80)



General opinion about the course attended - ROMANIA (N=80)



Evaluation of courses/ training

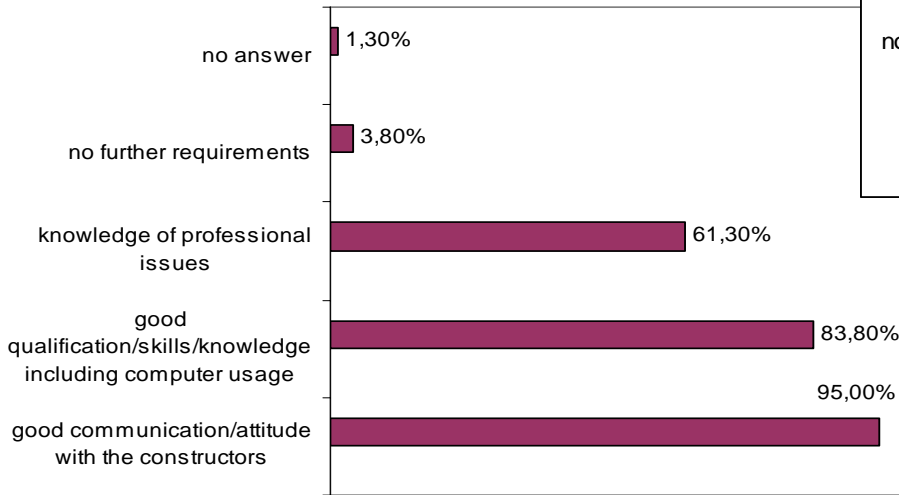


Construction inspectors' evaluation

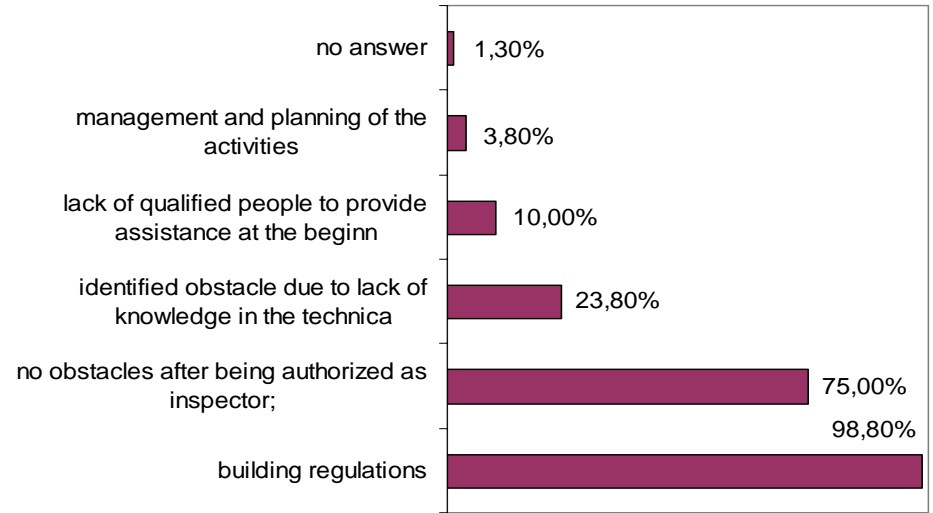
Requirements

Requirements in construction inspectors' eyes

Perfect construction inspector definition - ROMANIA (N=80)

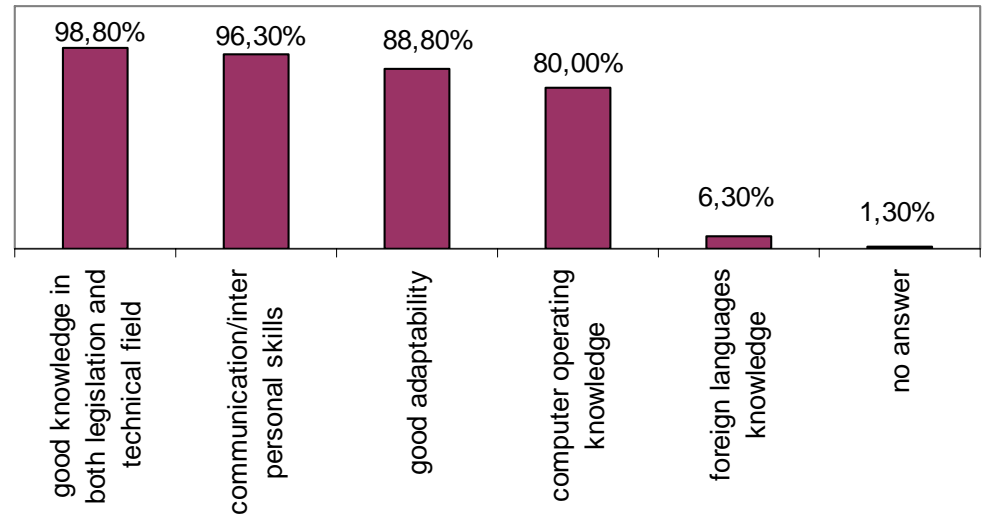


Construction inspectors first issues after being authorized - ROMANIA (N=80)

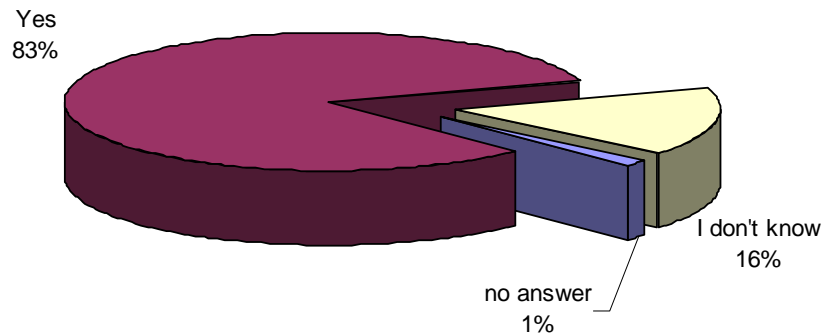


Requirements

Main investor's requirements towards inspectors - ROMANIA (N=80)



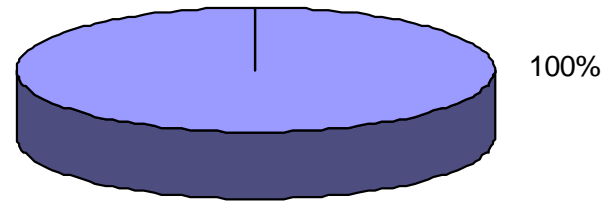
Do the education and/or trainings you participated in suit the requirements of investors/construction manager? - ROMANIA (N=80)



Requirements of investors

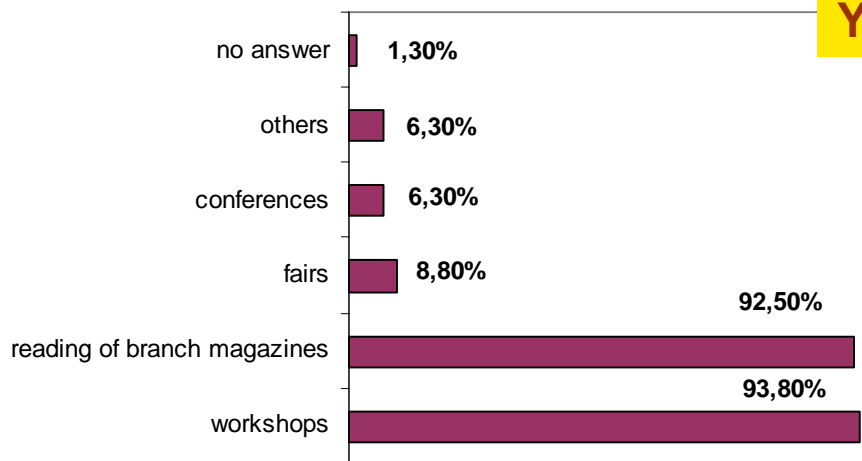
Training needs of construction inspectors

Are you going to take part in any courses/trainings addressing the needs for improving the skills of construction inspector during the next two years? - ROMANIA (N=80)

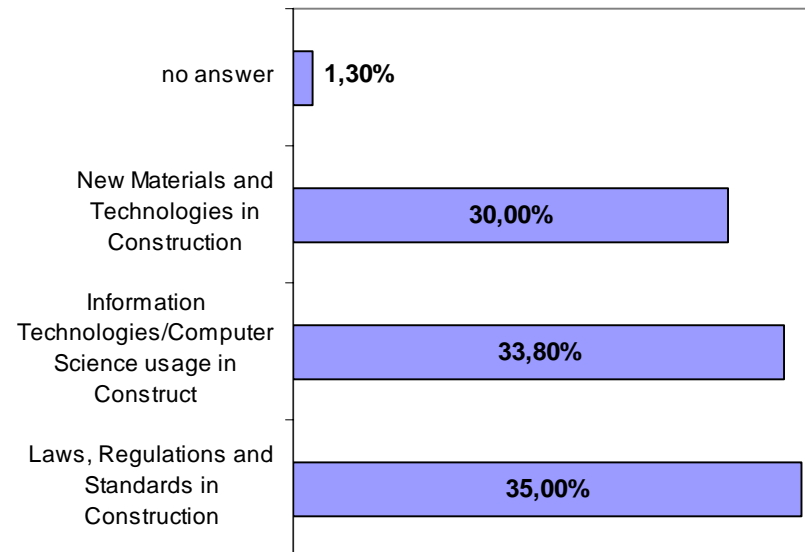


YES, IT'S COMPULSORY NOW

Future planned training - ROMANIA (N=80)

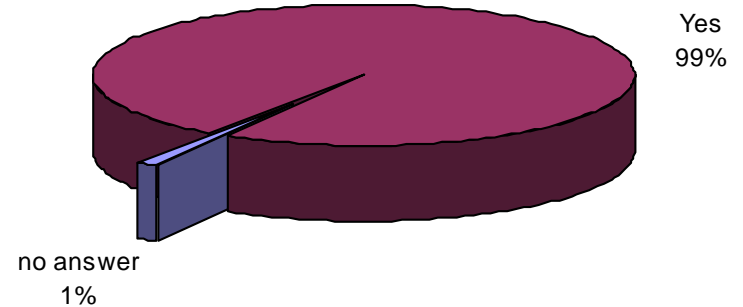


Most interesting courses for construction inspectors - ROMANIA (N=80)

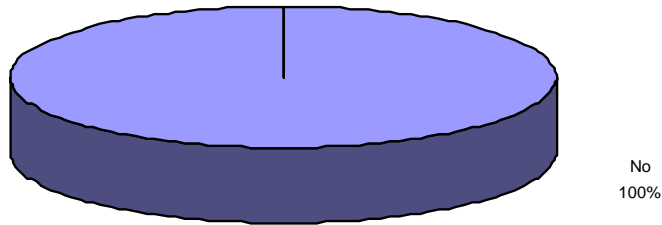


International certification

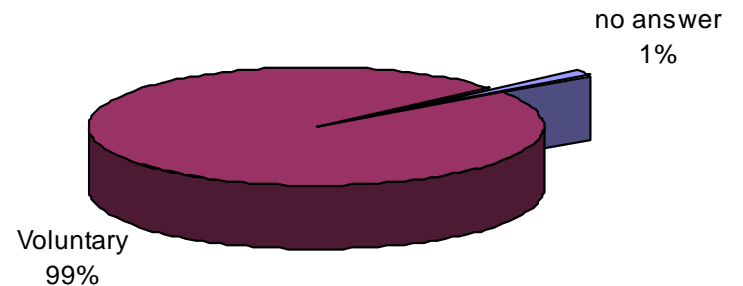
Have you ever heard of a European certification or a certificate recognition system of any kind for construction inspectors in other European countries? - ROMANIA (N=80)



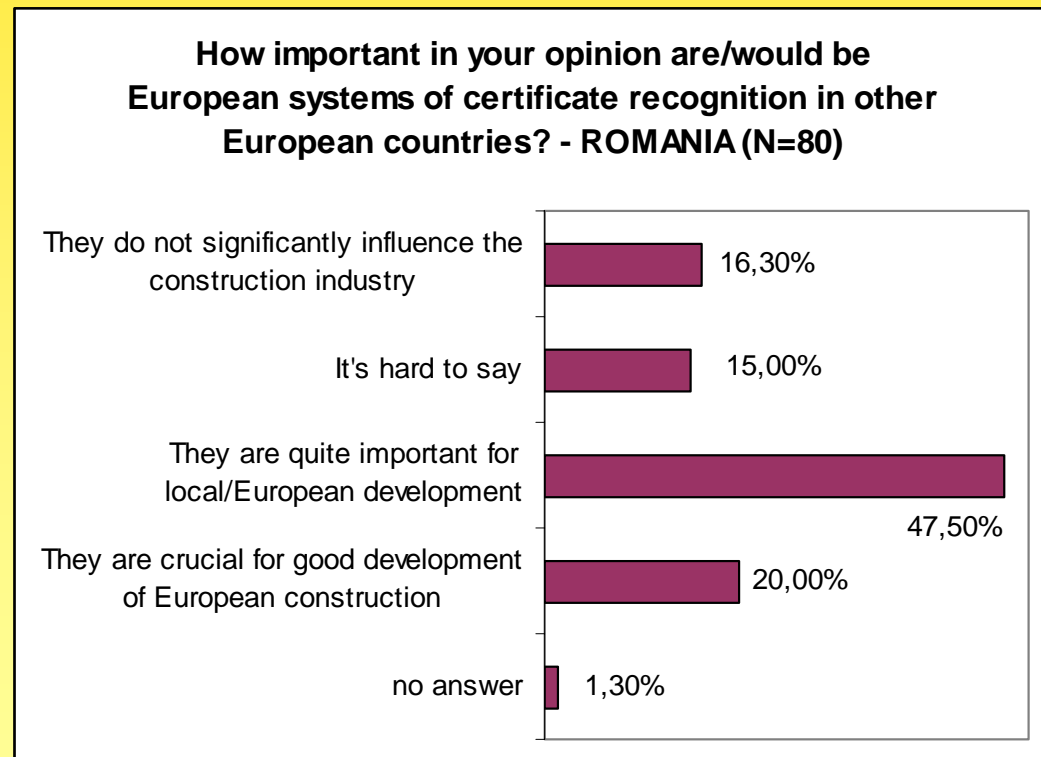
Do you have any kind of European certification (a certificate recognised in other European countries) for construction inspectors? - ROMANIA (N=80)



Do you think that European certification should be: - ROMANIA (N=80)



International certification



Concluding remarks

The Romanian respondents' general opinion on the knowledge gained during the university graduation in terms of quality is quite good, 77.5% of the people marking “very good” or “rather good”. 22.5% being un-satisfied. Some changes regarding the trained base knowledge must be done; *New teaching methods including multimedia techniques must be introduced as training methods.*

The respondents' opinion is that *the easiest way of understanding the knowledge*; is the classical way of courses/trainings participation (27.5%), followed by the reading of branches magazines (25%) or Internet usage and workshop participation (17.5%).

Concluding remarks

Although a specialized training program for construction inspectors doesn't exist in Romania, organized training organized at post-university does exist, targeting the following directions: Laws, Regulations and Standards in Construction, Total Quality Management; Quality Assurance in Construction, New Materials and Technologies and Information Technologies/Computer Science usage.

From the Romanian respondents point of view, the perfect construction inspector should have: good communication/attitude with the constructors (95%), good qualification/skills/knowledge, including computer usage (83.8%) and the knowledge of the professional issues (61.3%).

Concluding remarks

The Romanian respondents are thinking that the European certification should be a voluntary one, due to the fact that this authorization can't have a significant influence at national level. But, the development of an European system of construction inspectors authorizations it seems to be crucial for future development of the European construction sector (4.5%) in terms of constructions quality assurance and safety; Of course some specific rules must co-exist, due to the countries natural factors of high-level risk as: floods, hail storms, drought, landslides, soil erosion etc.