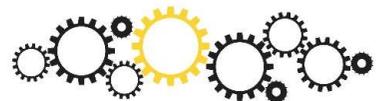


Risk Management



THE EQUIPMENT CHALLENGE

The experience of the UNIBO Department of Industrial Engineering in the RADIUM Project

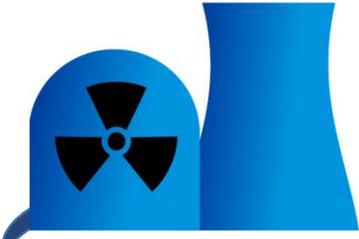


EU best practices-based education in Radiation Protection and Nuclear Safety Culture for the Belarusian Academia

6 Belarusian HEIs & 4 EU HEIs

Belarus's national energy policy

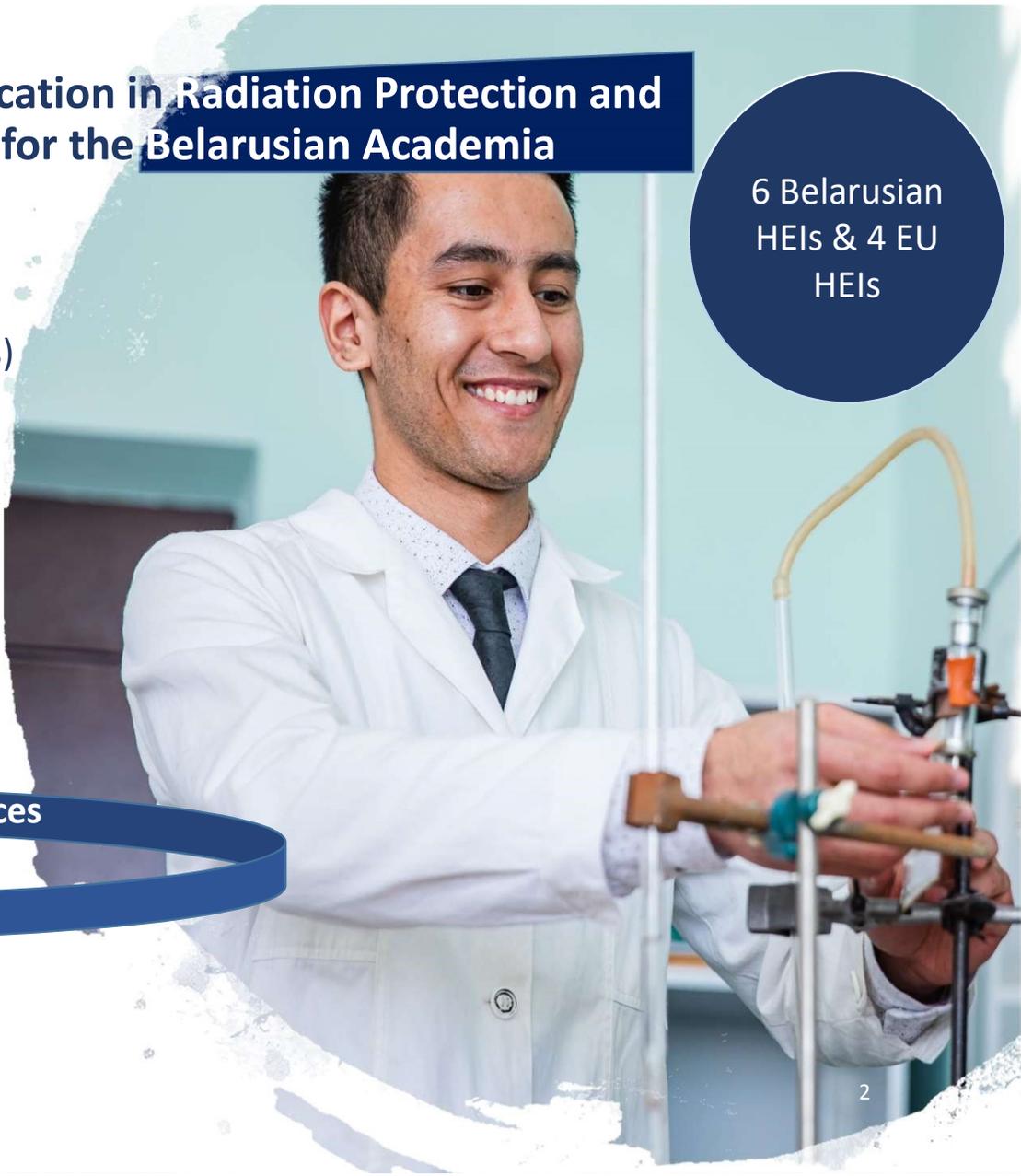
- reduce energy import dependence (85%, mainly oil and gas)
- modest natural resources



invest in nuclear energy by commissioning two nuclear generators for electricity production.

A nuclear power program requires careful planning, preparation and investment in time and human resources

HIGH STANDARDS OF EDUCATION AND TRAINING





AIM

Promotion of qualified education in Radiation Protection and Nuclear Safety Culture in the Republic of Belarus to ensure a safe use of nuclear power in Europe.

OBJECTIVES



Mapping the Belarus nuclear safety standards and labor market needs to develop a **Policy Paper** embedding EU best practices and international standards.



Training the academic staff of the six Belarusian partner universities in Nuclear Physics & Chemistry, Radiation Protection and Nuclear Safety Culture at EU partner Higher Education Institutions.



Designing and implementing, in cooperation with EU partners, a **Master Program** in line with International standards and Bologna system principles



Develop laboratories supporting education activities in the field of Radiation Protection & Nuclear Safety Culture.



EQUIPMENT CHALLENGES

1

HOW TO BUY

2

ONE OF THE ASSOCIATE PARTNER WAS A COMPANY WITH
ADVANTAGEOUS QUALITY-PRICE RATIO

GUIDING
PRINCIPLES

QUALITY
EFFICIENCY
TRANSPARENCY
ACCESS AND PARTICIPATION

BUDGET

270.000 € (45k each)



Erasmus+ guidelines for CBHE projects

It is not allowed to split the purchase of equipment into smaller contracts below the threshold.

The thresholds refers to the provider, not to the beneficiaries

EQUIPMENT CHALLENGES

Equipment should be instrumental to the objectives of the project and should therefore be purchased at the beginning of the project implementation period and not later than 12 months before the end of the project.

The equipment cannot be used for research purpose only.

Amount of equipment

Tasks to perform

Over
25.000 EUR

Tendering procedure

- **Three** quotes at least
- best value for money
- principles of transparency, equal treatment, avoidance of **conflicts of interests**

Over
134.000 EUR

Tendering procedure

- In conformity with national legislation

1

HOW TO BUY

6 Belarusian HEIs
Budget for equipment: 270.000 € (45k each)
General rules for procurement and Erasmus+ guidelines
(threshold and use)
National and institutional regulations

? QUIZ TIME

- A. I would opt for one centralized tender   Economy of scale, less bureaucracy but...
- B. I would opt for six separate tenders   Everyone organizes it independently, no internal compromise
- C. I would opt for one centralized tender and six separate tenders 
- D. I would opt for two or more contracts, per University, with different providers, although I buy the same kind of equipment 
 - 1. You cannot split the contract to avoid the tender.
 - 2. The other partners might buy from the same provider and...you fall under the tender obligations

1

HOW TO BUY



RADIUM CASE: ONE GENERAL TENDER AND SIX SEPARATE TENDERS

ONE CENTRALIZED TENDER ORGANIZED BY THE LOCAL COORDINATOR FOR THE COMMON/SIMILAR EQUIPMENT

SIX SEPARATE TENDERS FOR THE REST OF THE EQUIPMENT, DEPENDING ON THE LABORATORY ACTIVITIES THAT HEIS WILL CARRY OUT WITHIN THE NEW RADIUM MASTER

SET UP STANDARDIZED PROCEDURE AND GUIDELINES for all, applicable to centralised and separate tenders, adapted to institutional regulations, MEETING E+ AND PROCUREMENT GENERAL GUIDELINES



ONE OF THE ASSOCIATE PARTNER
WAS A COMPANY WITH
ADVANTAGEOUS QUALITY-PRICE
RATIO

2

6 Belarusian HEIs
Budget for equipment: 270.000 € (45k each)
General rules for procurement and Erasmus+ guidelines
(threshold and use)
National and institutional regulations

? QUIZ
TIME

- A. The associated partner is not a full partner: it has no budget and it could provide the equipment without complications, if its offer selected as the “best value for money” one ✗
- B. The associated partner is linked somehow to the consortium. In this case it is hard avoiding a breach of the “conflict of interest” principle, if its offer selected as the “best value for money” one ✓



2

ONE OF THE ASSOCIATE PARTNER WAS A COMPANY WITH
ADVANTAGEOUS QUALITY-PRICE RATIO



ASSOCIATE PARTNER WITHDRAWAL

COST-BENEFIT ANALYSIS

better out than in, for the associate partner
and the whole consortium.

ASSOCIATED PARTNER AGREEMENT
AND WITHDRAWAL LETTER FOR
EACEA (no amendment needed)



Before deciding...

- Assess your needs carefully
- Consider EU rules, Erasmus + guidelines, as well as your national and institutional framework
- Consult the procurement office of your institution



THANK YOU

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