



CORONA ACADEMY

VVER Education and Training Network – CORONA Academy

The CORONA Academy is created by group of 9 organisations from 7 European countries organised on the basis of mutual agreement.

The CORONA Academy was established as a result of two projects for creation of Regional Training Center for VVER competence co-funded by the European Commission.

The general objective of the first CORONA project was to provide the trainees with competencies in VVER area thus enhancing the safety of nuclear installations through further improvement of training capabilities preparing the complete set of training courses using Systematic Approach to Training methodology. CORONA II project aimed to extend the development of a state-of-the-art centralized regional training center for VVER competence to a virtual VVER training network providing the best training tailored to the training needs in different locations (called CORONA Academy).

Mission

Development and implementation of training programs in the field of nuclear technology for light water reactors of VVER type, including the provision of training services.

Participants

CORONA Academy is managed by partners from Belgium, Bulgaria, Czech Republic, Germany, Hungary, Russia and Spain. The partners have extensive experience in VVER technology and nuclear training. They are representatives of universities, research institutes, TSOs and nuclear plant operators.



Kozloduy NPP – Bulgaria (coordinator)



Institute for Nuclear Research and Nuclear Energy (INRNE) of the Bulgarian Academy of Sciences



Engineering Support and Intellectual Solutions (ESIS) – Germany



TECNATOM – Spain



Centrum výzkumu Řež (CV REZ) – Czech Republic



Moscow Engineering Physics Institute (MEPhI) - Russia



Risk Engineering (REL) – Bulgaria



Budapest University of Technology and Economics (BME) - Hungary



European Nuclear Education Network (ENEN)

Target audience

The target audience covers:

1. NPP personnel employed in management, maintenance, operations, technical support and safety control, nuclear professionals from research and engineering organizations, regulatory bodies, technical support organizations, decommissioning, RAW and SNF management, nuclear safety and radiation protection, training instructors
2. Non-nuclear specialists (mechanical, electrical, I&C, chemistry, etc.) performing nuclear activities and all suppliers and contractors involved in the field of nuclear safety and nuclear applications. The training will be useful for professionals working in support of nuclear facilities as civil engineers, physical protection employees, government employees, secondary school teachers, journalists, etc.
3. Nuclear power and non-nuclear power students.

Methodology

The development of the training courses used the Systematic Approach to Training methodology, proposed by the IAEA. Available modules depend on the target group and the training courses aim to give the competencies at EQF Level from 3 to 6. They are designed to cover different aspects needed for work in nuclear related areas. They support the emerging problem of lack of enough competent staff in nuclear industry and the need for nuclearization.

Supported training forms cover classroom and/or practical (laboratory or workshop) training. E-learning courses are provided using Moodle based platform CLP4NET (with the support of the IAEA). Special attention is paid to the training on safety culture and soft skills and train the trainers approach.

Courses are delivered in English or Russian depending on the request. Trainees receive a set of training materials, which consists of trainee's handbook, presentations and testing materials.

Courses are delivered preferably at the premises of the training provider clearly specified for each of the courses, due to the necessity of using specialized laboratories and installations, and possibilities for practical exercises.

Alternatively, courses can also be carried out at the customer's premises upon request.

Each trainee is provided with a certificate of completion.

What we offer you

A wide range of short- and long-term training courses

Courses providing significant improvement of your academic and professional qualification

Courses, which can be tailored to match your needs

Courses held by leading researchers and professionals in the subject matter

Five reasons to attend the course

1. The courses fully comply with IAEA standards and the Systematic Approach to Training Methodology and cover the most important topics related to VVER reactors evolution.
2. Companies are renowned with their vast experience in VVER technology and are leading service providers in the European nuclear power sector
3. The lecturers have versatile expertise ensuring first-class quality and full compliance with international standards and regulations of training
4. The trainees have unique opportunity to broaden their horizon and meet people interested in perspectives in nuclear reactor evolution from all countries operating VVER technology
5. The trainees can get access to suitable modern training tools and infrastructure for practical exercises

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