
The status and activities of EURATOM-Ukraine NCP

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History

After more than 15 years of preliminary work, consultations and specialized agreements the common Association Agreement between Ukraine and EURATOM on scientific and technological cooperation and association of Ukraine in the Program of research and training 2014-2018 and its possible extension to 2020 was signed on 27 June 2016.

This Agreement entered into force on 28 October 2016.

History

In the autumn of 2016, by the decision of the Ministry of Education and Science of Ukraine in the system of national contact points of the Horizon-2020 Program the National Contact Point EURATOM-Ukraine was established on the basis of the National Science Center “Kharkov Institute of Physics and Technology” (The head of NCP is Science Secretary of NSC KIPT Oleksandr Volobuyev).

Information about EURATOM-Ukraine NCP

Ministry of Science and Education

<http://mon.gov.ua/content/НОВИНИ/2016/09/19/nac.pdf>

<http://old.mon.gov.ua/ua/about-ministry/normative/7347->

European Commission

http://ec.europa.eu/research/participants/portal/desktop/en/support/national_contact_points.html#c,contact=country/sbg/Ukraine/0/1/0&function_details..function_abbr/sbg/Euratom/0/1/0&+person.last_name/desc

Basis

National Science Center “Kharkov Institute of Physics and Technology” is the largest scientific organization of Ukraine.

From 2004 the NSC KIPT in accordance with the Decree of Cabinet of Ministers of Ukraine works under management of the National Academy of Sciences of Ukraine and is the main organization in created Department of Nuclear Physics and Power Engineering of NAS of Ukraine.

Basis

NSC KIPT developed the State Program of research on nuclear and radiation technologies by 2010. More than 50 academic and industrial organizations participated in the implementation of the Program.

The largest number of projects of the Program was carried out by the NSC KIPT, Institute for Nuclear Research, Institute of Environmental Geochemistry, International Scientific and Technical Center «Shelter» and others. It received a number of important results of practical importance for scientific support for nuclear power. In general, the implementation of the program gave a significant boost to research in nuclear physics and Power Engineering.

Basis

In addition, the implementation of the program made it possible to identify the most active organizations in the country's scientific and technological infrastructure.

Together with other institutes of the Department of Nuclear Physics and Power Engineering, we have gained considerable experience in coordinating the implementation of projects.

Activities

In 2011 NSC KIPT was registered in FP7 and later in Horizon-2020, got Participant Identification Code and defines Legal Entity Appointed Representative.

Several representatives and experts of EURATOM visited Ukraine and NSC KIPT:

9 September 2015 – A.Zurita, A.Donne, F.Marien

17 May 2016 – H.Zatlkajova

1 March 2017 – Marta Serrano Garcia

Discussions and familiarization with existing infrastructure were held.

To effectively participate in the Euratom Program, it is necessary to draw on the experience of our experts.

Activities

EURATOM Fission

For today we are the members of technological platforms:

- **The Sustainable Nuclear Energy Technology Platform (SNETP) –**
www.snetp.eu

**Prof. Victor Voyevodin, Director, Institute of Solid
State Physics, Material Science and Technologies of NSC KIPT**

- **The Implementing Geological Disposal Technology of Radioactive
Waste Platform (IGDTP) – www.igdtp.eu**

**Sci. Dr. Sergej Sayenko, chief of the Department,
ISSPMST of NSC KIPT**

**Borys Zlobenko, Institute of Environmental
Geochemistry**

Activities

EURATOM Fusion

Prof. Igor Garkusha (Director, Institute of Plasma Physics of NSC KIPT) leads this direction.

For today they took all steps to join the European Commission Grant.

Activities

Now specialists of NSC KIPT as beneficiaries take part in fulfillment the EURATOM project ESSANUF (European Supply of SAfe NUclear Fuel).

The overall aim of the project is to create greater security of energy supply and contribute to the security of supply of nuclear fuel for Russian designed pressurized water reactors (WWER) by diversification of fuel sources and in full compliance with nuclear safety standards.

Activities

From February 2017 with the help and advice of our colleagues from Poland, we began to participate in the preparation of today's event.