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Join the discussion on Low Carbon Energy Awareness for the Climate during New York Climate Week

In the framework of the Climate week currently taking place in New York, the International Youth Nuclear Congress (IYNC) and the Nuclear Energy Institute (NEI) will hold **on 24 September an online Twitter chat** to discuss what energy technologies are currently available to reach the goal of 80% carbon-free energy production worldwide.

Join the discussion by sending your questions using the hashtag: **#LowCarbEnergy**

Young experts in the energy sector who are concerned about climate change from all around the world will be available to answer your questions during **two sessions taking place from 10:00 am - 11:00 am and 6:00 pm - 7:00 pm EST** (4:00 pm to 5:00 pm and 12 am to 1 am CET).

In its fifth assessment report, the Intergovernmental Panel on Climate Change (IPCC) has already confirmed that nuclear power is "*an effective greenhouse gas mitigation option*". The International Energy Agency's figures also show that nuclear power is the second-biggest source of low-carbon electricity worldwide after hydropower. The use of nuclear energy has avoided the release of 56Gt of CO₂ since 1971, equivalent to almost two years of global emissions at current rates.

Nuclear power is an integral part of the global energy system, producing 11% of global electricity. In the European Union, it accounts for 27% of total electricity production and 53% of carbon-free electricity⁸. In the USA, nuclear power produces almost 20% of the country's total electricity and 66% of its low-carbon electricity.

So: to what extent will nuclear continue to play a role in mitigating climate change? What are the different low-carbon technologies available to reduce CO₂ emissions? Join the debate and make your voice heard.

The International Youth Nuclear Congress (IYNC) is a global network of the new generation of professionals in the nuclear field. As a network of young people, the members of IYNC are dedicated to developing new technologies, designing solutions and solving problems in the nuclear energy industry for the welfare of humankind.
www.iyinc.org

Nuclear for Climate is an initiative of the French Nuclear Society (SFEN), the American Nuclear Society (ANS) and the European Nuclear Society (ENS), which is supported by FORATOM. It brings together over 50,000 scientists from all over the world represented by 40 regional, national and international associations. www.nuclearforclimate.org