

Supports to Secondary Education by Sending NST Experts to Schools and Developing Information Website "Ene-Hyakka"

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First step in securing and developing human resources in the nuclear field

JAERO sends Nuclear Science Technology (NST) experts to schools to provide learning opportunities about energy, nuclear power, and radiation in secondary education. The popular content is a combination of explanations and **practical training using equipment**, rather than just receiving explanations.

https://www.ene100.jp/delivery_class



hand-cranked generator



cloud chamber

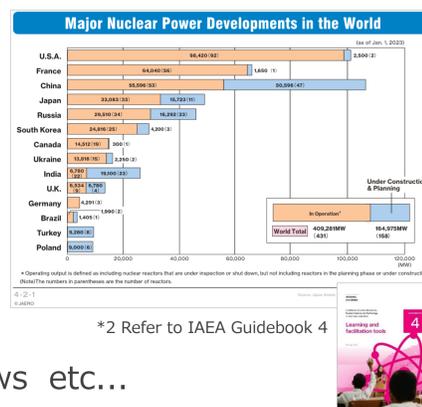
Website for interested students to obtain information on their own

Since students who receive lectures from experts become more interested in the content of the explanations, the website "Ene-Hyakka^{*1}" is introduced to the students who received the explanations so that they can **obtain information on their own**.

"Ene-Hyakka" contains a great deal of information that can be used to improve understanding of nuclear energy.

« Typical content »

- Graphical Flip-chart of Nuclear & Energy Related Topics^{*2}
- Nuclear power comprehensive pamphlet WEB version
- Nuclear disaster prevention content
- Explanation of energy information often heard on the news etc...

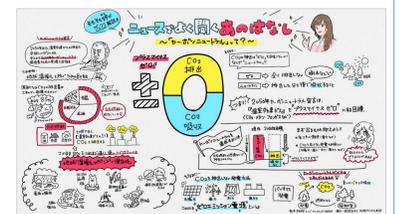


<https://www.ene100.jp>

*1 "Ene-Hyakka" means an encyclopedia about energy.



English



Support for high school students with high interest

The program also focuses on **supporting high school students with an interest in nuclear power, energy, and radiation**. In addition to providing advice and financial backup for high school students' research activities, the program offers reference information, organizes social events for high school students to interact with each other, and holds presentations of research results. <https://www.ene100.jp/themed-research>

« Theme for FY2022 » What do you think of Japan's energy society in 2050 ?

Nuclear power plant tour	Group work Impression of nuclear power ?	Thematic research activities	Results announcement & awards	3min. videos about energy	Group work How do I tell it ?
				<p>Original videos created by students</p> <p>Japanese</p>	

It is important to develop and secure human resources to ensure the safety of nuclear-related facilities and the continued use of nuclear energy. For this reason, it is necessary to **create an impetus for aspiring to work** in the nuclear and radiological fields.

As a first step, we believe that such steady efforts in secondary education, and the continuation of such efforts, will contribute to the **development of human resources and the securing of human resources**.

As JVET (Japanese Volunteer's Expert Team) , we are also providing support to Asian countries by applying this mechanism.