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NEWS HIGHLIGHTS

# Nuclear Energy

January - April 2024

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# Nuclear Trends in Early 2024

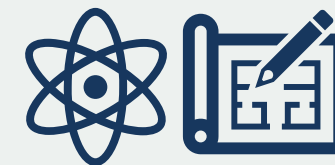


## Maintain the progress



Accelerate the **development of nuclear power plant** as part of the energy transition agenda and decarbonisation effort, as a follow-up to policy target in nuclear energy

## Strengthen research and resources

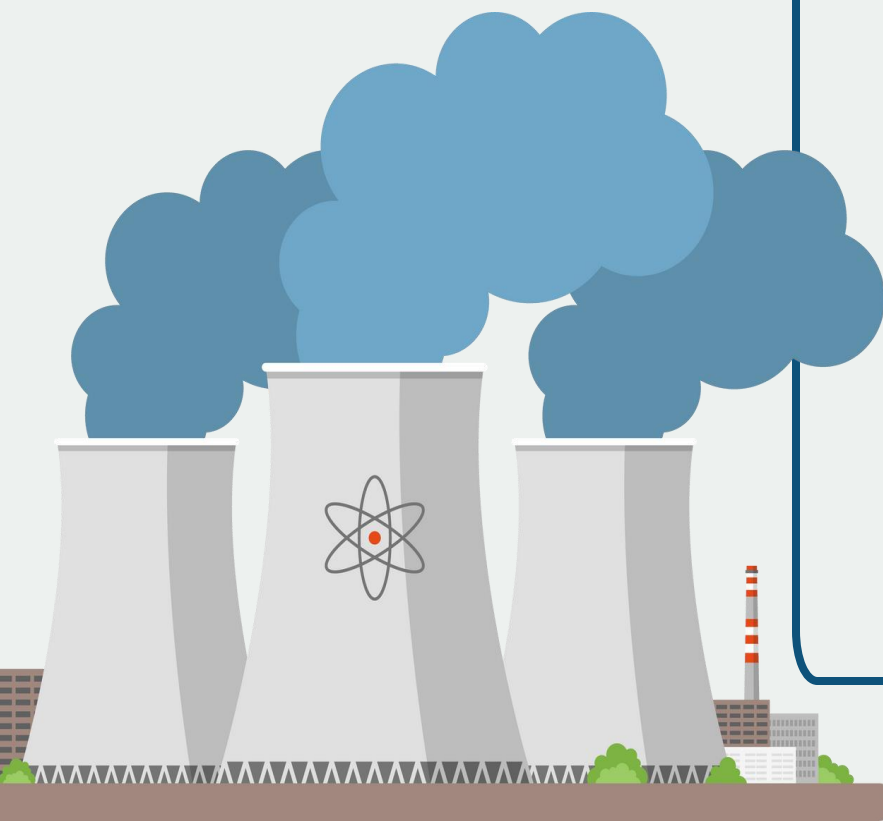


Efforts are underway to **better understand the technology and the implications of nuclear energy**, including increasing human resources capacity based on nuclear science

## Dealing with cooperation and public awareness



Advance nuclear energy cooperations and intensify risk assessment by concerning public opinion on the **safe use of nuclear technology**



# Review the Progress and Improve Research



Accelerate the **development of nuclear power plant** as part of the energy transition agenda and decarbonisation effort, as a follow-up to policy target in nuclear energy. Meanwhile, efforts are underway to better understand the technology and the implications of nuclear energy, including **increasing human resources capacity** based on nuclear science

## Maintain the progress



Indonesia expedited [the plan to implement nuclear energy](#) as a clean energy alternative to meet growing of energy demand

Indonesia made final preparation for the [formation of nuclear energy body](#) (NEPIO) to regulate the utilisation of nuclear power in the coming years



Due to limited option on renewable energy, **Singapore** reviewed the use of nuclear energy as part of [safeguarding the energy security](#)



Philippines announced plan for commercial [roll-out of nuclear technologies](#) by 2032 with target of 1,200 MW



Thailand and Philippines moved ahead the plan to [build small modular reactors](#) by promoting safety and scouting potential sites for the nuclear reactors

## Strengthen research and resources



Singapore considered new energy uses by studying the [possibility of nuclear energy](#) in terms of safety, reliability, and environmental sustainability

**Singapore** planned to build capabilities in deploying nuclear energy by pooling 100 [nuclear expert](#) in the medium to long run



**Indonesia** will activate the KST nuclear facility to [improve human resource](#) capability based on nuclear science and technology.




# Dealing with cooperation and public opinion




Advance nuclear energy cooperations and intensify risk assessment by concerning public opinion on the **safe use of nuclear technology**

## Cooperation and investment on nuclear

-  The **Philippines**' government shared the [progress of ongoing collaboration](#) with US firm since the meeting in 2023, including a follow-up assessment of the legal framework for the company's planned investment and operation in the country as a [commitment to delivering a reliable and clean energy source](#).



## Concerning public opinion on nuclear

-  [Public perception of safety](#) is one of the main issues challenging the development of nuclear power in **Indonesia**, where public acceptance of nuclear power as an energy option is crucial if it is to be adopted. On the other hand, [protest emerged from civil society](#) organisation to voice concerns about plan to build a nuclear power plant in the Borneo island, West Kalimantan, in terms of the threat of a nuclear radiation disaster.



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