



# Nuclear Future in Japan

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# Current Status of Fukushima

- **~130,000 local people** have been suffering as evacuees
- **Contaminated water** is being purified and stored in the storage tanks
- **Decommissioning** of damaged reactors has been deployed based on mid. & long term road map
- **Decontamination** of the surrounded environment is in progress

# Current Status of NPP in Japan

- **All the NPPs (48plants, 44Gw) have been shut down since Sept. 2013**
- **18 plants out of 48 plants are in the process of safety assessment by the regulatory body (NRA) based on the new regulation**
- **Restart of NPPs is expected later this year, but it is not clear when and how many units will restart**



# New Energy Policy of Japan

## The 4<sup>th</sup> Strategic Energy Plan of Japan (Apr. 11, 2014)

- Basic view point of energy policies : **3E+S** with global viewpoint and national economic growth
  - 3E** ( Energy security, Economic efficiency, Environment)
  - S** (Safety)
- Building a **multi-layered, diversified and flexible** energy demand-supply structure
- **Nuclear power** is an **important base-load power source** and a low carbon and quasi-domestic energy source, contributing to stability of energy demand- supply structure

# Nuclear Policy in Japan

- **Dependency on nuclear power generation** will be lowered to the extent possible by energy saving and introducing renewable energy as well as improving the efficiency of thermal power generation
- **Volume of electricity to be secured by nuclear power generation** will be carefully examined, taking Japan's energy constraints into consideration from the view point of stable energy supply, cost reduction, global warming and maintaining nuclear technologies and human resources
- **Energy mix** will be announced soon after this plan, taking into consideration factors including restart of nuclear power plants and expansion of renewable energies, and so on



# Japan's Role in the Global Nuclear Development

- share the **lessons learned** from the **Fukushima accident** and **enhance safety** of nuclear installations in the world
- promote **decommissioning of damaged reactors** of Fukushima in cooperation with international community
- support the nuclear development program of **newcomer countries**
- contribute to assure the international regime of **nuclear nonproliferation and security**
- take the lead in international **R&D program** of innovative nuclear technology

***Thank you for your attention!***

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