

# Expectation for fusion energy



Abundant fuel resources

- There is a lot of deuterium and lithium for fuel in the sea.



Safe energy

- Does not generate causative substances for global warming.
- The reaction can be stopped immediately



High energy generation rate

- Fusion can generate energy equivalent to 8 tons of oil in 1 gram.

# Strong power for the future

Promote advanced technology development

A fusion device is a collection of advanced technologies.

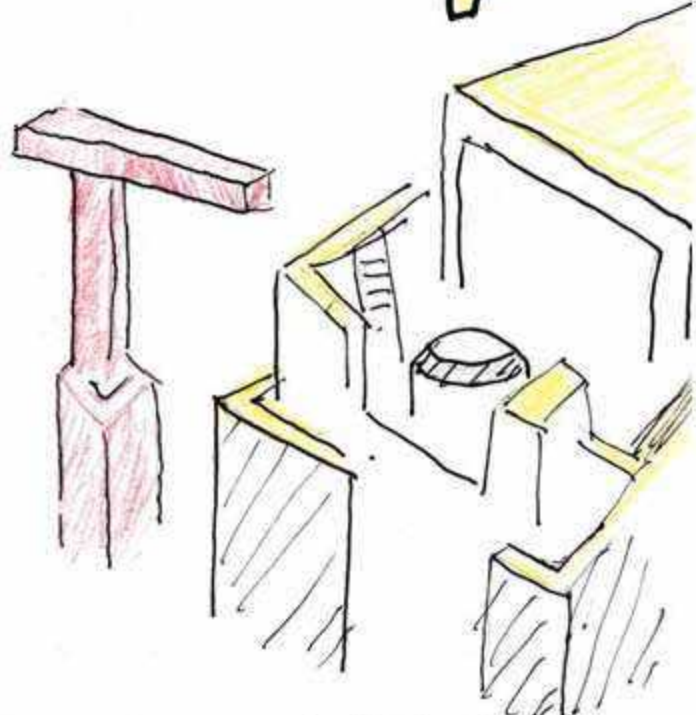
Future in the practical application of fusion energy, and make it useful for society

## Impressions

We summarized the ITER program

We must think about how we can get a non-depleting energy resource for humanity.

# Secret of fusion energy



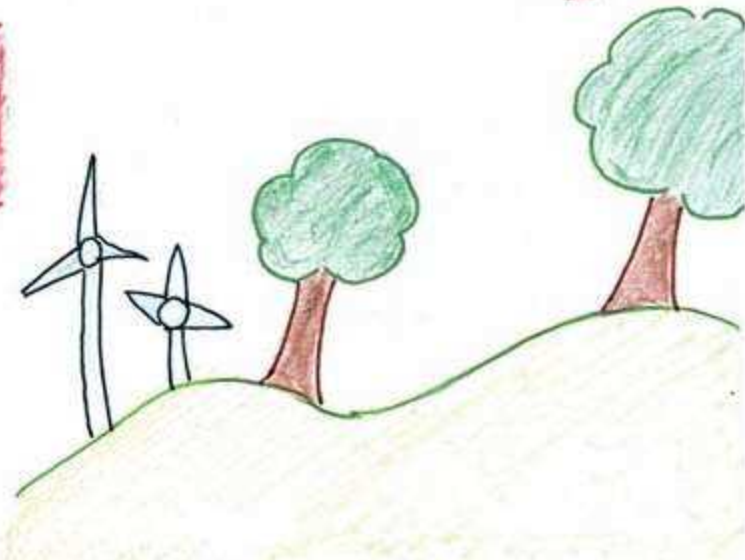
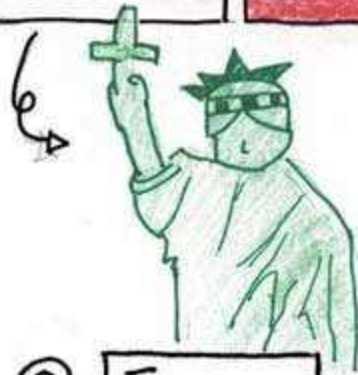
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2019 Hiroaki Aoki  
 2018 Shinya Tani  
 2017 Shota Hirayama  
 2016 Shota Tani

# 1 'ITER' plan [ITER's members]

< Burning of fusion energy >  
400 minute long nuclear fusion reaction.



## < What > 2

- A project to scientifically demonstrate the availability of fusion energy.
- "ITER" contains a wish for a way to commercialize fusion and a way to international cooperation

## 3 Future

If this plan is successful, the opportunity to not rely on fossil fuels and use fusion energy in various situations will come.

## Source

- 「A venture company that challenge fusion power generation」
- 「Quantum Science and Technology Research and Development Organization」