

# Recommended Moonshot Goals by the WGs

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## **WG1: Expanding human potential for a society where everyone can pursue their dreams**

By 2050, realization of a society in which human beings can be free from their limitations of body, brain, space, and time with harmonious empowerment.

## **WG2: Realizing a human life that “continues to improve both physically and psychologically” through complete understanding of biological functions**

By 2050, realization of ultra-early disease prediction and intervention based on the Whole Body Network Atlas for longer, fuller and happier lives.

## **WG3: Expanding frontiers through co-evolution of AI and robots**

By 2050, a robot can autonomously learn, adapt to the environment, evolve itself in intelligence and act with human beings.

## **WG4: Sustainable resources circulation for global environment**

Realization of sustainable resources circulation to recover the global environment by 2050.

## **WG5: Innovation for future agriculture –satisfying both food production and environmental conservation**

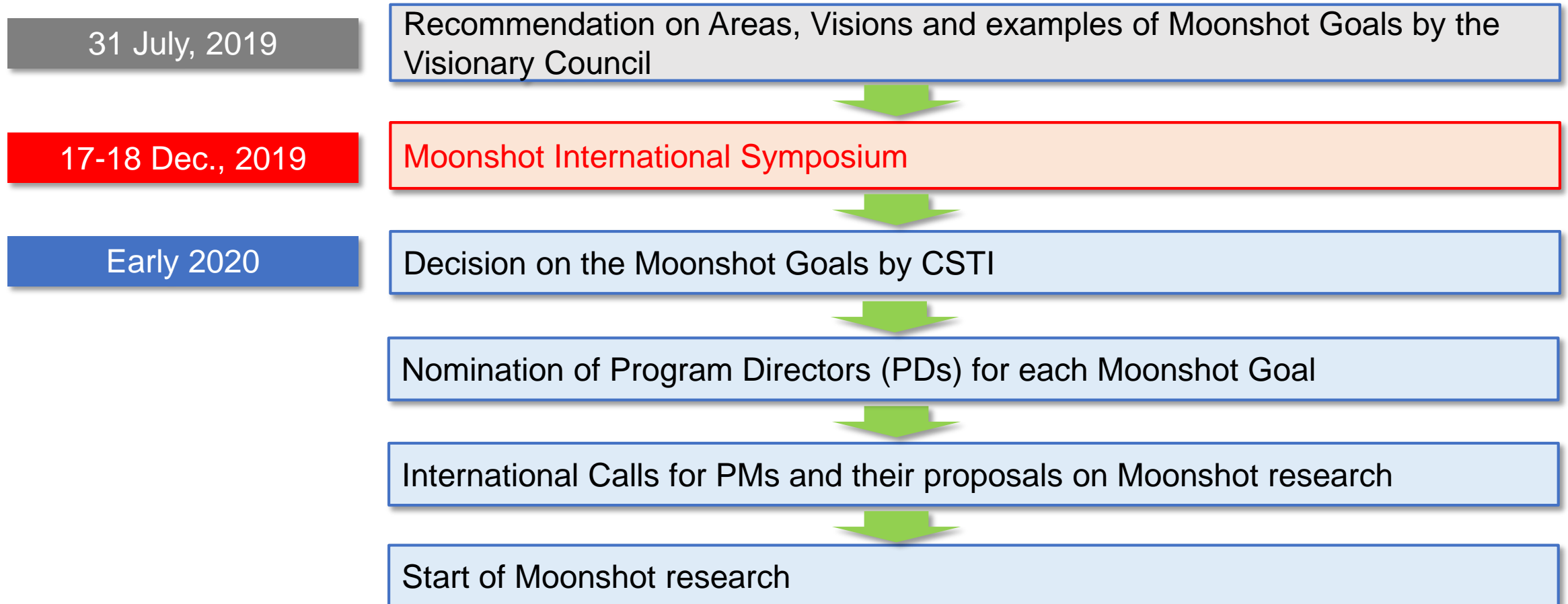
Creating a new food production system by 2050, which will enable both an "expansion of the amount of food supply" and "conservation of global environment".

## **WG6: Creating innovative non-traditional sciences and technologies based on quantum and related phenomena**

Realize a fault-tolerant universal quantum computer that will revolutionize economy, industry, and security by 2050.

- Taking into account of the outcomes of [the Moonshot International Symposium](#), CSTI will decide [the Moonshot Goals](#).
- **Funding Agencies will call for Project Managers (PMs)\*** and their proposals on Moonshot research from around the world.

*\* Any nationalities are welcome to be PMs, but PMs are principally based in Japan upon assignment.*



## Moonshot Management

- [Portfolio Approach](#)
- Integrity and Reciprocity for [International Collaboration](#)
- Full Initiative by [Program Director](#)
- Cross Sectional Discussion and [ELSI](#)
- [Advanced Research Data Management](#)

ELSI: Ethical, Legal and Social Implications

**This is a new year's dream for human being.**

**Moonshot for Human Well-being**