May 2023 Formulation
(Last update date: April 1, 2026)

# Realizing HU's Goals

Expanding functions of Hiroshima University



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## President 5 Initiatives for Peace Sciences
### -New Peace Science(Creating Peace for Safety and Security)-

Society

Carrying out the university's functions

Investment from society

**Use of management resources**

People/goods
Money/Information

- Funds
- Human networks
- Partnerships
- Others

Securing management resources

**External partner organizations**

- International organizations
- Overseas universities
- Municipalities
- Government agencies
- Industries etc.

Mutual cooperation

**1 Innovation and Economic Security through Formation of Semiconductor Ecosystem**

Semiconductors, New materials, Manufacturing technology, Biomedical and dental engineering, Advanced human resource development, Economic security

**2 Global Public Health Security through Vaccine and Drug Development, Regenerative Medicine and Cell Therapy**

Vaccine, Regenerative medicine, Cell therapy, Pharmaceuticals, Nucleic acid medicine, Novel coronavirus, GMP education, Advanced personnel training, Economic security

**3 Peace through Comprehensive Radiation Disaster Management**

Radiation disaster and medical science research, Development of radiation exposure medicine, Radiation exposure medical care system, Social safety, History of radiation exposure medicine

**4 Ocean and Maritime Governance and Sustainability through Asian Center of Excellence**

Oceans, Maritime affairs, Environment, Marine resources, SDGs, Blue carbon, Engineering, International law, Economic security

**5 Food Security through Livestock Industry Reforms to Improve Nutrition in the South**

Food security, Global environmental change, Smart agriculture, Next-generation green revolution, Environmental impact reduction, Renewable energy generation, Carbon neutrality, Development economics, Public policy studies

**Cooperation and Collaboration**

Further strengthening humanities and social sciences studies and building collaboration and cooperation in the field

Ethics
Behavioral Sciences
Security
Standardization

**Existing projects**

- International Institute for Sustainability with Knotted Chiral Meta Matter (WPI)
- Bio-DX Industry-Academia Co-Creation Center (COI-NEXT)
- Town & Gown Initiative
- Peace & Science Innovation Ecosystem
- The fund for uplifting Hiroshima University and energizing the local communities of Hiroshima (75+75th Anniversary Project)
- Hiroshima University Overseas Co-Creation Platform Plan (Indonesia Chapter)

To establish a world-class research and education base that implements 'Science for Sustainable Development'

To cultivate peace-pursuing individuals who carry an international mindset and rise to challenges

**Strengthening**

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| University reforms | Institutional reforms | ●Optimizing various internal systems that contribute to the expansion of the university's functions (personnel system, budget, public relations, international relations, etc.) | Strengthening cooperation within the university | ●Global campus that transcends the constraints of time and space<br>●Education and research organization, etc. (12 Schools, 4 Graduate Schools, 1 Research Institute, TGO, various centers, etc.), HU Hospital, Affiliated schools |