



GREEN GOALS
INITIATIVE
グリーン未来創造機構



Creating a path toward a sustainable, resilient future by solving environmental and societal issues such as risk reduction of natural disasters or fighting diseases

Green Technology

Social Innovation &
Inclusion

Recovery & Resilience



Green Goals Initiative: Priority Areas & Actions



Advanced Information Communication Systems Conserving Marine Resources Green Materials
 Plastic Smart Utilizing Biomass Smart Transportation Predicting Climate Change Green Infrastructure

Carbon Free Fuel

Prevention & Recovery of Environmental Pollution

Conserving Biodiversity

Energy Saving Semiconductors

Recycling Resources

Renewable Energy

Advanced Composite Materials

Advanced Innovative Batteries

Carbon Free Power

Hydrogen Production & Utilization

CO₂ Assimilation & Fixation

Carbon Neutral Smart Agriculture

Conservation of Water Resources & Environment ...



Green Goals



Disaster Science

Beat Infectious Diseases

Risk Communication

Next Generation Medicine

1F Nuclear

Resilient Infrastructure

Resilient ICT

Disaster Risk Reduction

Mental Care ...



Digital Communities

Creating Societal Value

Solving Societal Issues & Problems

Cultural Diversity

Revitalizing Regional Communities

Solidarity with Communities

Creating Cultural Value

Creating a Fair & Equal Society

Creating Regional Value ...



Tohoku University's Green Goals Initiative



At Tohoku University, we are committed to ensure the sustainability of our planet and focus our education, scientific knowledge as well as extensive networks of collaborations to create a Green Future and a carbon neutral environment on campus.

(Education)

- ◆ Providing knowledge and skills necessary to accomplish SDGs and create a Green Future throughout our courses to students and next generation of leaders

(Research)

- ◆ Developing green technology and advancing research with local and global institutes and companies for the realization of a Green Future

**Green
Technology**

**Recovery
& Resilience**

**Social
Innovation
&
Inclusion**

(Community Collaboration)

- ◆ Creating Zero Carbon Cities, starting in Sendai, through public-private collaboration and community co-creation, also assuring a disaster ready, resilient community.

(Zero Carbon Campus)

- ◆ Reducing greenhouse gas emissions from campuses by 50% in 2030 compared to 2013, and achieve zero emissions by 2040.