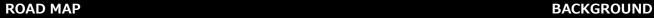


### SATREPS Project for Evaluation & Mitigation of Seismic Risk for Composite Masonry Buildings in Bhutan



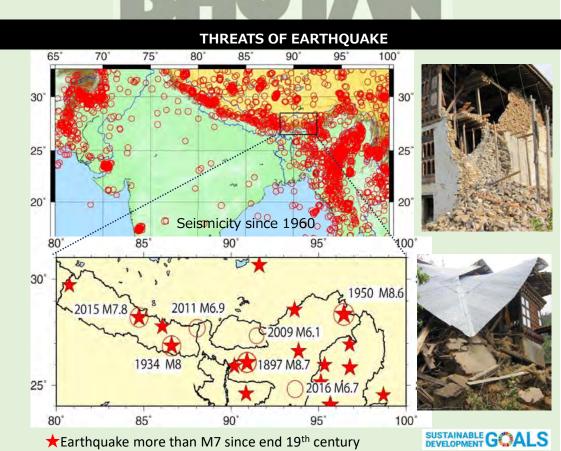




2027, shall achieve the overall goal to disseminate seismic technology for

disaster mitigation of the composite masonry buildings across the country.

It is said 66 % of Bhutanese households live in traditional houses in rural area. Large earthquakes hit rural area in 2009 and 2011, which destroyed traditional houses. It is a critical task for the Royal Government of Bhutan (RGoB) to guide people to improve the seismic resilience of traditional houses. To this end, in collaboration with the Government of Japan, the SATREPS Project has been developing building seismic resilience technology and monitoring earthquakes.



Earthquake damage to Bhutan





Watch Earthquake to Understand it

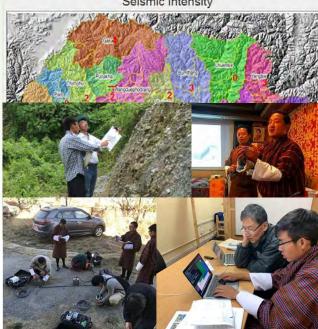
#### Make it Strong

#### Let People Know it

# Output 1 To evaluate seismic risks of composite masonry buildings



Seismic Intensity



## Output 2 To develop seismic technology for constructing & strengthening composite masonry buildings



Funded by





Output 3
To enhance the dissemination mechanism for the seismic technology



**Bhutan:** Department of Disaster Management, Department of Culture, Department of Geology and Mines, Department of Engineering Services

**Japan**: Nagoya City University, National Research Institute for Earth Science and Disaster Resilience, Kyoto University, Tohoku University, Kagawa University, Nihon University, Hiroshima University, Building Research Institute