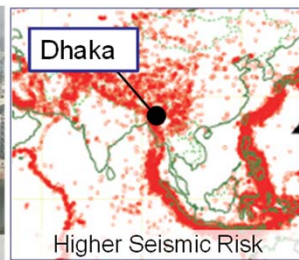


“Technical Development to Upgrade Structural Integrity of Buildings in Densely Populated Urban Areas and Its Strategic Implementation towards Resilient Cities in Bangladesh (TSUIB)”

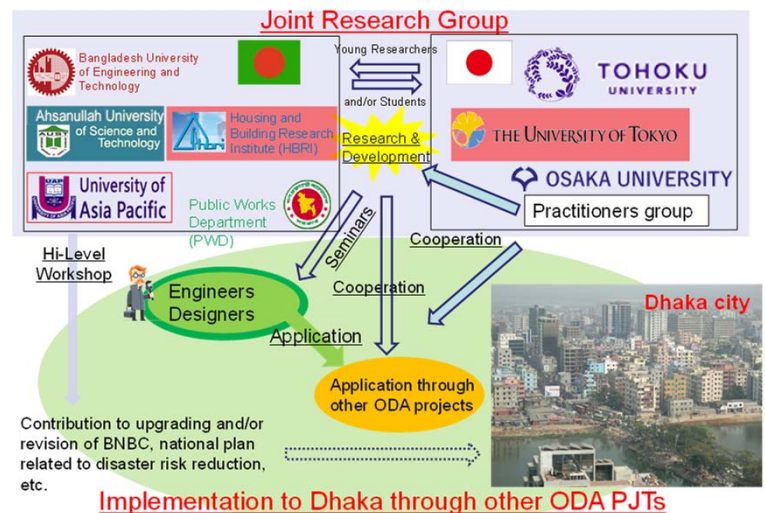
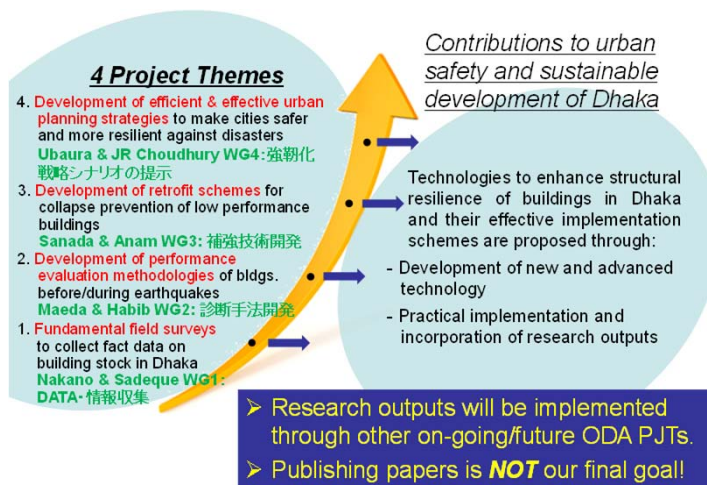
Background

- Bangladesh is in significant economic development and cities like Dhaka have been densely populated during the last decade.
- It is located in potentially seismic zone but more than 100 years have passed since the last damaging earthquake in Dhaka.
- Buildings before seismic design/retrofit are undoubtedly most vulnerable (as was demonstrated in Turkey, Taiwan, Pakistan, Indonesia, ... and Japan).



- Buildings are vulnerable enough to collapse before earthquakes
- However, general and effective retrofit schemes to overcome such shortcomings are not yet developed.
- How can we manage a huge number of building stocks?

Objective and Research Group



Recent Activities

