

# "EXPERIENCES AND RESULTS PARTICIPATORY WORKSHOP ON SEISMIC RISK REDUCTION OF THE STUDENT POPULATION IN LIMA, PERU"

## OBJECTIVES

In the framework of social sustainability, the results of the workshop, applied with a participative and interdisciplinary methodology, are presented. These results will allow the design of integral solutions to reduce the seismic risk among the most vulnerable students which are socially innovative in terms of social inclusion as a main objective.

## THE PROBLEM

The Peruvian coast has a very high seismic risk. From 1970 to 2009 earthquakes approximately caused a \$29 000 million in economic loss in Peru. On the other hand, the country is committed to improve education which is one of the pillars of development. As a consequence, public education is a main issue for several industries and organizations locally and internationally.

Recent studies have shown high seismic risk in the infrastructure of schools in Lima. The necessity to keep operations going in schools makes it difficult to make general interventions in short periods of time. So far different government institutions have implemented solutions to specific problems due to temporary states of emergency. However, these solutions have been designed in an isolated and unarticulated way. The government effort to mitigate seismic risk has not been enough due to the limited management capacity as well as the lack of suitable tangible and intangible resources.

