TACHIKAWA CITY HALL

Tachikawa city hall has two themes as “A City Hall as the base of citizen's autonomy” and “Ecological Architecture”. The design originated from the open two-phase competition. During the design process, proactive involvement of local citizens through numbers of workshops took place and this eventually won the name “Tachikawa method”, which is quite unique. At the night time as well as holidays, the western zone of the building is open to the public. In order to achieve low level and large surface structure, the floor plan of building is 3 stories and 1 basement and made up with pre-cast concrete. There are stage shaped terrace along side of the street facing the west. A base-isolating technology is implemented at the basement, and 4 pillars from the each floor are tied to form 1 iron post to create large surface area. Several openings and atrium allow people to work under the sunlight thus achieving reduction of burden to environment together with other measures including greening on the roof, canopy, and almost all the windows are allow to open. “Wind Tower” is attached on the top of atrium for natural ventilation but this served additional function to decrease internal temperature. Environmental friendly measures were introduced during construction as well as operational phase such as without using mold for the pre-cast concrete.