

# Urban Planning

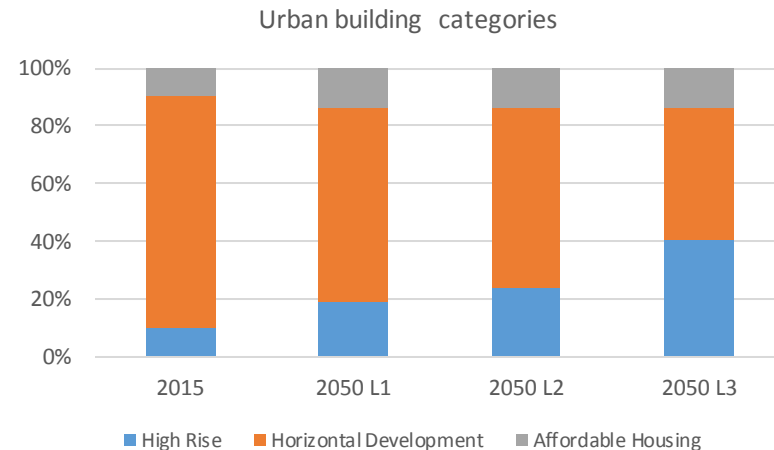
## Level 1

Level 1 assumes that high rise development reaches 19% and horizontal development increases to 67%.

## Level 2

Level 2 assumes that high rise development increases to 24% and horizontal development decreases to 62%.

Assam had 14% urbanization in 2011. From Year 2001 to Year 2011 the urban population increased by 28% from 3.4 million to 4.4 million while rural population increased by 15% during the same period from 23.2 million to 26.8 million. Further it is expected that urbanization in the state will reach 25% in next thirty to thirty five years. This increase in urbanization will increase demand for residential and commercial space in urban centers and periphery. The state government has also planned for development of Guwahati as a smart city which will increase demand efficiently. This lever analyses impact of user's choice on building sector energy demand. The user can pick how he/she expects the structure of cities to pan out in the years to come (Till 2050 – between high rise development, horizontal development and affordable housing). Affordable housing address the housing needs of lower Income group and economically weaker sections. Further, affordable housing does not come under High rise or horizontal development. The savings achieved depend on the chosen Urban Planning Scenario and the GDP growth.



## Level 3

Level 3 assumes that high rise development increases to 40% and horizontal development decreases to 46%. Affordable housing rises to 14%.