

# MASS TIMBER BUILDINGS

Mass timber construction has already started to revolutionize the building industry in British Columbia. Because it can be as strong and safe as other major building materials, and it grows naturally, global demand for mass timber products is on the rise.



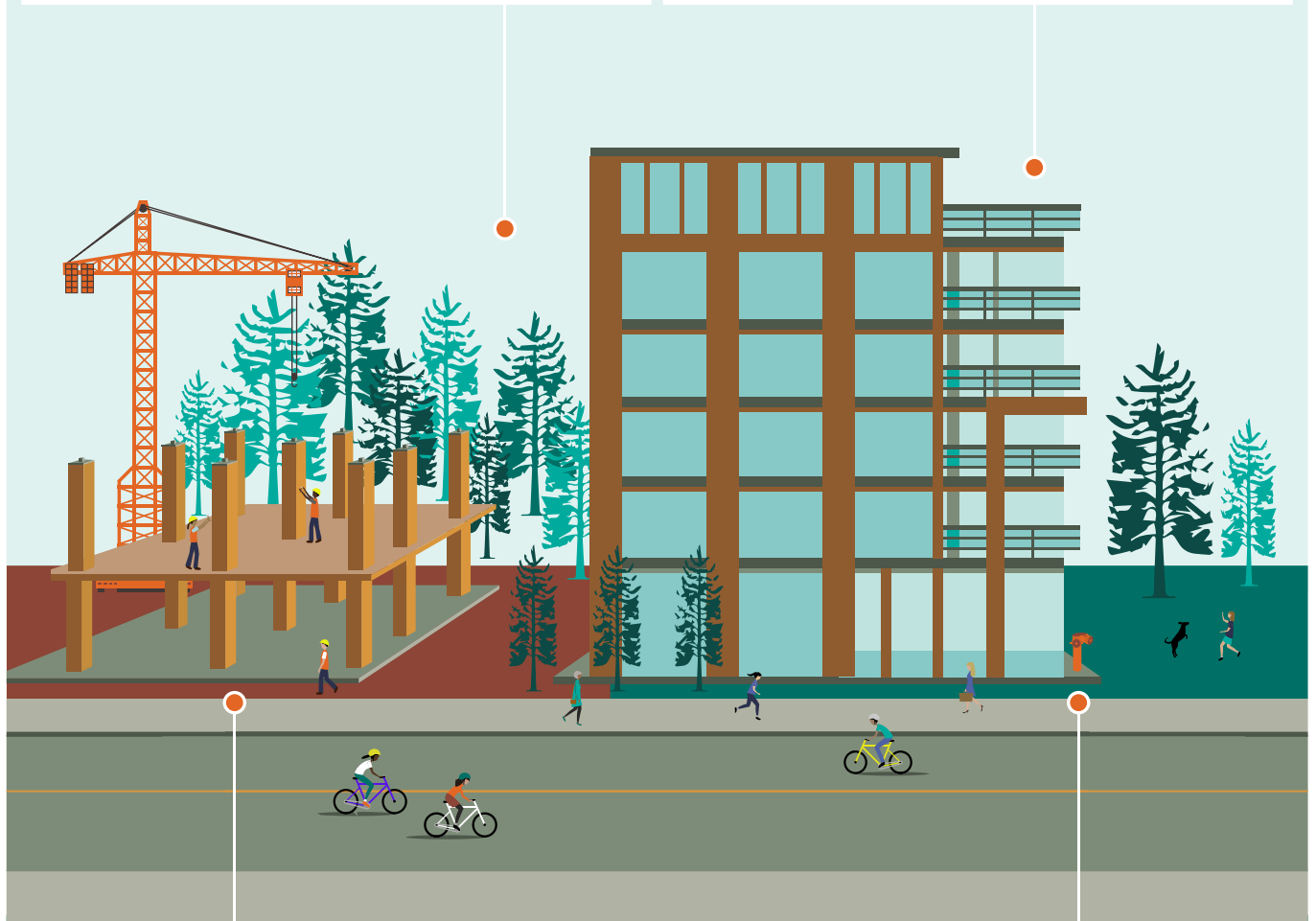
## SUSTAINABLE

Wood is the only major building material that grows naturally. Wood products have a lower impact on air and water pollution and have a lighter carbon footprint than other commonly used building materials.



## EARTHQUAKE SAFE

A mass timber structure can be one-fifth the weight of comparable concrete buildings. During an earthquake the building experiences lower seismic forces which leads to better performance.



## BUILDING BETTER

Building with mass timber is often faster and reduces noise around the site area. The lightweight nature of wood reduces foundation requirements and corresponding costs, allowing for prefabrication offsite that saves noise in the surrounding neighbourhood, installation time and money.



## FIRE PERFORMANCE

Mass timber buildings have strict fire safety measures in place both during and after construction. Encapsulation, sprinklers, natural charring and other considerations work in concert to achieve the same fire safety standards as non-combustible construction.