Research Aims:

The purpose of this research is to prepare an analysis for the City of Montreal, for urban intensification and rehabilitation. The initial stage of the research focuses on analyzing and mapping the existing urban poles in ten different boroughs surrounding the downtown core. Further studies will be done on demonstrating the nature of each pole, in terms of their density, and diversity. The output would be maps and models demonstrating the existing urban poles, and areas where there are opportunities for urban intensification; creating a series of new, diverse and well-connected poles: giving rise to a polycentric city of Montreal. The same procedure would be repeated to map the existing green space network, opportunities for its intensification and its relation to the aforementioned urban poles. Further the mapped nodes are overlapped with the transportation system, allowing the intensification to relate to the existing and potential transportation systems, in this case, Montreal’s Metro.