**Analysis of Bus Utilization in 8 Communes of La Rochelle**

The bus network in the 8 communes is serviced by three distinct lines: 17, 18, and 19. Each line operates with specific frequencies towards La Rochelle and their respective termini. Notably, Line 17 and Line 18 have 7 trips to La Rochelle and 6 trips to the terminus, while Line 19 has 11 trips to La Rochelle and 12 trips to its terminus (Site Yelo).

Assuming the utilization of a standard bus model, such as the HEULIEZ ACCESS'BUS GX 327, with a seating capacity of 41 passengers, we establish this as the maximum capacity for each bus, from Monday to Friday,

Consequently, the weekly capacity calculation for each line is as follows:

Line 17: (7+6) × 41 = 553 passengers per day

Line 18: (7+6) × 41 = 553 passengers per day

Line 19: (11+12) ×41 = 943 passengers per day

Summing up these capacities across all three lines, the total maximum daily capacity for the bus network in the 8 communes, is 2049 passengers (553+553+943=2049)

This analysis provides valuable insights into the potential daily transportation capacity, facilitating an understanding of the scale of bus services in the region.