# Executive Overview

TITLE:
OPTIMIZING A BROADCASTING STRATEGY IN AN URBAN ENVIRON-
MENT

SUMMARY:
This document is aimed at evaluating the optimization of a broadcasting proto-
col in an urban environment using Madhoc, a metropolitan MANET simulator.

GOALS:

1. Describing the problem of efficiently broadcasting in MANETs in a
   metropolitan scenario.

2. Using metaheuristic techniques for finding a good parameter setting for
   the broadcasting protocol DFCN.

3. Reporting the results of our algorithms for optimizing DFCN using Mad-
   hoc.

CONCLUSIONS:

1. The studied metaheuristic technique achieves a wide set of good solutions
   to the problem.

2. The simulation of the environment with Madhoc is a time-consuming
   task.