

# 1 INTRODUCTION





The purpose of Part 2 of the UBC *Whole Systems Infrastructure Plan* is to summarize and present the detailed analysis that was undertaken by the consultant team to support the overall vision, roadmap and implementation plan for achieving UBCO's performance goals.

An in-depth description of the approach and methodology used to develop the *Infrastructure Plan* is provided along with the performance and modelling assumptions that were agreed upon with UBCO. A summary of the performance analysis for energy and carbon, water, ecological landscape and biodiversity, and stormwater. For each of the key performance goals, the following technical content is presented:

- a summary of the overall existing conditions;
- measures for improvement and the related performance benefits;
- where possible, synergies with other performance measures;
- cost analysis and funding opportunities; and
- implementation and engagement recommendations.

Where possible, after each measure proposed to achieve the key performance goals, a matrix of synergies is provided to demonstrate the effects of implementation in other key areas. If synergies exist the box for the related area will be a solid colour.

