Chapter IV
Strategic Technology Planning for the Techno–Global Economy: Cities in the Market

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ABSTRACT

Indications are strong that globalization is an irresistible force, fomented by, or at the very least, enabled by technology. This chapter refers to the technology driven aspects of globalization as “techno-globalization” and describes the role of strategic technology planning in the marketing of cities in this global economy. It describes strategic technology planning for information and communication technologies and its intersection with marketing planning. It is intended to guide managers through the technology planning aspects of ICTs and city marketing. In addition to providing practical guidelines for preparing a technology plan that supports the organization’s strategic and marketing objectives, the chapter explains many of the nuances of the preparation and alignment of organizational strategic plans using current information systems and organizational theory concepts.

INTRODUCTION

Strategic technology planning is a specialized instance of strategic planning. Because of the particular nature of technology strategy, it embraces many elements of strategic planning, but necessarily includes technology planning considerations and technology evolution forecasting that are not normally part of standard strategic planning. Strategic technology planning can be thought of as a strategic view of the entity’s technology infrastructure and requirements that results in the identification of “best fit” technology initiatives in support of the entity’s overall strategic direction. In parallel, marketing planning takes the marketing perspective at both a strate-
Strategic technology planning is oriented to the specific requirements of planning technology to support the planning entity’s overall strategic and tactical plans. Therefore, this chapter is a little less of a “what is” description and more of a “how to” explanation. The next sections will discuss strategic technology planning, the role of strategic technology planning in marketing planning, the role of information and communication technologies (ICTs) in marketing, and the potential interactions with ICT providers are addressed.

This chapter is intended to provide useful information to people who have oversight or direct responsibility for a municipality’s marketing planning and/or technology planning activities. The purpose of this chapter is to describe strategic technology planning and its intersection with ICTs, and their joint intersection with marketing planning as it relates to municipal marketing.

Figure 1. The overall system of planning

- Legislative Charter
  - Mission – Vision - Values
- Organizational Strategic Plan
- Strategic Technology Plan
- Strategic Marketing Plan
- Other Strategic Plan Sub-Sections
- ICT Providers
  - Companies
- Federal, provincial, and state governments
  - Target Markets