Chapter III

Managing the External Provision of “Knowledge Management” Services for Projects

Hedley Smyth
University College London, UK

Abstract

Knowledge management has largely been considered from the perspective of internal generation. It is posed that external provision will increase due to the diversity of problems and scarce resources, the arising issues being explored through a case study. The aim is to explore this process for construction projects. It will be shown that the successful delivery of knowledge services for the construction industry depends upon the way in which the provider conducts its marketing and the operation of gatekeepers in the project organisation. These issues are explored in relation to the main concepts and theories, applying and evaluating these through the case study approach.

Introduction

This chapter explores the issues for knowledge management where the knowledge and the application are derived in one organisation and used in another—the external
provision of information and knowledge management services. The aim of the chapter is to explore this process for construction projects. It will be shown that there are particular issues to be addressed in the successful delivery of knowledge services for the construction industry, specifically the role of marketing and the operation of gatekeepers where the project is the main means of delivery. These issues will therefore be explored within the project working environment, bringing to bear the main concepts and theories, and applying and evaluating these through a case study approach.

Learning Objectives

This chapter provides the opportunity for:

1. Analysing the issues involved in the external provision of KM.
2. Gaining an understanding of the gatekeeping role of the knowledge manager in the user firm.
3. Securing a knowledge of the marketing requirements of the supplier in external knowledge provision.

Background

Nonaka and Takeuchi (1995), following Polanyi (1966), have classified knowledge as being explicit or tacit. It has been argued that specific strategies and processes are needed to make tacit knowledge explicit and to manage that knowledge to the benefit of the organisation (Teece, Pisano, & Shuen, 1997). The process of developing competencies and capacities to achieve these requirements has been divided into four areas of organisational activity (Leonard-Barton, 1995):

- Shared creative problem solving
- Integrating and implementing new methods and adopting new tools
- Formal and informal experimentation
- Learning outside of the organisation

This chapter focuses upon the last of the four areas—the external provision of learning. For external provision from one organisation to another, the knowledge has to be made explicit and managed in such a way that it can be marketed and sold either as a knowledge management service package or a bespoke service to meet specific needs. This is an important and under-researched area in industry and in the whole sphere of knowledge.
Related Content

Knowledge Mining Wikipedia: An Ontological Approach
www.irma-international.org/chapter/knowledge-mining-wikipedia/76221/

An Ontology-Based Extraction Framework for a Semantic Web Application
www.irma-international.org/article/ontology-based-extraction-framework-semantic/55601/

Factors Affecting Knowledge Acquisition
www.irma-international.org/chapter/factors-affecting-knowledge-acquisition/125916/

The Role of Knowledge Management Processes in ERP Implementation Success
www.irma-international.org/article/the-role-of-knowledge-management-processes-in-erp-implementation-success/182274/

Knowledge Management in Safety-Critical Systems Analysis
www.irma-international.org/chapter/knowledge-management-safety-critical-systems/49015/