

Strategic Modelling And Business Dynamics

Dynamic Modeling for Business Management Business Models and Modelling Guide to Business Modelling Financial Modeling for Business Owners and Entrepreneurs Business Modeling Data Modeling for the Business The Art of Business Process Modeling Business Modeling and Software Design Business Model You Perspectives on Business Modelling Business Models For Dummies Business modelling and simulation Business Modelling in the Dynamic Digital Space Proceedings of the IASTED International Symposium, Modelling and Simulation Business Analytics Quantitative Business Modeling Managerial Opportunity Recognition in Business Model Innovation Digital Business Models Business Modeling with Spreadsheets Dynamic Modelling and Control of National Economies, 1986 Bernard McGarvey Charles Baden-Fuller John Tennent Tom Y. Sawyer David M. Bridgeland Steve Hoberman Martin Schedlbauer Boris Shishkov Timothy Clark Anders G. Nilsson Jim Muehlhausen Les Oakshott Omar A El Sawy International Association of Science and Technology for Development Stephen G. Powell Jack R. Meredith Marijan Topic Bernd W. Wirtz Thin-Yin Leong Béla Martos

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modelling is a tool used by savvy business managers to understand the processes of their business and to estimate the impact of changes dynamic modelling for business management applies dynamic modelling to business management using accessible modelling techniques that are demonstrated starting with fundamental processes and

advancing to more complex business models discussions of modelling emphasize its practical use for decision making and implementing change for measurable results readers will learn about both manufacturing and service oriented business processes using hands on lessons then will then be able to manipulate additional models to try out their knowledge and address issues specific to their own businesses and interests some of the topics covered include workflow management supply chain management and strategy

in this volume leading scholars from north america europe and asia come together to explore the topic of business models that takes the demand side customers and their engagement seriously the first part deals with the model dimension of business models the second part deals with business models and change

all organizations face more and more complex decision making while the risks dependant on their decisions require increasingly explicit understanding of the potential outcomes this special larger format guide is full of practical help on how to build the best most flexible and easy to use business models for analyzing the upside or potential downside of anything from a small development of an existing business to large scale mergers and acquisitions this is an invaluable guide for anyone who wants to get ahead in business

financial modeling for business owners and entrepreneurs developing excel models to raise capital increase cash flow improve operations plan projects and make decisions may be one of the most important books any entrepreneur or manager in a small or medium sized enterprise will read it combines logical business principles and strategies with a step by step methodology for planning and modeling a company and solving specific business problems you ll learn to create operational and financial models in excel that describe the workings of your company in quantitative terms and that make it far more likely you will avoid the traps and dead ends many businesses fall into serial entrepreneur and financial expert tom y sawyer shows how to break your company down into basic functional and operational components that can be modeled the result is a financial model that for example you can literally take to the bank or bring to local angel investors to receive the funding you need to launch your business or a new product or it might be a model that shows with startling clarity that your new product development effort is a likely winner or loser even better you ll learn to create models that will serve as guideposts for ongoing operations you ll always know just where you are financially and where you need to be the models you will learn to build in financial modeling for business owners and entrepreneurs can be used to raise capital for startup or any stage of growth plan projects and new initiatives make astute business decisions including go no go assessments analyze roi on your product development and marketing expenditures streamline operations manage budgets improve efficiency and reduce costs value the business when it is time to cash out

or merge in addition to many valuable exercises and tips for using excel to model your business this book contains a combination of practical advice born of hard won lessons advanced strategic thought and the insightful use of hard skills with a basic knowledge of excel assumed it will help you learn to think like an experienced business person who expects to make money on the products or services offered to the public you ll discover that the financial model is a key management tool that if built correctly provides invaluable assistance every step of the entrepreneurial journey tom y sawyer has used the principles this book contains to create financial models of numerous startup and early stage companies assisting them in planning for and raising the capital that they needed to grow their businesses and ultimately exit with multiples of their initial investment financial modeling for business owners and entrepreneurs a mini mba in entrepreneurship and finance will show you how you can do the same note this book is an updated version of sawyer s 2009 title pro excel financial modeling

as business modeling becomes mainstream every year more and more companies and government agencies are creating models of their businesses but creating good business models is not a simple endeavor business modeling requires new skills written by two business modeling experts this book shows you how to make your business modeling efforts successful it provides in depth coverage of each of the four distinct business modeling disciplines helping you master them all and understand how to effectively combine them it also details best practices for working with subject matter experts and it shows how to develop models and then analyze simulate and deploy them this is essential authoritative information that will put you miles ahead of everyone who continues to approach business modeling haphazardly provides in depth coverage of the four business modeling disciplines process modeling motivation modeling organization modeling and rules modeling offers guidance on how to work effectively with subject matter experts and how to run business modeling workshops details today s best practices for building effective business models and describes common mistakes that should be avoided describes standards for each business modeling discipline explains how to analyze simulate and deploy business models includes examples both from the authors work with clients and from a single running example that spans the book

did you ever try getting business and it to agree on the project scope for a new application or try getting the sales marketing department to agree on the target audience or try bringing new team members up to speed on the hundreds of tables in your data warehouse without them dozing off you can be the hero in each of these and hundreds of other scenarios by building a high level data model the high level data model is a simplified view of our complex environment it can be a powerful communication tool of the key concepts within our application development projects business intelligence and master data

management programs and all enterprise and industry initiatives learn about the high level data model and master the techniques for building one including a comprehensive ten step approach know how to evaluate toolsets for building and storing your models practice exercises and walk through a case study to reinforce your modelling skills

information systems have become a critical part of the infrastructure of most if not all businesses government organizations and even individual households to be useful an information system must integrate and align with the way the business conducts its operations by necessity this means that information systems construction requires an understanding of the organization s procedures operations and processes articulating modeling and managing business processes and workflows are pre conditions to successful automation business processes are part of the fabric of the business and represent a strategic and critical intellectual asset that needs to be understood and proactively managed processes are often cross functional and involve multiple systems software applications and human assets including employees customers partners and vendors processes must be formally defined and documented so that they can be practiced uniformly and consistently across the organization explicit articulation of processes is essential so that the processes truly become intellectual property of the organization rather than being tied to a specific individual business process modeling or bpm for short is the activity of eliciting documenting modeling and analyzing work procedures within an organization to be successful the business analyst must possess the necessary modeling skills and business knowledge to carry out these responsibilities the first step in business process management is capturing and articulating the processes this is done through process modeling once processes have been documented then the organization can think about optimizing and eventually automating the processes optimization is done through a combination of manual analysis as well as automated simulation this book describes the promap methodology for articulating and modeling business processes promap is practical and based on over 20 years of experience in modeling

this book contains revised and extended versions of selected papers from the sixth international symposium on business modeling and software design bmsd 2016 held in rhodes greece in june 2016 organized by the institute iicrest in cooperation with bpm d aristotle university of thessaloniki tu delft ctit university of twente imi bas the dutch research school siks and amakota ltd bmsd 2016 received 59 paper submissions from which 27 papers were selected for publication in the bmsd 16 proceedings additional post symposium reviewing was carried out reflecting both the qualities of the papers and the way they were presented 11 best papers were selected for the current springer edition that were carefully revised and extended following the reviewers comments and recommendations the selection considers a large number of bmsd relevant research topics from business

processes related topics such as business process management variability of business processes and inconsistencies risk detection here it is to be mentioned that several papers consider and analyze particular business process modeling formalisms and tools through system engineering related topics such as conceptual modeling enterprise architectures human centered design signs modeling and idiosyncrasies capturing to service oriented software engineering related topics such as service orchestration and e services design

a one page tool to reinvent yourself and your career the global bestseller business model generation introduced a unique visual way to summarize and creatively brainstorm any business or product idea on a single sheet of paper business model you uses the same powerful one page tool to teach readers how to draw personal business models which reveal new ways their skills can be adapted to the changing needs of the marketplace to reveal new more satisfying career and life possibilities produced by the same team that created business model generation this book is based on the business model canvas methodology which has quickly emerged as the world s leading business model description and innovation technique this book shows readers how to understand business model thinking and diagram their current personal business model understand the value of their skills in the marketplace and define their purpose articulate a vision for change create a new personal business model harmonized with that vision and most important test and implement the new model when you implement the one page tool from business model you you create a game changing business model for your life and career

one of the key issues presented here is bridging the communication gap between business leaders and it experts in companies and public services this is facilitated by combining different models for the development of corporate strategies business processes and information support the leading idea behind this book is to present different perspectives on business modelling based on established theories and practical experiences it thus offers advanced knowledge and relevant information on the key issues in business modelling for today s organisations

write a business model easy business models for dummies helps you write a solid business model to further define your company s goals and increase attractiveness to customers inside you ll discover how to make a value proposition define a market segment locate your company s position in the value chain create a revenue generation statement identify competitors complementors and other network effects develop a competitive strategy and much more shows you how to define the purpose of a business and its profitability to customers serves as a thorough guide to business modeling techniques helps to ensure that your business has the very best business model possible if you need to update a business model due to changes in the market or maturation of your company business

models for dummies has you covered

this springer briefs volume guides the reader in a comprehensive form to design new digital business models the book provides strategic roadmaps for enterprises in the digital world and a comprehensive framework to assess new business models it aligns both research and a practical perspective through real case study examples even extreme scenarios are employed to ensure that innovative approaches are being considered adequately

master s thesis from the year 2017 in the subject business economics business management corporate governance friedrich alexander university erlangen nuremberg language english abstract the goal of this master s thesis is to examine the relationship between managerial or and business model innovations bmis in established organizations in order to meet the complexity of the topic this thesis is focused on factors that hinder or help managers in recognizing business opportunities focusing on incumbent firms this paper conducts further research to identify the main influencing factors including challenges vulnerabilities and obstacles the thesis is divided into six parts starting with a brief description of the research topic including the problem position and objective second a literature review is conducted to summarize the state of research including theoretical foundations in today s scientific literature the two fields of research bmi or are by no means treated independently from each other for the time being bmi and or are considered independently of each other it is then shown exactly how current literature treats managerial or with respect to bmi the results are then synthesized into a summary highlighting what is known and not known the areas of controversy in the literature are identified and questions are formulated that need further research the third part of the thesis consists of expert interviews derived from the literature review a guideline for interviews is developed to treat the research gaps in an appropriate way and to meet the complexity of the task setting the explorative survey aims to identify the challenges and drivers of managerial or in bmi and to identify approaches that have not yet been addressed in scientific literature to a significant extent the core of the analysis is the splitting of the bm into the elements value proposition value creation and value capture this ensures that all the facets of a company s bm are accurately addressed and form the basis for high quality results in order to cover a broad range the paper does not focus on a certain industry the interviews are conducted with an array of decision makers in organizations that have attempted or are currently attempting to innovate their bm at the business unit level or the corporate level

the spread of the internet into all areas of business activities has put a particular focus on business models the digitalization of business processes is the driver of changes in company strategies and management practices alike this textbook provides a structured

and conceptual approach allowing students and other readers to understand the commonalities and specifics of the respective business models the book begins with an overview of the business model concept in general by presenting the development of business models analyzing definitions of business models and discussing the significance of the success of business model management in turn chapter 2 offers insights into and explanations of the business model concept and provides the underlying approaches and ideas behind business models building on these foundations chapter 3 outlines the fundamental aspects of the digital economy in the following chapters the book examines various core models in the business to consumer b2c context the chapters follow a 4 c approach that divides the digital b2c businesses into models focusing on content commerce context and connection each chapter describes one of the four models and provides information on the respective business model types the value chain core assets and competencies as well as a case study based on the example of google chapter 8 merges these approaches and describes the development of a hybrid digital business model chapter 9 is dedicated to business to business b2b digital business models it shows how companies focus on business solutions such as online provision of sourcing sales supportive collaboration and broker services chapter 10 shares insight into the innovation aspect of digital business models presenting structures and processes of digital business model innovation the book is rounded out by a comprehensive case study on google alphabet that combines all aspects of digital business models conceived as a textbook for students in advanced undergraduate courses the book will also be useful for professionals and practitioners involved in business model innovation and applied researchers

this ifac symposium considers the modelling analysis and control of various economic and socio economic systems the volume is divided into three sections covering economic theory macroeconomic policymaking national sectoral and regional models mathematical algorithmical and computational methods of modelling giving a clear and concise view of the use of computer systems in the world of economics

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Introduction

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