# ADVANCES IN INTERNATIONAL COMPARATIVE MANAGEMENT

Supplement 1 • 1984
BEYOND THEORY Z
by ANANT R. NEGANDHI
MARTIN WELGE

## ADVANCES IN INTERNATIONAL COMPARATIVE MANAGEMENT

A Research Annual

BEYOND THEORY Z:
GLOBAL RATIONALIZATION
STRATEGIES OF AMERICAN,
GERMAN AND JAPANESE
MULTINATIONAL COMPANIES

by ANANT R. NEGANDHI University of Illinois Urbana-Champaign

MARTIN WELGE University of Hagen West Germany

SUPPLEMENT 1 • 1984



Copyright © 1984 JAI PRESS INC. 36 Sherwood Place Greenwich, Connecticut 06830

JAI PRESS INC. 3 Henrietta Street London, WC2E 8LU England

All rights reserved. No part of this publication may be reproduced, stored on a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, filming, recording, or otherwise without prior permission in writing from the publisher.

ISBN: 0-89232-445-7

Manufactured in the United States of America

#### Preface

This book reports the results of a study concerning the functioning of American, German, and Japanese multinational companies. The main purpose of this study was to examine the organizational strategies, structures, control processes, and decision-making aspects in those companies, and how these strategies and practices were able to cope with the environmental demands emanating from the home and host countries of the multinational companies.

The study was sponsored and supported by the International Institute of Management, Science Center Berlin, West Germany. Additional support was provided by our present institutions, the University of Illinois (Research Board and Department of Business Administration), and the University of Hagen, West Germany. We owe sincere thanks to these institutions for their generous financial and moral support.

Many colleagues contributed considerably in sharpening our focus for this study. These include Professors Walter M. Goldberg and Bernhard Gahlen, former Directors of the International Institute of Management (IIM), Bernhard Wilpert and George W. England, our colleagues at IIM, now professors at the Technical University West Berlin, and the University of Oklahoma, respectively, Professors Richard N. Farmer, Indiana University and Series Editor of JAI Press, and Louis Pondy, Head, Department of Business Administration, University of Illinois. We are thankful for their continuous support and encouragement. William Emmons deserves our sincere thanks for his assistance throughout this study.

During the time this study was conducted, the principal au-

#### xvi / Beyond Theory Z

thor was a Senior Fellow at IIM from 1976 to 1978. It was a collaborative study undertaken by six colleagues living and working on both sides of the Atlantic. They are: Lars Otterbeck, Anders Edstrom, Gunnar Hedlund at the Institute of International Business, Stockholm School of Economics, Sweden, and B. R. Baliga, Texas Technological University. We owe special thanks to our collaborators.

The manuscript typing and retyping was done by the efficient and cheerful staff of Carol Halliday, Word Processing Center, University of Illinois. We are thankful for their help.

Anant R. Negandhi Martin K. Welge

### **CONTENTS**

List of Figures List of Tables		ix
		xi
Pref	ace	xv
I.	Beyond Theory Z: Quest for Survival	1
	Purpose of This Study	2
	Theoretical Rationale	2 3
	Research Methodology and Sample	4
	Organization of the Book and Presentation	
	of the Results	6
II.	Organizational Structure and Decision Making	9
	Organization Structure at the Headquarters	
	Level	9
	Regional Headquarters and Hierarchical Levels	11
	Level of Formalization	13
	Reporting Requirements	17
	Global Rationalization and Decision Making	19
III.	Organizational Policies and Control Policies	29
	Ownership Policies	32
	Our Results	36
	Controlling and Coordinating the Subsidiaries'	
	Operations	36
	The Use of Formal Structure	37
	Control Through Personal Visits	39
	Controlling Through Technology	41
	Environmental Scanning and Strategic	
	Long-Range Planning	47
	Manpower Policies and Practices	51
īV.	Impact of Global Rationalization Processes	
	on the Organizational System	57
	The Nature of Critical Issues	58
	Critical Problems in Developing Countries	59
	Critical Problems in Developed Countries	59

#### vi / Contents

	The Intensity of Critical Issues	66
	The Impact of Critical Issues	67
	Global Rationalization and Organizational	
	Effectiveness	74
v.	Impact of Global Rationalization Process on	
	Relationship Between MNCs and Nation	
	States	77
	Trends in Foreign Investment Policies	77
	Response of the Multinationals	95
	Controls are Here to Stay	95
	The Scene in Industrialized Countries	101
	Conflicting Issues: Developing Countries	101
	Sources, Patterns, and Trends of Conflict	106
	Change from Political Ideology to Economic	
	Rationality	106
	Nature of External Issues Between MNCs and Industrialized Countries	100
		109
	Intensity of Conflicts Response of the MNCs	111
	Concluding Remarks	111
	Concluding Remarks	111
VI.	Beyond the Present: Summary and Implications	115
	Organizational Structure and Decision Making	117
	Organizational Policies and Control Processes	118
	Impact of Global Rationalization Process on	
	Headquarters—Subsidiary Relationships	119
	Impact of Global Rationalization Process on	
	MNC—Nation—State Relationships	120
	Implications	121
	What Can the Multinationals Do?	123
A	andiy A. Definition and On and	
	endix A: Definition and Operationalization of	
		127
De	finition and Operationalization of Variables: The U.S. Study	107
	finitions and Operationalization of Variables:	127
7	The Study of the Six Developing Countries	120
•	or the old Developing Countiles	129
Appe	endix B: Interview Guide and Questionnaire	
Ûs	ed for the Study of Multinationals in	
	lustrialized Countries	131

	Contents /	vii	
Appendix C: Interview Guide for the Study of Multinationals in the Six Developing			
Countries (1974-76 Study)		153	
Appendix D: Additional Tables		175	
Bibliography		193	
Author Index		203	
Subject Index		205	

## List of Figures

#### Chapter II

1a.	Organizational Structural Aspects in	
	Headquarters of American, German, and Japanese Multinationals	10
1b.		10
ID.	Headquarters of American, German, and	
	Japanese Multinationals	12
2.	Extent to Which Subsidiaries Depend on Written	12
~-	Policies from Headquarters	14
3a.	Comparison of Delegation in the Various Areas	14
	for U.S., German and Japanese MNCs	23
3b.	Comparison of Delegation in the Various Areas	23
	for U.S., German and Japanese MNCs	25
<b>~</b> 1	-	
Chap	oter III	
1.	Evolution and Growth of International Business	
	and Corresponding Changes in Organizational	
	Structures, Formalizations, Ownership Policies,	
	Control Strategies, and Staffing Policies	30
2.	Parent's Ownership Share in Overseas	
	Subsidiaries of American, German and Japanese	
	Multinationals	34
3.	Specificity of the Subsidiaries' Ownership	
	Policies of the American, German and Japanese	
	Multinational Companies	35
4.	Organization Structure at the Subsidiary Level	38
5a.	Relative Level of Technology Used by the	
	Subsidiaries (Relative to Other Firms):	43
5b.	Transfer of Technology from the Subsidiaries to	
	the Headquarters: Research and Development	
	Expenditures by the Subsidiaries	44
6.	Subsidiaries' Purchases of Inputs from Parent	
	Company	46

#### x / List of Figures

7.	Environmental Scanning and Long Range	
	Planning at the Headquarters and Subsidiary	
	Levels Among Three Types of Multinational	
	Corporations	48
8.	Long Range Planning	49
9.	Involvement of Subsidiaries in Environmental	
	Scanning and Long-Range Planning Processes	50
10.	Manpower Policies and Practices as a Control	
	Device in Three Types of Multinational	
	Companies	53
Cha	pter V	
1.	Future Governmental Policies Toward Foreign	
	Private Investment and the MNCs	96
2.	Future Expansion and Investment Plans of the	,,
	MNCs	97
3.	MNCs' Responses to Meet Governmental	
- •	Demands	102

## List of Tables

Chapter I		
1.	The Sample of the Study	5
2.	Profiles of the Subsidiaries Studied	5
Chaj	oter II	
1.	Types of Policy Manuals Supplied by the Headquarters	16
2.	Type and Frequency of Report Required from the Subsidiaries by the Headquarters in Various	10
3.	Areas The Relative Influence of the Subsidiary in Decision Making (Raw Score)	18
4.	Relative Influence Over 15 Decision Areas: (Mean Score Differences)	22
Chap	oter III	
1.	Ownership of Overseas Manufacturing Subsidiaries of European and Japanese	
2.	Multinational Companies (as of January 1, 1971) Involvement of the Subsidiaries' Managers	33
3.	in the Headquarter's Committees Personal Visits by the Headquarters' Executives	39
	to the Subsidiaries Operations: Frequency, Nature, and Position of the Visitors	40
4.	Extent of Localization of Top-Level Management by the MNCs	52
Chap	oter IV	
1.	Nature of Critical Issues Between Headquarters and Subsidiaries of American, German, and Japanese Multinationals	60

#### xii / List of Tables

2.	Intensity of Critical Issues Between Headquarters and Subsidiaries of American, German, and	
3.	Japanese Multinationals Headquarters' Versus Subsidiaries' Influences	68
٠.	on Resolving Critical Issues and Problems	70
4.	Correlation Coefficient Between Autonomy of	
	Subsidiary and Certain Measures of Organizational Effectiveness	71
5.	•	
	German, and Japanese Multinational Companies	72
Cha	apter V	
1.	Profile of Foreign Investment Rules	78
2.	Summary of Foreign Investment Rules	88
3.	Canada's 12 Good Corporate Behavior Principles	
	(as they relate to alleged objectionable U.S.	
4	subsidiary-practices)	90
4.	Unemployment Rate in Major Industrialized Countries	0.4
5.	MNC Executives' Perceptions of Controls by	94
٠.	Host Governments	100
6.	Disputes Between American Firms and	100
	Developing Countries: By Region and Sector	103
7.	Summary Distributions of the Sample Foreign	
	Takeovers of U.S. Firms, by Type of	
0	Characteristics and by Subperiod	104
8.	Cross Tabulations of Characteristics of	
9.	Takeovers, 1961–1973 Intensity of MNCs' Conflicts with Host	107
٦.	Countries: Level of People Involved in	
	Resolving Conflicts	110
Cha	pter VI	
1.	Factors in the Approval of Sixty-Three Foreign	
	Investments in Canada	122
lpp	endix D	
1.	Organizational Structural Aspects in	
	Headquarters of American, German, and	
	Japanese Multinationals	175

2.	Written Policies from Headquarters	176
3.	Extent to Which Subsidiaries Depend on Manuals, Policies, and Procedures for Strategic	
	and Policy-Level Decisions	177
4.	I	1=0
-	for American, German, and Japanese MNCs	178
5.	The Parent's Ownership Share in Overseas Subsidiaries of American, German, and	
	Japanese Multinationals	179
6.	Specificity of the Subsidiaries' Ownership	
	Policies of the American, German, and	
	Japanese Multinational Companies	179
7.	Organization Structure at the Subsidiary Level	180
8.	Technology as Means of Control: Levels,	
	Transfers, and R and D Activities in Overseas	
_	Subsidiaries	180
9.	Intra-Company and Local Purchases	
10	of the Three Types of Subsidiaries	181
10.	Environmental Scanning and Long-Range Planning at the Headquarters' and the	
	Subsidiaries' Levels Among the Three Types of	
	Multinational Corporations	183
11.	Multiple Regression Analysis Between Reporting	103
	Requirements and Certain Contextual Variables	184
12.	Manpower Policies and Practices as a Control	
	Device in the Three Types of Multinational	
	Companies	185
13.	The Host Countries' Attitudes Toward Foreign	
	Private Investment and the Multinational	40.00
1.4	Corporations	185
14.	Future Governmental Policies Toward Foreign Private Investment and the Multinational	
	Corporations	186
15.	Future Expansion and Investment Plans	100
10.	of the Multinational Companies	186
16.	The Host Countries' Expectations Concerning	100
	the Multinational Corporations	188
<i>17</i> .	The Multinational Corporations' Responses	- 30
	to Meet Governmental Demands	189
18.	The Multinational Corporations' Expectations	
	of Host Countries	189

#### xiv / List of Tables

19.	Sources of the Multinational Corporations'	
	Problems	190
20.	Correlation Coefficients between Autonomy	
	(SUBDEC) and Outcome Measures	
	(Coefficient/(Cases/Significance)	19

#### Chapter I

## Beyond Theory Z: Quest for Survival

Since the 1973 oil crisis, the potentials and problems of the industrially developed countries have shifted dramatically. Inflation, unemployment, and overall slowdown of industrial and economic activities have become critical issues in industrially developed and developing countries.

In search of immediate and long-term solutions for these problems, changes in economic and social policies have been articulated and debated at a national level, while the business leaders in the United States have shown concern for lagging productivity, research and developmental activities, and increasing costs of meeting the governmental demands for clear air and water and employee safety.

Industrial productivity seems to emerge as the cure-all for economic problems in the United States. In seeking a "quick fix" solution to increase productivity, the utilization of participative management, quality-control circles and the Japanese style of management are becoming a central focus. Japanologists seem to have their day.

Indeed, changes in management practices may increase productivity and overall competitiveness of the American firms in international and domestic markets. However, what is being overlooked in this fadist adoption of a Japanese style of management are the strategic and policy issues at the top management level. The multinational corporations, in order to achieve operational efficiency, have been pursuing global rationaliza-

tion strategies while ignoring societal and governmental demands.

Although there is no precise definition of global rationalization, it does involve the integration of production and marketing systems, centralization of strategic decisions, formalization of policies and procedures, and tighter control of subsidiaries through financial and other means. The ultimate aim is to achieve economies of scale through the unification and integration of the global units.

The global rationalization concept itself is not a new discovery. During the 1950s and the 1960s, academic scholars and practicing managers both articulated the need for a new global-level organizational design suitable for transnational enterprises. As early as 1959, Clee and Discipio outlined a global perspective for the multinational enterprises in terms of creating a world corporation. The essentials included total commitment by top level executives in international management as well as an assumption of full responsibilities for strategic global planning and decision making. The research studies on multinational corporations, launched under the auspices of Harvard's Multinational Enterprise Project, seem to indicate an increasing trend toward global rationalization strategies among U.S., European and Japanese multinational companies.<sup>2</sup>

#### PURPOSE OF THIS STUDY

Although the need for global strategies and world—wide organizational structure has been well articulated and implemented by the MNCs, the impact on these firm's long—term growth and survival has not been explored systematically. To examine the effects of global rationalization strategies, we studied the actual internal organizational practices and control processes utilized by the multinational corporations. Then the impact of these practices on the relationships between headquarters and subsidiaries, and MNCs and nation states were assessed. Especially, the study attempted to examine the following aspects in greater detail:

The strategies adopted with respect to transfer of technology, investment policies, manpower and personnel policies, product and marketing policies.

Organizational structures at headquarters and subsidiary levels.

Organizational processes and mechanisms for control and coordination, long-range planning and environmental scanning, personnel training, performance reviews, and feedback mechanisms utilized at headquarters and subsidiary levels.

Decision making and relative influence of headquarters and subsidiaries on major and minor decisions.

The nature and intensity of conflicts in decision making between headquarters and subsidiaries.

The nature and intensity of conflicts and conflicting issues between MNCs and governments and other publics in the home and host countries.

Implications of global-rationalization processes on internal efficiency of the MNCs and maintenance of effective external relationships with the nation-states (home as well as host countries).

#### THEORETICAL RATIONALE

Much of the work on the strategies and structures of the MNCs has been based on the original strategy-structure thesis advanced by Alfred Chandler.3 Through the case studies of four large U.S. corporations (General Motors, General Electric, Du-Pont, and Sears) he concluded that the firm's structure follows the strategic decisions. Although, conceptually, strategy and structure are ill-defined, the studies reported thus far seem to validate Chandler's thesis.4

Given the fact that most of the empirical work done during the late 60s and early 70s by the Harvard group took place in the industrialized countries where free and competitive market conditions prevailed, it was easier to overemphasize the internal micro aspects of organizations and underemphasize the external macro environmental conditions.

Since the 1973 oil crisis, economic and market conditions have changed drastically both in the developed and in the developing countries. Governmental interventions and regulations, which used to be the hallmark of centralized and developing economies, have now become pervasive in the industrialized countries as well.5