

Table of Contents

1 Introduction: Objective and Scope of the Study	1
2 Sector and Territory	7
2.1 Sector and Territory. Crossed Competencies	8
2.2 Variety of "Models" of Territorial Development	9
2.2.1 The Factors of Spatial Competency	9
2.2.2 Agglomeration, Specialization, Specification	11
2.3 From Territorial Governance to Global Regulation	12
2.3.1 The Concept of Territorial Governance	12
2.3.2 Governance Structure relations with Local Models.....	14
2.3.3 Local Governance Between Macro and Micro.....	15
2.4 Relations Sector-Territory	18
3 The Aeronautical Sector: Recent Tendencies.....	23
3.1 The Organizational Model in the Industry	23
3.1.1 Defense and the Aeronautical Sector as Public Goods	24
3.1.2 Forms of Ownership and Regulation	25
3.1.3 Organization of the Aeronautical Sector.....	26
3.1.4 The Aeronautical Industry and Technology.....	27
3.1.5 Product Design, Comparative Advantages and Reliability	28
3.1.6 Aeronautical Firm and Production Costs	30
3.1.7 From Production Costs to Transaction Costs	31
3.1.8 Knowledge Flow in the Sector	32
3.1.9 The Organizational Model and its Consequences.....	33
3.2 New Concept of the Product	34
3.2.1 Cascade Organization of Subcontracting	35
3.2.3 Subcontracting Relations	37
3.3 EADS: Its Increasing Importance in the World	43
3.3.1 Structure in the Global Aeronautical Market	43
3.3.2 The Creation of EADS in 2000	47
3.3.3 The Group and its Five Divisions.....	49
3.3.4 EADS' Dependence on an Airbus Division.....	52
3.3.5 Guaranteeing Coherence Among the Groups.....	55

3.3.6 Airbus SAS: A Group Open to Cooperation and Alliances	55
3.4 The A380: Its Significance	61
3.4.1 The A380 Program: Its Significance.....	61
3.4.2 The A-380 Program in Spain.....	64
3.4.3 A380 Program Impact in Aquitaine and Midi-Pyrénées	67
4 From Specialization to Specification.....	75
4.1 Basic Data of the Aerospace Sector	75
4.1.1 The Ill-Defined Boundaries.....	75
4.1.2 A Dual Industry: Between the Civilian and the Military	77
4.1.3 A High Technology Industry.....	78
4.1.4 A Location Based on the Effects of Concentration	79
4.2 Basic Data in Aquitaine and Midi-Pyrénées	80
4.2.1 The Aerospace Sector as a Whole	80
4.2.2 EADS Installations in Aquitaine and Midi-Pyrénées	88
4.3 The Industria Surrounding the Large Contractors	89
4.3.1 Recent Evolutions.....	89
4.4 Territorial Governance in Midi-Pyrénées and Aquitaine.....	109
4.4.1 Governance in the Aeronautical System of Toulouse.....	110
4.4.2 Governance of the ASD Sector in Aquitaine	123
4.5 Crossed Perspectives	135
4.5.1 Convergence within Diversity	135
4.5.2 Toward an Interregional Governance?.....	138
5 Aeronautics in Spain: Specialization & Beyond.....	143
5.1 Basic Data of the Sector and the Territories	143
5.1.1 The Aeronautics Sector in Madrid and in Andalusia.....	147
5.2 Organization of Production.....	148
5.2.1 Industrial Characteristics of the Productive Fabric.....	148
5.2.2 Firm Typology.....	156
5.2.3 Specialization and Cluster.....	161
5.2.4 Labour Market and Innovation.....	166
5.3 The Agents in Context.....	175
5.3.1 Business Agents.....	176
5.3.2 Agents Dedicated to Training and Research	179
5.3.3 Public Administration.....	183
5.4 The Regional Governments of Andalusia and Madrid	192
6 Aeronautics Agglomeration in Portugal.....	193
6.1 Basic Data of the Territory.....	193
6.2 Industrial Organization	211
6.3 Agents in Context.....	219

6.3.1 OGMA	219
6.3.2 AP – Maintenance and Engineering	221
6.3.3 Small and Medium Firms in the Aeronautical Sector.....	222
6.4 Synthesis of the Territory.....	225
6.4.1 Exploration of Synergies between Ogma and Tapme.....	227
6.4.2 Interaction among Related Sectors	227
6.4.3 Exploitation of Market Niches	229
6.4.4 Line of Action of a Portuguese Aeronautical Mega-Cluster .	231
7 Comparative Analysis of the Territories Studied.....	233
7.1 Descriptive Analysis of the Territories	233
7.2 Factorial Analysis.....	238
7.2.1 Empirical Analysis	238
7.2.2 Factorial Analysis	238
8 Conclusions and Recommendations	247
9 Annex.....	255
10 List of Figures.....	259
11 List of Tables	263
12 Bibliography	267
13 List of Authors.....	277



<http://www.springer.com/978-3-540-35646-2>

European Aeronautics
The Southwestern Axis
Alfonso-Gil, J. (Ed.)
2007, X, 278 p., Hardcover
ISBN: 978-3-540-35646-2