CONTENTS

	Page
Introduction Adolfo Menéndez Menéndez	
Chapter one	
A geo-strategic view of defence	21
Introduction	22
The geostrategic framework of defence	26
Globalization and the defence industry	29
The convergence of security and defence	32
Risks and threats to security and their influence on the defence industry	34
Current armed conflicts and their implications on defence	37
What arms are sold?	40
Who sells the arms?	43
Who buys the arms?	45
Why do they sell arms?	46
The contemporary geo-political framework	48
The relationship between military capabilities and security	57
Conclusions	63
Bibliography	63
Chapter two	
The industrial policy of Spain	65
Introduction	67
Industry in Spain	69

	Page
Industrial policy in Spain	71
Stimulating demand for industrial goods with a multiplying effect on the	
economy and promoting investment in strategic industrial sector	73
Automotive sector	73
The Space sector	74
Aeronautical sector	75
Naval sector	77
The defence sector	77
Improve the competitiveness of key production factors	78
Ensure a stable, competitive and sustainable energy supply	82
Reinforcing the stability and uniformity of the Spanish regulatory fra- mework	84
Increasing efficiency and the market orientation of R & D and innova-	
tion	86
Support the growth and professionalization of Spanish industrial SMEs	88
Adapting the educational model to the needs of companies	89
Increasing the influence of non conventional financing in industrial companies	91
Support for the internationalization of industrial enterprises and mar-	
ket diversification	95
The digitalization of the industry or industry 4.0	98
Conclusions	100
Bibliography and references	101
Ch and an About	
Chapter three	
Industrial policy for defence	103
Fundamentals of a specific industrial policy for Defence	104
Sovereignty in the field of defence industrial policy	104
The national and European defence industrial policy framework	105
Relevant actions in the period 2011-2015	106
Reconduction of armament programs	106
Strategic industrial capabilities	108
Cooperation and industrial management	110
Future actions	112
Financial framework	112
R & D and innovation associated with defence	118
Promoting the competitiveness of companies	120
Government – Industry interaction	125
Strengthening and consolidation of the defence industrial sector	127
The industry as a vector for national defence	128
Human capital: training	129
Chapter four	
The globalization of defence issues: military capabilities, market	
and industry	133
Arturo Alfonso Meiriño	
Introduction	135
The three dimensions of the process of development of military capabili-	
ties	136
The planning of military capabilities	136
The market of military capabilities	137
The military capabilities supply industry	138

	Page
The multinational approach to military capabilities. The pooling of capa-	
bilities	139
The European initiative: Pooling & Sharing	140
Intelligent Defence: The Alliance's Smart Defence	147
The globalization of the defence market	151
The European Council, 13 and 14 December, 2012	154
Activities of the European Union within the framework of CSDP	156
Communication of the European Commission of 24 July 2013	156
The report of the High Representative of 24 September 2013	157
The European Council of 19 and 20 December 2013	159
The roadmap of the EC of 24 June 2014 The Council of Foreign Affairs of 18 May, 2015	160 162
The European Council of 25 and 26 June 2015	164
The internationalization of the defence industry	166
Conclusions	168
Conclusions	100
Chapter five	
The acquisition of systems and their financing: problems and	
some solutions	171
Antonio Fonfría Mesa	
Introduction	172
Current situation from the demand perspective	173
The budget	173
Debt and its consequences	175
Current situation from the supply perspective.	178
Structure of the defence industry	178
Business collaboration	179
Changes in technology and the emergence of SMEs	180
Efficiency problems	182
Some solutions	183
Adequate financing	184
Obtaining capabilities	186
Contracting	187
Costs	189
Efficient collaborationPending payments of systems still under development	191 193
	.,,
Conclusions	195
Bibliography	196
Chapter six	
Defence activity as a source of wealth	199
Máximo Blanco Muñoz	
Introduction	200
The European defence industry	202
Effects of community policy on the sector	205
The Spanish defence industry	209
Structure, production and performance of enterprises	214
Highly qualified employment in the defence industry	221
Technological characteristics of the defence industry	226

	Page
Framework of union's participation and proposals in the European defen- ce industry	231
Political and sectoral strategies: proposals for public and private action in Spain	234
Composition of the working group	241
Strategic Dossiers Collection Title	243