

Contents

<i>List of illustrations</i>	x
<i>Acknowledgments</i>	xi
<i>Acronyms</i>	xiii
I. Introduction	1
<i>Research questions</i>	3
<i>Methodology</i>	3
<i>Meta-theory</i>	3
Habermas	3
Gadamer	5
Braudel	7
<i>Original integration theory</i>	8
Monnet/Schuman	8
de Gaulle/Debré	9
Adenauer	12
<i>Applied integration theory</i>	12
Parsons	12
Senge	13
<i>Conclusion</i>	15
<i>Timeframe</i>	16
<i>Geographical choice</i>	17
<i>Sources</i>	18
<i>National parliamentary debates</i>	18
<i>European Parliament</i>	20
<i>Council of Ministers: COREPER Reports</i>	21
<i>Commission: General Reports</i>	21
<i>Commission: Procès-Verbaux Spéciaux</i>	22
<i>A European response to energy dependence? – Outlook</i>	23

II. Energy and environment

25

Introduction 25**1 Energy and environment: coal 28***Energy: coal 28*

The decline of the coal industry 29

Rearguard class struggle 34

Energy independence 43

Environment: coal in the 1970s 49

Technical research on coal 49

Literature review 50

*Conclusion: coal 55***2 Energy and environment: oil 56***Energy: oil 56*

The beginnings of the oil crisis, 1973 58

The oil crisis 66

A European energy policy and the breakdown of European solidarity 77

Energy shortage (from 1973) 96

Environment: oil 100

Environmental concerns 100

Literature review 103

*Conclusion – Oil 105***3 Energy and environment: atom 107***Energy: atom 107*

National nuclear fission programmes 109

Military collaboration 118

Research collaboration 120

Nuclear fusion 125

Environment: atom 126

Waste heat 127

Radiation 129

Nuclear accidents 129

Nuclear tests 131

Nuclear waste 132

Literature review 135

*Conclusion: atom 141***4 Energy and environment: conclusion 143***Repercussions of the oil crisis 143**Energy mix 144**Energy saving (from 1973) 146**Energy efficiency (mainly from 1973) 148**A European energy policy 149**Literature review 150***III. Environment**

152

Introduction 152*Governmental structure for environmental politics 152**Definition of the environment 155**Importance of environmental issues 157***Pollution 158***Air pollution 159**Water pollution 162**Noise 163**Global warming 163***Conservation/environmental protection 164***Public health 164**European environmental policy 165**Waste 168**Recycling 170**Sustainable growth 171***Renewables 175***Water 175**Solar 177**Wind and other 178***Literature review 180****Environment: conclusion 183****IV. Conclusion**

187

The oil crisis and European integration 187***Britain and Europe 190******Literature critique 193******The Commission as the “brains” of the Community 197******Outlook 198****Notes*

203

Bibliography

271

Index

279