Contents

List of figures ix
List of tables x
Preface xiii
Glossary and abbreviations xiv
Map: The European economy in 1814 xviii–xix

Part I Introduction
1 Ideology, technology and economic policy 3

Part II The Construction of the New European Infrastructure c.1830–1914
2 Infrastructure development and rights of way in the early nineteenth century 15
3 Local supply networks, private concessions and municipalisation 33
4 Railways and telegraph: economic growth and national unification 59
5 Electricity supply, tramways and new regulatory regimes c.1870–1914 76

Part III Nations and Networks c.1914–1945
6 Infrastructure development from the nineteenth to the twentieth century: an overall perspective 91
7 The development of telecommunications 99
8 Network integration in electricity supply: successes and failures 111
9 Railway finances and road–rail competition 146
vi Contents

Part IV State Enterprise c.1945–1990

10 The new state, economic organisation and planning 171
11 Coal, oil and security 208
12 Airline regulation and the transport revolution 231
13 Telecommunications 1950–1990: from calm to storm 244
14 Economic policy, financial accountability and productivity growth 257

Part V Conclusions

15 The road to deregulation and privatisation? 287

Appendix: Infrastructure service levels and public ownership c. 1910: a statistical analysis 300

Bibliography 305
Index 344