

Balancing the future of Europe's coasts

— knowledge base for integrated management



Contents

Acknowledgements	4
Executive summary	5
1 Introduction	7
1.1 Purpose and scope of this report.....	7
1.2 Europe's coastal areas: a diverse and important asset	8
2 Marine and maritime sustainable growth.....	12
2.1 Economic drivers of coastal development	12
2.2 Maritime activities and sustainability challenges at the coast.....	15
2.3 Maritime spatial planning (MSP).....	24
3 Ecosystem-based management and adaptation: priority for the coasts	27
3.1 Assessing the state of coastal ecosystems.....	27
3.2 Working with nature — reducing the risks	30
3.3 Adapting to climate change	35
3.4 Integrated coastal planning and management approach.....	37
4 Formation of a new integrated policy framework	39
4.1 From conceptual framework to integrated plans and strategies.....	39
4.2 Outlook and uncertainties	43
5 Knowledge base for integrated management.....	44
5.1 Call for innovative assessment methods.....	44
5.2 Improved data integration and sharing	50
Abbreviations and acronyms	53
References	55