

| Nr. | Chapter / section | Page length (main text + references) | | Main changes compared to 2012 EEA CCIV report |
|-----|--|---|-----------|--|
| | | 2016 CCIV | 2012 CCIV | |
| ES | Executive summary | 19+1 | 15+0 | More information on policy background |
| 1 | Introduction | 19+4 | 17+3 | Significantly restructured chapter |
| 1.1 | Purpose and scope | 6 | 6 | |
| 1.2 | Global emission and socio-economic scenarios | 7 | 6 | |
| 1.3 | Uncertainty in observations and projections | 3 | 3 | |
| 1.4 | Concepts of vulnerability and risk | 3 | 4 | |
| 2 | Global and European policy context | 11+2 | | New chapter |
| 3 | Changes in the climate system | 44+13 | 40+9 | |
| 3.1 | Human influence on the climate system | 8+2 | 5+1 | More information on GHG concentrations and on extremes |
| 3.2 | Atmosphere | 21+5 | 19+3 | New indicator (hail) |
| 3.3 | Cryosphere | 15+6 | 16+6 | |
| 4 | Climate change impacts on environmental systems | 84+29 | 69+19 | More on policy context |
| 4.1 | Oceans and marine environment | 16+5 | 12+3 | Merged with former sections on fisheries; new indicator (ocean oxygen content) |
| 4.2 | Coastal zones | 12+4 | 11+3 | |
| 4.3 | Freshwater systems | 19+5 | 15+5 | More information on droughts and on flood impacts |
| 4.4 | Terrestrial ecosystems, soil and forestry | 30+12 | 30+10 | Merged with former sections on soil and on forests |
| 4.5 | Ecosystems and their services under climate change | 6+1 | | New section |
| 5 | Climate change impacts on society | 78+22 | 44+13 | Most sections significantly expanded |
| 5.1 | Impacts of climate-related extremes | 9+2 | 4+1 | Expanded section (around new CSI) |
| 5.2 | Human health | 24+9 | 18+6 | New indicator on food- and water-borne diseases; expanded information about vector-borne diseases and impacts of extreme temperature |
| 5.3 | Agriculture | 21+4 | 14+2 | New section on livestock impacts; extensive case study (MACSUR) |
| 5.4 | Energy | 10+2 | 4+1 | Expanded indicator on heating and cooling degree days; new section on energy infrastructure; case study (TopDad) |
| 5.5 | Transport | 9+2 | 4+1 | Much more information on impacts of climate extremes; separate section for each major transport mode |
| 5.6 | Tourism | 4+2 | 4+1 | |
| 6 | Multi-sectoral vulnerabilities and risks | 45+14 | 24+4 | Significantly expanded chapter |
| 6.1 | Socio-economic scenarios for Europe | 5+1 | | New section |
| 6.2 | Multi-sectoral impacts and vulnerabilities across Europe | 10+1 | 9 | |
| 6.3 | Projected economic impacts of climate change in Europe | 5+2 | 6 | |
| 6.4 | Vulnerability to climate change impacts outside Europe | 6+3 | | New section |
| 6.5 | Vulnerability to climate change in European macro-regions | 12+5 | | New section |
| 6.6 | Vulnerability to climate change in urban regions | 6+2 | 6 | |
| 7 | Strengthening the knowledge base | 14+2 | 9+0 | Significantly expanded chapter |
| 7.1 | Climate change data and services | 3 | 2 | |
| 7.2 | Climate change impacts | 3 | | New section |
| 7.3 | Climate change adaptation monitoring, reporting and evaluation | 1 | | New section |
| 7.4 | Other relevant global and EU indicator sets | 1 | 5 | |
| 7.5 | Knowledge gaps | 1 | | New section |
| 7.6 | Climate change impacts and adaptation research | 3 | 2 | |
| 8 | Abbreviations and acronyms | 8 | 7 | |
| 9 | References | 86 | 48 | New topics and considerable expanded literature reviews |

WHOLE REPORT

330+85

250+50

Changed page layout (key messages always on top): 20 pp.
Policy context: 15-20 pp.
New and expanded indicators/topics: 20-30 pp.
Case studies: 5-10 pp.
Ecosystem services: 5-10 pp.
Review of vulnerability assessments: 30 pp.
More on knowledge base: 5-10 pp.

Minor change (<25%)

Significant increase (25–50%)

Large increase (>50%)

New section