Introduction	6
Key messages of the Report	
Planetary boundaries	
Climate change in Czechia	28
Temperature and precipitation conditions	29
Occurrence of drought and flooding, run-off conditions and groundwater state	31
1 Environment and health	35
11) Water availability and quality	35
1.1.1 Surface water quality 1.1.2 Groundwater quality 1.1.3 Drinking water supply to the population 1.1.4 Waste water treatment and discharge 1.1.5 Efficient use of water	39 39 40 41
12 Air quality	43
1.2.1 Emissions of air pollutants 1.2.2 Air quality situation	/1/1
13 Exposure of the population and the environment to hazardous substances	51
1.3.1 Emissions and spills of hazardous chemicals 1.3.2 Contaminated sites	54
12 Noise pollution and light pollution	
1.4.1 Noise pollution burden of the population and ecosystems 1.4.2 Brightness of the night sky	56 58
Society preparedness for and resilience to emergencies	60
1.5.1 Preparedness for weather extremes 1.5.2 Impact of emergencies and crisis situations 1.5.3 Origin of emergencies	61 64 67
1.6 Adapted settlements	68
 1.6.1 Adaptation of settlements to climate change 1.6.2 Conceptual development of settlements and use of brownfields 1.6.3 Water management system in settlements 1.6.4 Quality of greenery in cities 	69 70 72 74

2 Climate neutral and circular economy	76
21) Transition to climate neutrality	76
2.1.1 Greenhouse gas emissions 2.1.2 Energy efficiency 2.1.3 Renewable energy sources	77 83 85
22 Transition to a circular economy	87
2.2.1 Material intensity of the economy 2.2.2 Waste prevention 2.2.3 Compliance with the waste treatment hierarchy	88 90 92
3 Nature and landscape	94
3 Ecological stability of the landscape and sustainable land management	94
3.1.1 Water retention in the landscape3.1.2 Soil degradation3.1.3 Non-productive functions and ecosystem services of the landscape	96 97 102
32 Biodiversity	107
3.2.1 State of habitats, species and landscapes 3.2.2 Protection and care of the most valuable parts of nature and landscape 3.2.3 Invasive species 3.2.4 Wildlife conservation in human care	108 111 112 113
Financing environmental protection	114
Public expenditure on environmental protection Investments and non-investment costs in environmental protection	115 118
Opinions and attitudes of the Czech public	120
Regular representative survey of public opinion on Czech society's relationship with the environment Irregular representative survey of public opinion on the relationship of Czech society to the environment	121 123
Assessment methodology for trends and state	126
List of abbreviations	128