DIN EN ISO 14090:2020-02 (E)

Adaptation to climate change - Principles, requirements and guidelines (ISO 14090:2019)

Contents

Page

European foreword **4**

Foreword **5**

Introduction **6**

1 Scope **8**

2 Normative references **8**

3 Terms and definitions **8**

4 Principles **11**
4.1 General 11
4.2 Change-oriented perspective 11
4.3 Flexibility 11
4.4 Mainstreaming and embedding 11
4.5 Robustness 11
4.6 Subsidiarity 12
4.7 Sustainability 12
4.8 Synergy between adaptation and mitigation of climate change 12
4.9 Systems thinking 12
4.10 Transparency 12
4.11 Accountability 12

5 Pre-planning **12**

6 Assessing climate change impacts including opportunities **13**
6.1 General 13
6.2 Impact assessment methods 15
6.2.1 General 15
6.2.2 Risk assessment 15
6.2.3 Vulnerability assessment 16
6.2.4 Thresholds analysis 16
6.3 Assessing adaptive capacity 16
6.4 Identifying opportunities 17
6.5 Identifying uncertainties 17

7 Adaptation planning **17**
7.1 General 17
7.2 Policy, strategy and planning context 18
7.3 Decision-making 19
7.3.1 General 19
7.3.2 Identification of climate change adaptation actions 19
7.3.3 Decision-making approaches 20
7.3.4 Short, medium and long lifespan decisions 20
7.4 Adaptation plan 21
7.4.1 General 21
7.4.2 Scope of the plan and boundaries of the system 21
7.4.3 Baselines 22
7.4.4 Climate change information 22
7.4.5 Impacts 22
7.4.6 Adaptive capacity 22
7.4.7 Climate change adaptation actions 22

7.4.8 Implementation, monitoring and evaluation, reporting and communication 23
7.4.9 Interested parties' engagement 23
8 Implementation 23
8.1 Leadership and commitment 23
8.2 Implementation plan 23
9 Monitoring and evaluation 24
10 Reporting and communication 25
Annex A (informative) **Using systems thinking to set boundaries for climate change adaptation 27**
Annex B (informative) **Thresholds analysis 31**
Bibliography 34