

# ISO 14007:2019-10 (E)

## Environmental management - Guidelines for determining environmental costs and benefits

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>1</b>
<b>3.1</b>	<b>Organizations and the environment .....</b>	<b>1</b>
<b>3.2</b>	<b>Environmental economics and finance .....</b>	<b>4</b>
<b>4</b>	<b>Principles .....</b>	<b>6</b>
<b>4.1</b>	<b>General .....</b>	<b>6</b>
<b>4.2</b>	<b>Accuracy .....</b>	<b>6</b>
<b>4.3</b>	<b>Completeness .....</b>	<b>6</b>
<b>4.4</b>	<b>Consistency .....</b>	<b>6</b>
<b>4.5</b>	<b>Credibility .....</b>	<b>6</b>
<b>4.6</b>	<b>Relevance .....</b>	<b>6</b>
<b>4.7</b>	<b>Transparency .....</b>	<b>6</b>
<b>5</b>	<b>Planning .....</b>	<b>6</b>
<b>5.1</b>	<b>General .....</b>	<b>6</b>
<b>5.2</b>	<b>Defining the purpose of determining environmental costs and benefits .....</b>	<b>7</b>
<b>5.3</b>	<b>Determining relevant sources and types of information .....</b>	<b>8</b>
<b>5.4</b>	<b>Defining the scope .....</b>	<b>8</b>
<b>5.4.1</b>	<b>General .....</b>	<b>8</b>
<b>5.4.2</b>	<b>Qualitative assessment .....</b>	<b>9</b>
<b>5.4.3</b>	<b>Quantitative non-monetary assessment .....</b>	<b>10</b>
<b>5.4.4</b>	<b>Quantitative monetary assessment .....</b>	<b>10</b>
<b>5.4.5</b>	<b>Distinguishing internal from external environmental costs and benefits .....</b>	<b>10</b>
<b>5.4.6</b>	<b>Considerations when determining environment-related internal costs and benefits .....</b>	<b>10</b>
<b>5.5</b>	<b>Planning actions to determine environmental costs and benefits .....</b>	<b>11</b>
<b>6</b>	<b>Determining environmental costs and benefits .....</b>	<b>11</b>
<b>6.1</b>	<b>General .....</b>	<b>11</b>
<b>6.2</b>	<b>Qualitatively assessing environmental costs and benefits .....</b>	<b>12</b>
<b>6.3</b>	<b>Quantifying environmental costs and benefits in non-monetary terms .....</b>	<b>12</b>
<b>6.4</b>	<b>Quantifying environmental costs and benefits in monetary terms .....</b>	<b>13</b>
<b>6.4.1</b>	<b>General .....</b>	<b>13</b>
<b>6.4.2</b>	<b>Environmental damage costs and environmental benefits .....</b>	<b>13</b>
<b>6.4.3</b>	<b>Environment-related internal costs and benefits .....</b>	<b>15</b>
<b>6.5</b>	<b>Quality check .....</b>	<b>18</b>
<b>7</b>	<b>Application, reporting and continual improvement .....</b>	<b>18</b>
<b>7.1</b>	<b>Remarks on environmental costs and benefits used in specific applications .....</b>	<b>18</b>
<b>7.1.1</b>	<b>General .....</b>	<b>18</b>
<b>7.1.2</b>	<b>Cost-benefit analyses .....</b>	<b>19</b>
<b>7.1.3</b>	<b>Aggregating environmental costs and benefits .....</b>	<b>19</b>
<b>7.2</b>	<b>Reporting .....</b>	<b>20</b>
<b>7.3</b>	<b>Continual improvement .....</b>	<b>20</b>
<b>Annex A (informative)</b>	<b>Flow chart on determining environmental costs and benefits .....</b>	<b>21</b>
<b>Annex B (informative)</b>	<b>Examples of selected terms and concepts .....</b>	<b>23</b>
<b>Bibliography .....</b>		<b>25</b>