

# ISO 21931-1:2010-06 (E)

## Sustainability in building construction - Framework for methods of assessment of the environmental performance of construction works - Part 1: Buildings

---

<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>2</b>
<b>4</b>	<b>Principles for assessment of the environmental performance of buildings .....</b>	<b>3</b>
<b>4.1</b>	<b>General .....</b>	<b>3</b>
<b>4.2</b>	<b>Purpose of assessment .....</b>	<b>5</b>
<b>4.3</b>	<b>Relevance of local contexts .....</b>	<b>5</b>
<b>5</b>	<b>Framework for methods of assessment of environmental performance of buildings .....</b>	<b>6</b>
<b>5.1</b>	<b>General .....</b>	<b>6</b>
<b>5.2</b>	<b>Assessment method documentation .....</b>	<b>6</b>
<b>5.3</b>	<b>Purpose of the method .....</b>	<b>7</b>
<b>5.4</b>	<b>System boundary .....</b>	<b>7</b>
<b>5.5</b>	<b>Statement of assumptions and scenarios .....</b>	<b>7</b>
<b>5.6</b>	<b>List of issues for assessment .....</b>	<b>8</b>
<b>5.7</b>	<b>Building life cycle .....</b>	<b>10</b>
<b>5.8</b>	<b>Methods for quantification of environmental performance of buildings .....</b>	<b>12</b>
<b>5.9</b>	<b>Sources of information .....</b>	<b>14</b>
<b>5.10</b>	<b>Evaluation of assessment results .....</b>	<b>15</b>
<b>5.11</b>	<b>Assessment report .....</b>	<b>15</b>
<b>Annex A (informative)</b>	<b>Consideration of social aspects, such as health and comfort, related to the indoor and local outdoor environment .....</b>	<b>17</b>
<b>Annex B (informative)</b>	<b>Extent and application of the assessment method .....</b>	<b>18</b>
<b>Annex C (informative)</b>	<b>Relationships between environmental aspects, impacts, issues and characteristics of the building .....</b>	<b>21</b>
<b>Annex D (informative)</b>	<b>Graphical illustration of correlation and mapping of environmental issues to different life-cycle stages .....</b>	<b>24</b>
<b>Bibliography .....</b>		<b>26</b>