



EBBC Round Table: Key Data and Indicators for Biodiversity Frankfurt, 27.03.2013

EBBC Key Data and Indicators (selection)

Characteristics

- Key data /indicators for companies of all economic sectors
- Key data /indicators with focus on the direct and indirect impacts of the company on biodiversity including ecosystems and their ecosystem services
- Key data /indicators do not measure the risks and opportunities nor the economic value of ecosystem services for the company
- Based on the requirements of the environmental management systems EMAS and ISO 14.001. They contribute to the integration of biodiversity into existing management systems.
- The key data/indicators are designed for companies to track their progress regarding biodiversity protection. To enable a comparison between companies, many indicators should be normalised, for example by expressing the indicators per product unit.
- Environmental aspects such as energy consumption, water consumption or emissions are “traditionally” included in Environmental Management Systems. Targets and key data /indicators have been identified to improve the environmental performance and therefore reduce the negative impact on biodiversity caused by climate change, emissions /pollution or overexploitation of natural resources such as water.
- Structured according to the main functional units of a company and to the main drivers of biodiversity loss:

Functional units

- Strategy /Management
- Stakeholders
- Headquarters /premises/ Real estate
- Procurement / Supply Chain /Raw Material
- Product Development and Manufacturing
- Transport and Logistics
- End product /Services
- Marketing /Communication
- Human Resources

Main drivers of biodiversity loss

- - Habitat change /destruction
- - Overexploitation of natural resources
- - Climate Change
- - Emissions /Pollution
- - Invasive Alien Species (neobiota)

Applicability

Green = Application of key data /indicator is relatively easy

Yellow = Application of key data /indicator is still challenging (e.g. data missing, suppliers unknown, company has no /low influence)

Strategy /Management – Indications

- **Are you using an Environmental Management System? Does biodiversity play a role in this management system or another management system (e.g. sustainability or quality management)?**
- **Do you apply the mitigation hierarchy when managing your negative biodiversity activities?**
- **Do you comply with all relevant environmental legislation?**
- **Do you monitor and evaluate your impact on biodiversity on a regular basis?**
- **Do you evaluate your suppliers' biodiversity engagement and/or performance?**
- **Does your company consider biodiversity with regard to financial investments or involvement in other companies?**
- **Are there any activities to compensate negative impacts on biodiversity and/or to restore affected ecosystems?**
- **Do you have a strategy/ programme to guarantee the fair and equitable sharing of benefits arising from the use of genetic resources?**

Green: These questions are easy to convert into indicators. They provide a good indication about the significance the company gives to biodiversity

Yellow: No indication about the quality of measure

Stakeholders – Key Data / Indicators

Number of projects / collaborations with stakeholders to address biodiversity issues

Budget for projects / collaborations with stakeholders to address biodiversity issues in comparison to total budget
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Procedure /instruments in place to analyse biodiversity related feedback from costumers, stakeholder, suppliers (quality indicator)
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% of objectives of projects/collaborations with stakeholders to address biodiversity issues achieved

Head Quarters /Premises /Real Estate – Key Data /Indicators

Inventory on land or other areas, owned, leased or managed by the company in or adjacent to protected areas or areas of high biodiversity value (*1) yes /no + area size (m², ha)
Area of land or other areas, owned, leased or managed by the company with an implemented nature protection management plan (ha)
Identification of 1 - 2 key species /indicator species of the region
Long-term monitoring of population dynamics of key species implemented
Inventory of ecologically valuable areas or other areas, owned, leased or managed by the company (including classification according to ecological value and intensity of use)
Plan for biodiversity friendly gardening in place for premises or other areas, owned, leased or managed by the company yes /no
Size of areas under biodiversity friendly management in comparison to total area of company sites (%)
Size of green roofs and/or facade greening (m²)
Total size of restored habitats and/or areas to compensate for damages to biodiversity caused by the company (ha) in comparison to land used by the company (ha)
Study regarding the presence of invasive alien species on land or other areas, owned, leased or managed by the company. (yes/no)
Action Plan in place to remove invasive alien species (yes/no)
Management plan in place for water resources for land or other areas, owned, leased or managed by the company in regions with water scarcity (yes/no)

(*1) Consequence: land in or adjacent to protected areas or areas of high biodiversity value should have an implemented nature protection management plan!

Procurement /Supply Chain /Raw material – Key Data /Indicators

Risk assessment of most important* raw material and /or natural resources used by the company regarding potential impacts on biodiversity

Impacts on habitats and species related to the extraction, cultivation or collection of raw materials and/or natural resources on behalf of the company:

Number of raw materials /natural resources analysed in comparison to the total number of raw materials /natural resources used by the company

Restoration and /or compensation:

Size of restored and/or areas to compensate for damages to biodiversity in comparison to area (ha) used for sourcing

% of suppliers contacted regarding biodiversity protection

% of suppliers analyzed regarding biodiversity protection

% of suppliers with certification (environmental management system, label)

% of suppliers minimising their negative impact on native species

Use of natural resources from protected areas compared with the total number of resources

Use of natural resources from areas with EU Agri-Environmental Schemes compared with the total number of resources

Use of natural resources from areas with water scarcity:

Size of areas suffering water scarcity with water management plan in place, compared to total number of areas with water scarcity (%)

Use of natural resources from areas with erosion problems:

Size of areas suffering from erosion risk with an anti-erosion action plan in place, compared to total size of area with erosion risk (%)

***Defined by use, weight, origin, sales, substitutability**

Product Development and Manufacturing – Key Data /Indicators

Direct and indirect impacts of production processes on biodiversity.
Assessment framework in place?
% of products analyzed?

Measures to reduce impacts:
Indicators of Environmental Programme /Action plan of Environmental Management System

Restoration and /or compensation:
Size of the restored area and/or the area to compensate for damages to biodiversity in comparison to total area affected (ha)

Reduction of emissions, water and energy consumption:
Indicators of Environmental Programme /Action Plan of Environmental Management System

% of products derived from / containing GMOs

Logistics and Transport – Key Data /Indicators

Impacts of roads, and other transport ways (conveyor belts, pipelines):
Assessment framework in place? (yes, no)
Biodiversity Impact Assessment realized?

Kilometres travelled per product (number to be calculated with different weighting for different ways of transportation)

Number of environmental incidents

% of service providers contacted regarding biodiversity protection

% of service providers with certification (environmental management system, label)

% of suppliers with programme in place to reduce risks of environmental accidents

% of transport companies with measures against expansion of invasive alien species, e.g. ballast water filter systems for shipping transports.

End Product /Services – Key Data /Indicators

**Direct and indirect impacts on habitats /species:
Assessment framework in place? Number and share (%) of products analyzed.**

Initiatives to mitigated environmental impacts of products and services, and extent of impact mitigation (GRI EN26)

**Energy, greenhouse gases, waste water, noise or air pollution:
% of products analysed (Life-Cycle-Assessment)**

**Reduction of impacts:
See indicators of Environmental Programme /Action Plan of Environmental Management System**

% of products which can be reused or recycled compared to all products

**Impact on biodiversity of packaging and their disposal:
% of products analyzed**

Marketing /Communication – Key Data /Indicators

Number of relevant GRI standards on biodiversity fulfilled

Information on biodiversity for costumers /public: Number of persons reached

**Information on biodiversity for costumers /public: Monitoring in place.
Analysis of feedback received**

Product information for final customer includes information about impact of the product on biodiversity (quantity and quality of information)

Human Resources – Key Data /Indicators

Employee volunteering projects: Number and share of employees participating in nature conservation / biodiversity project

Capacity building on biodiversity: Number and share of employees trained

Qualification of employees responsible for company units with risks for biodiversity compared to total number of employees in this unit

Number of qualified employees responsible for company units with risks for biodiversity compared to total number of employees in this unit

Gefördert durch /supported by:



Projektpartner /project partner:



For more information visit our website: www.business-biodiversity.eu

