Making company sustainability reporting more efficient with SoFi

Web-based collection, analysis and reporting of sustainability data
Sustainability reporting is a growing market
Sector Mining & Metals well represented in sustainability reporting activities

Key principles
... towards straightforward and credible sustainability reporting:
  Report on essential aspects using verified facts based on sound data basis...
  Indicators: Quality beats quantity
  Reports: Avoid catchword games and copy & paste updating

... in terms of reporting:
  Transparency
  Accountability
  Credibility
Sustainability Key Performance Indicators (KPIs) are…

- relevant
- quantitative, but as well as qualitative
- comparable
- comprehensible
- targeted
- well-balanced
- up-to-date
The ideal sustainability KPI system:

- **Robust**: to enable comparisons through time and space
- **Universal**: to feed different standards (e.g. ISO, GRI, SAM,...)
- **Flexible**: to comply with changing standards
- **Sector specific**: to meet the point and allow benchmarking
The ideal sustainability KPI system:

...supported by, considering and following

→ external standards, e.g. frameworks, sector specific recommendations, ...

GRI G3 --- ISO 14001 --- SA 8000
--- SAM --- DJSI --- AA 1000 ---

→ Internal standardisation, e.g. analysis, reporting and benchmarking activities
The sustainability software SoFi is covering the following fields of application

- Environmental and health & safety management
- Corporate sustainability reporting
- Risk management
- Compliance management
Web based application:
Corporate wide data collection, but centralized analysis of results and data administration

Comprehensive data pool:
Quantitative and qualitative data covering the social/economic/ecological dimension
Sophisticated user administration:
Active involvement of all needed company experts by giving restricted, but focussed access to the system

Controlling:
Definition of user-oriented tasks, monitoring and control of workflow status
The SoFi Software: Basic principles

- **Result analysis:**
  Tables, graphs, time series, benchmarking, etc. on a mouse click

- **Reporting:**
  Publication and distribution of reports to the management, to data providers, to public, to authorities as well as to support rating questionnaires
1. Define the fields of data collection

- Quantitative data positions, e.g. energy consumption, waste, ...
- Qualitative Information, e.g. questions on processes, ...
- Indicators, created individually on data (to be) collected
- Degree of detail
- Definition of level of detail of data collection
- Automatic flow property calculation, e.g. on environmental impacts, emissions, ...
  based on consumption values (e.g. CO2-emissions, C-content)
1. Define the fields of data collection

2. Specify company sites, assign required fields of data collection...

... and define responsibilities for data collection per site / user
As the responsible person on location, you log into SoFi...

...select the location and the range of subjects...

...enter the data into the desired unit...save.

Warning of tolerance violations

Acquisition cycle as desired

Excel-interface

Free choice of unit

...and additional features such as attaching files, comments, ...
Graphic and tabular evaluation with few steps...

The SoFi Software: Evaluation

Consumption and Emissions
Portions as a pie chart
Key indicators
Development of costs
Comparison of locations
Tabular overview of consumption
...for fast answers to requests of management, auditors, colleagues or stakeholders.

...or complete reports (e.g. rating questionnaires) on a mouse click...

The SoFi Software: Data Analysis and Reporting

GRI Disclosure items
GRI economic performance
GRI environmental performance
GRI human rights
GRI society
GRI product responsibility
GRI Labor
Management Review
Energy report
Audit - energy benchmark
Audit - site benchmark

Reporting Format - GRI Labor (PE Consulting Group)

1. LA 1 Workforce by employment type

<table>
<thead>
<tr>
<th>Value</th>
<th>Percentage</th>
</tr>
</thead>
</table>
| Manager     | 1,250.00 Employees | 10.4 %
| Worker      | 10,760.00 Employees | 89.6 %
| Total       | 12,010.00 Employees |          |

3. LA 2 Rate of employee turnover by age group and gender

<table>
<thead>
<tr>
<th>Turnover</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>women</td>
<td>1.38 %</td>
</tr>
<tr>
<td>turnover rate &lt; 30</td>
<td>0.93 %</td>
</tr>
<tr>
<td>turnover rate &gt; 30</td>
<td>%</td>
</tr>
<tr>
<td>turnover &gt; 50</td>
<td>1.33 %</td>
</tr>
<tr>
<td>turnover &gt; 60</td>
<td>0.94 %</td>
</tr>
<tr>
<td>turnover &gt; 65</td>
<td>0.62 %</td>
</tr>
</tbody>
</table>

8. LA 8 Prevention and risk control programs

9. LA 11 Average hours of training per year per employee
Communicate with your colleagues using workflow tools in SoFi...

...or publish results online - internally or for public use
Conclusion

- Supporting and simplifying the day-to-day work on sustainability-related issues strengthens company’s approach towards a sustainable development.

- Gathering data only once, but addressing a variety of different questions, reporting and analysis needs companies have to deal with.

- Ensuring consistency via centralised administration, but decentralised, corporate-wide data collection.

- Increasing data quality by features such as differentiated user administration, sophisticated user guidance, controlling of the workflow, …

- Raising awareness and interest within the companies/sites by providing (individual) feedback on the motivation behind, on the status of the data collection as well as on the result analysis.
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