

Fact sheet of the Green IT Special Interest Group of the Swiss Informatics Society

Introduction:

The Green IT Special Interest Group (SIG) is a vibrant community within the Swiss Computer Society (SI) which focuses on improving the sustainability of Information and Communication Technologies as well as supporting greater energy efficiency by leveraging ICT. The group brings together the experience and expertise of over 40 dedicated ICT professionals, environmentalists and energy experts who share their knowledge within the group as well as to the broader Swiss Community. The services offered by the Green IT SIG - which were all developed by the members on a voluntary basis - are listed on <http://www.greenit.s-i.ch>. In order to continue to enhance these services, we need additional external help. This is in particular the case for the free web services offered to companies and society.

Financing:

To cover the cost of these services the SIG decided to set new membership fees as follows:

- Large companies (sales > 3 million CHF): CHF 3,000 / year (incl. SI contribution of 260)
- Companies with sales between 500k CHF and 3 million CHF: CHF 750 / year (including SI contribution of 260)
- Small businesses (sales < 500k CHF): CHF 330 / year (including SI contribution of 260)
- Individuals: CHF 150 / year (incl. SI contribution of 80)
- Students: CHF 35 / year (incl. SI contribution of 25)
- Departments of public administration (determined on a case by case basis)

Benefits:

The following benefits are available to SIG members:

- The option to delegate up to 5 employees to events of the SI and Green IT SIG
- Assess the sustainability of the ICT organisation with the available assessment services on the website and with advisory support of SIG colleagues
- Use the catalog of potential actions resulting from the analysis to increase organizational sustainability
- Use, complement and multiply the wealth of experience of the Green IT SIG
- Access to state of the art knowledge relating to new techniques to reduce CO2 footprints in ICT operations
- Access to key influencers in the domain, spanning senior management of large companies, government institutions and political parties
- Use of a Green IT SIG member for presentations to internal company events
- Placement of company logo on the Green IT website

Membership in the Green IT SIG is repaid in many ways. Members will be the future champions who will lead their company to greater energy efficiency and sustainability with the available ICT tools. Companies and administrations will be rewarded by greater cost efficiency and still more enthusiastic and loyal employees.

Confirmation of Green IT SIG membership:

For 2015, the members will be billed with the new rates in accordance with the decision of the annual meeting of the SIG.

Green IT SIG

President	Head of Finance Team
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Addendum: Sustainability of Information and Communication Technologies

Recent studies show that ICT including consumer electronics account for about 4% of the total CO₂ emissions in the EU. About 10% of the total electricity consumption in the EU falls on the ICT sectors, in Switzerland, this proportion is likely to be even greater. According to a recent study data centers alone consume about 3% of total electricity consumption in Switzerland and provide a savings potential of about 280 GWh. The imported grey energy of mobile devices such as laptops, pads and smart phones is already a multiple of the energy used in the usage phases of these devices. With the appropriate measures the energy efficiency of ICT can be improved in many cases by more than 30%.

The assessments and measures described by the Green IT SIG allow any company or household to identify and measure the level of sustainability in the ICT sector and start the improvement process. In addition to reducing the CO₂ footprint, real savings in hardware, software, and energy can be achieved.

As well as achieving making the ICT sector more energy efficient, GreenIT has the much greater potential to increase the use of renewable energy and increase energy efficiency in almost every industrial and business area based on a much deeper understanding of energy consumption as combined with more advanced dynamic control mechanism. Today's leading ICT applications can reduce CO₂ emissions by 15-20% within a few years. The main focal areas where significant gains can be made are the energy sector itself, as well as the building automation sector, transportation and industrial electronics (motors).