

# Topten inkjet printers and multifunctionals



Photo courtesy of [desinformado.com](http://desinformado.com)

## Guidelines for Frontrunner Public Procurers

### What is Topten?

Topten is a European web portal helping buyers to find **the most energy efficient products available in Europe**.

The inkjet printers and multifunctionals displayed on [www.topten.info](http://www.topten.info) all meet the criteria contained in these guidelines. So procurers can ascertain that there is a sufficient range of products available on the market.

On [www.topten.info](http://www.topten.info) you'll also find links to national topten sites of a large number of European countries. [www.topten.info](http://www.topten.info)

The European Commission's **GPP website** also contains valuable legal and practical guidance together with procurement criteria for a range of commonly procured products and services.

<b>Product group covered:</b>	All inkjet printers and inkjet multifunctional devices
<b>Product availability:</b>	All products listed at <a href="http://www.topten.info">www.topten.info</a> meet the criteria listed below
<b>Potential energy savings:<sup>1</sup></b>	An inefficient inkjet multifunctional has a consumption of 7.3W in Sleep mode, while Topten inkjet products have a maximum of 2W. The best Topten product has a Sleep mode consumption of 0.5W only.
<b>Potential cost savings:<sup>1</sup></b>	The average electricity costs for the most efficient inkjet printers are <b>28%</b> of those of an inefficient model, for multifunctionals less than <b>15%</b> .  Compared to inefficient products, an efficient printer can save electricity costs of about €16 over 5 years, an efficient multifunctional up to €45 <sup>2</sup> .

<sup>1</sup> These represent rough figures comparing the best product currently available, with an inefficient model – see [www.topten.info](http://www.topten.info) for more details.

<sup>2</sup> Based on an electricity price of €0.15/kWh

## Procurement criteria – Updated: March 2010

The following criteria can be inserted directly into tendering documents. The specifications are updated continuously. The newest versions are always available at [www.topten.info](http://www.topten.info)

<b>Subject matter:</b>	The purchase of energy efficient inkjet printers and multifunctional devices
<b>Technical specifications:</b>	<ol style="list-style-type: none"> <li>All products must meet the latest criteria of the ENERGY STAR Programme Requirements for Imaging Equipment. <i>Verification:</i> Products carrying the ENERGY STAR label will be deemed to comply. Alternatively bidders may demonstrate compliance with the above requirements by another objective third-party means or by supplying test results in respect of their product demonstrating that the criteria are met.</li> <li>Energy consumption in “Sleep” mode, according to the ENERGY STAR definition, must not exceed 2 W</li> <li>Energy consumption in “Off” mode must not exceed 1 W. “Off” mode is when the device is switched off but not disconnected. <i>Verification:</i> Bidders must supply test results demonstrating that criteria 2 &amp; 3 are met</li> </ol>
<b>Award/evaluation criteria (optional):</b>	X% of the total marks available will be given to products equipped with an automatic double-sided copying function (duplex unit).

### Notes on implementation

- Duplex printing: Printing double-sided can save even more energy than choosing an energy efficient printer. The manufacture of paper consumes a considerable amount of energy, therefore reducing paper consumption by printing on both sides contributes to energy saving.
- Using award/evaluation criteria: The exact model used for evaluating compliant tender bids will vary from authority to authority. If you apply this criteria however, it should be given a significant weighting (at least 10-15%) in the evaluation scheme.

### Advice and support

If you would like further assistance in using the information presented here in your own procurement actions or more information on Topten Pro please contact the Procura+ team at:

[Procurement@iclei.org](mailto:Procurement@iclei.org)

+49 761 368 9244

An expression of interest form is also available on [www.topten.info/pro](http://www.topten.info/pro) for public authorities who would like support to apply these criteria in an upcoming procurement process.

**Procura+**  
Sustainable  
Procurement  
Campaign



#### What is Procura+?

Procura+ is an initiative designed to support public authorities in implementing Sustainable Procurement. The campaign is run by ICLEI – Local Governments for Sustainability – and is the Topten partner for public authorities.

[www.procuraplus.org](http://www.procuraplus.org)