

Media release

## **Tetra Pak unveils COMET's innovative e-beam technology at Anuga 2012**

**Flamatt, March 29, 2012.** The eco-friendly e-beam sterilization technology, jointly developed by Tetra Pak and COMET, and winner of the prestigious Swiss Technology Award, is being shown to the public for the first time at Anuga Foodtec 2012. This major milestone also underlines the COMET Group's leadership in technology and innovation.

The compact e-beam technology offers an efficient, non-contact and dry means of sterilization. Field trials are underway to validate the technology's suitability for filling machine applications. If subsequent commercial development goes as planned, Tetra Pak hopes to be able to integrate the compact e-beam into a new generation of filling machines.

Tetra Pak has revealed the potential advantages of this technology. These include reduced operational costs, improved environmental performance and simplified customer operations. COMET's innovative e-beam technology opens multiple opportunities in a broad range of applications where sterilization is required.

"The demonstration of e-beam technology by Tetra Pak at the world's foremost food and beverage technology trade fair is a key milestone in the joint development project between COMET and Tetra Pak," explains Ronald Fehlmann, CEO of the COMET Group. "This landmark development highlights our innovation capabilities and strengthens our position as technology leader in sterilization using electron beam. Together with Tetra Pak, we will now concentrate on e-beam system integration, industrial validation and the subsequent rollout."

With e-beam technology, surfaces can be sterilized by dry and non-contact electrons. This process has the potential to replace numerous sterilants. COMET sees additional promising applications for its award-winning e-beam source in the longer term, especially in the pharmaceutical industry.



Technology with Passion

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## Further information

- Media release by Tetra Pak  
[http://www.tetrapak.com/about\\_tetra\\_pak/press\\_room/news/Pages/Tetra\\_Pak\\_at\\_Anuga.aspx](http://www.tetrapak.com/about_tetra_pak/press_room/news/Pages/Tetra_Pak_at_Anuga.aspx)
- e-beam brochure: <http://www.comet-xray.com/Resourcen/Datenblatt/e-beam-brochure-pdf.pdf>
- Working principle of e-beam <http://www.comet-xray.com/Technology-en/e-beam>

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## Financial calendar for the COMET Group

April 18, 2012	Annual Shareholder Meeting
August 23, 2012	Publication of 2012 half-year results
November 14, 2012	Investor Day 2012

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The **COMET Group** is one of the world's leading manufacturers of systems and components for the non-destructive testing, security and semiconductor markets. Since acquiring the YXLON group, COMET has been the global market leader in x-ray-based non-destructive testing and examination. With core competencies in vacuum technology, high voltage engineering and materials science and core products that include x-ray tubes and vacuum capacitors, COMET provides a complete and highly flexible range of components, modules, systems and services – all from a single source. The activities are grouped into two divisions: the OEM business (the Modules & Components division, under the COMET brand) and the end-user business (the Systems division, under the YXLON brand).

COMET was founded in 1948 and is based in Flamatt near Berne, Switzerland. The COMET Group has a presence in all world markets. The company operates production facilities in Switzerland, Germany, Denmark, China and the USA and maintains other subsidiaries in the USA, China and Japan. COMET's stock (COTN) is listed on the SIX Swiss Exchange.

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