

## Press release

corporate development

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### TenCate investigates possible restart of Osiris Inkjet Systems

TenCate is investigating the possible restart of Osiris Inkjet Systems B.V. (Hengelo, the Netherlands) following the petition for liquidation filed by this company on Wednesday, 11 May 2011. Over the past ten years Osiris developed the first inkjet printing solution (ISIS) for textiles for the fashion industry at industrial speed (up to 30 metres a minute).

In recent years TenCate, together with Xennia Technology (79% TenCate) and other industrial partners, has been involved in innovation projects, both European and those subsidized by the Province of Overijssel (the Netherlands) in the field of inkjet technology. One of the results is the outcome of the European Digitex project, which was presented in December 2010. TenCate and Xennia presented a demonstrator for continuous inkjet textile finishing.

#### Sustainable smart textiles

Textile finishing based on inkjet technology will on the one hand bring about significant innovation in the field of sustainability and on the other hand will result in the development of revolutionary products (smart textiles). This technology can be regarded as nano-surface coating of technical textiles.

TenCate Protective Fabrics intends to introduce inkjet technology as a form of finishing on a pilot basis this year. This will over time allow the production of new protective materials for medical applications, defence, emergency services, etc.

#### Osiris and Xennia / TenCate

Osiris and TenCate developed separately in the past, in view of the fact that applications for textiles for the fashion industry (Osiris) and for technical textiles (TenCate) have different requirements. The knowledge and expertise acquired by Osiris is, however, complementary to that of Xennia and TenCate, and may possibly make a positive contribution to the implementation of the inkjet strategy of TenCate.

TenCate is studying the possibility of creating a knowledge centre relating to inkjet technology for textile substrates on the basis of this technological cooperation in the Eastern Netherlands region. This knowledge centre may be able to make knowledge and test facilities available to both TenCate and third parties (possibly through the Open Innovation Centre Advanced Materials, which has recently been set up in Nijverdal, the Netherlands). A restart on a broader base may constitute a major technological impetus for the Eastern Netherlands.

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The ISIS machine from Osiris will be added to the Xennia systems portfolio after the possible restart. The first ISIS machine was earlier sold to an Indian fashion producer as launching customer, and it is in production there.

**Royal Ten Cate**  
**Almelo, the Netherlands, Thursday, 12 May 2011**

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**For further information:**

Digital visual material is available on request on: [media@tencate.com](mailto:media@tencate.com)

**Royal Ten Cate**

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**Royal Ten Cate** (TenCate) is a multinational company that combines textile technology with chemical processes and material technology in the development and production of functional materials with distinctive characteristics. TenCate products are sold throughout the world.

Systems and materials from TenCate come under four areas of application: safety and protection; space and aerospace; infrastructure and the environment; sport and recreation. TenCate occupies leading positions in protective fabrics, composites for space and aerospace, antiballistics, geosynthetics and synthetic turf. TenCate is listed on NYSE Euronext (AMX).

**Xennia Technology Ltd** specialises in inkjet technology for industrial applications. As the global leading, chemistry-driven, industrial inkjet integrator, Xennia has radically changed obsolete production processes by developing reliable inkjet solutions for markets such as product decoration, ceramics, textile finishing and electronics. Solutions from Xennia include R&D facilities, printer and print modules, software and printing fluids. Xennia has operations in the United Kingdom.

**Osiris Inkjet Systems** has since 2001 focused on the development, sale, supply and support of high-speed digital inkjet technology for sustainable solutions in the printing and finishing of all sorts of textiles for the fashion industry. In addition to print systems –such as the ISIS, Osiris also supplies a wide range of inks and coatings and the software applications required for these.