

Technogation BV

Smart Solutions for Science and Industry

Richard Bijlard, MSc. – Managing Director

www.technogation.com

Fangorn 63, 5661 AJ Geldrop, The Netherlands



Technogation

What we do/offer:

- Spectroscopy
 - lightsources, detectors, complete systems, modules/components and customized systems
 - fluorescence, Raman, Far IR (THz),....
- Solar Simulators & PV testing equipment (Steady State & Flash)
- Microscopy (for 'difficult' surfaces)
- Vibration Isolation (next generation active and passive)



What are we looking for:

- Customers!
- Cooperation in EU projects
- Sub-distributors/dealers (Nordic)

info@technogation.com

www.technogation.com

The European Commission's in-house science service

ESTI Reloaded

The European Solar Test Installation

ESTI
The European Solar Test Installation (ESTI) is a European reference laboratory for the verification of the power and energy generation of photovoltaic devices.

ESTI is located at the JRC's Ispra site in Italy. It has been at the forefront of developing standards for electrical performance of PV products since its launch in the late 1970s.

ESTI's work supports the EU's renewable energy policy (Directive 2009/28/EC) and the European Strategic Energy Technology Plan (SET-Plan).



What's new?
After a major modernisation project, the upgraded laboratories will be officially launched in 2013. The unique range of class AAA solar simulators for precision cell and module power measurements now includes:

- Wacom and **Scienctech continuous solar simulators** for areas of up to 30 cm x 30 cm;
- Oriel simulator for spectral response;
- **Science tech. high intensity simulator (up to more than 500 suns) for concentrator devices;**
- Pasan III B large area pulsed simulator;
- Pasan IIA simulator dedicated to module spectral response and temperature coefficient measurements;
- Apollo large area steady state simulator in a dedicated darkroom (2 m x 2 m test area);
- Spi-Sun large area long-pulse (80 ms) simulator.

Contact: