

Loccioni Group at Vancouver Olympic Games Italian technology for sustainability

**Italy: a country
of technology
and process**

Vancouver Olympic Games : 6th – 20th February 2010.

At **Casa Italia**, to represent the excellence of the Italian Design, there will be the **Leaf Meter** created by Loccioni Group and selected by the Farnesina Design Collection. The Italian Ministry of Foreign Affairs aims in this way to communicate all over the world that Made in Italy is not just based on fashion and furnishing, but it is also a philosophy of design reflected on process, creation and technological know-how.

The **Leaf Meter**, that boasts the signature of the Italian Designer Giorgio di Tullio (Winner of the Wallpaper Design Award 2009) is at the same time symbol and real measuring system of the LEAF Community Project, an area projected and developed in Italy, in Le Marche, surrounding the Loccioni Group Headquarters, to demonstrate that development and sustainability can sign a possible way.

**Leaf Meter: the
sustainability
gauge**

Technology and research return man to nature: as a leaf, in the **Leaf Community** we live, move, work; generating vital energy, transforming sun, water, air into growth, movement, vitality, projects. The **Leaf Community** was born to demonstrate that the third energy revolution is possible through the application of light, decentralized flexible technologies able to produce, guide and dose energy flows according to the actual need, whose results can be measured and economic costs and environmental impacts reduced.

The Leaf Community is an opportunity for everybody, a place where to meet up and exchange ideas, an open laboratory, a model to integrate in a design territory.

But the sustainability is possible only if, measured, can generate awareness and changing behaviours. The **Leaf Meter** represents this jump toward the future that sees the integration of nature, technology and human being. It is the "navigator" of the way of everyday living, the understandable synthesis of the integration of over a thousand sensors that supply, in real time, the ecological footprint of the building and allows inhabitants of the Community to modify their behaviours consciously: the water cycle, the energetic balance and the emission of CO₂ are the parameters exposed in the **Leaf Meter**. But, in the Leaf Community, the sensors generate a whole panel of measurements aimed at the housing comfort.

"Measuring means transforming data into value and awareness into behaviours. Changing our behaviours means starting to make the system and the approach to the environmental issue changing" according to Enrico Loccioni, founder and puller of an open and innovative organizational model who adds: "By spreading a Made in Italy where creativity marries technology and focus the attention to the process, besides the product, is a huge opportunity for the research, entrepreneurship and the image of Italy in the World. We are glad and delighted to give our contribution".

**Congress:
Design:
between
sustainability
and system**

The Leaf Meter and data showing the energetic performance of the Leaf Community will be presented in occasion of the congress "Design: between sustainability and system" that will take place at the Emily Carr University in Vancouver, together with the Italian Foreign Office, on the 9th February 2010.

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LOCCIONI GROUP: FROM SYSTEM INTEGRATOR TO A THINKING COMPANY

A company based on people and knowledge

Loccioni Group integrates "Ideas, people and technology" in the development of **automatic measure and quality control systems**, aimed at **improving the quality of products and processes**, paying attention and competence to sustainability and the energetic balance of buildings in which they are developed. The mission is **measure to improve**, helping who create products and offer services to operate in the best way possible, saving time, money, respecting the environment. Our clients and partners are **Worldwide leaders** in their sectors, from Automotive to Home Appliances, from the Environment to Healthcare. The market is global with solutions installed in **40 different countries** of the World, from South America to the East.

Continuous research for innovation and development

There are almost **40 young researchers** at Loccioni Group, professionals and scientists who dedicates themselves to the development of cross solutions by integrating innovative technologies to be transferred to the referred markets, continuously keeping the tension up to further developments. **Health, energy, environment, security and comfort**: these are the topics upon which high level networks are created, community of researchers oriented to the exchange and common goal of returning the human being to his natural dimension through development and technological integration.

Innovation becomes an advantage

Apoteca – the first system in the World for automatic drug compounding, **Mexus** – Shot-to-Shot Injection Measuring System, Winner of the US Green Engineering Award, **Musa**, Measuring Unit in Sound-Proof Area to test the quality of the washing machine (infra red, vibration and sound analysis): these are only some of the Research and Innovation Projects that became best practises. Among on going national and international research projects in which Loccioni Group is involved as main player, the Grace project – designing the factory of the future, a project on energy efficiency on houses and industrial buildings and a project on robotics applied to quality control and inspection.

LOCCIONI GROUP – THE NUMBERS

- **300** collaborators
- **60%** with an high school diploma
- **40%** graduated
- **33** average age
- **50** million € of consolidated sales turnover
- **43** export countries
- **4%** of the sales turnover invested in R&D
- **11** patents on research projects
- **7%** of the personnel cost dedicated to training
- **7000** hours of training per year
- **600** students hosted every year
- 4 company networks: Nexus (to increase the entrepreneurial culture) Netpeople (to integrate competences and know-how of companies) Crossworlds (to promote innovation with the technological transfer from the automotive towards other worlds) U-net (network with Universities and Research Institutes)
- **1** book "Competenze organizzative nella media impresa: il caso Loccioni" (Organization competences in the medium enterprise: the Loccioni case) (Ed. FrancoAngeli)

LOCCIONI GROUP - THE AWARDS

- LABEL AWARD 2009
- ORIENTAGIOVANI FOR SCIENCE AND TECHNOLOGY AWARD 2009
- SUSTAINABLE DEVELOPMENT AWARD 2009
- LEGAMBIENTE "INNOVATION FRIEND OF THE ENVIRONMENT" AWARD 2008
- OLIVETTIANO ENTREPRENEUR AWARD 2008
- GREEN ENGINEERING APPLICATION OF THE YEAR - NATIONAL INSTRUMENTS AUSTIN TEXAS (2008)
- BEST SUPPLIERS OF THE YEAR OF PRODUCTION EQUIPMENT - MAGNETI MARELLI POWERTRAIN (2008)
- "MARCHIGIANI DELL'ANNO" 2008
- NATIONAL INSTRUMENTS "BEST AUTOMOTIVE APPLICATION FORUM 2008" (MEXUS)
- ERNST&YOUNG: BEST ENTREPRENEUR OF 2007 FOR "QUALITY OF LIFE"
- VALORE LAVORO AWARD – "AMONG THE TEN BEST ORGANIZATIONAL PRACTISE 2007" IN MARCHE
- BEST WORKPLACES ITALIA 2002 - 2003 - 2004 - 2005 – 2006 - 2007
- WINNER OF THE AWARD IMPRESA E CULTURA 2003 (BLUZONE)
- EUROPEAN AWARD FOR THE RESEARCH (MEDEA PROJECT)
- FINALIST AT THE SODALITAS AWARD IN THE CATEGORY "PROCESSI INTERNI AZIEDALI DI RESPONSABILITÀ SOCIALE" 2005 e "INIZIATIVE DI SOSTENIBILITÀ" 2008 e 2009