

International eco-business event a great success

Pollutec 2014 closed its doors on December 5th at Lyon Eurexpo. This, the 26th show, was packed with meetings and reflected the vitality of the eco-industry market and the commitment of its various stakeholders. It is a vitality that was highlighted by Ségolène Royal, who came to open the show and to present the Business Awards for the Environment. During her speech, the French Minister for the Environment highlighted the role that Pollutec plays as a driving force promoting ecological transition.

2,257 exhibitors, including over 600 non-French ones from all over the world, were at the show to present their environment and energy solutions. On the visitor front, Pollutec offered a warm welcome to **61,992 visitors**, **12% of whom** were drawn from **120 countries** from outside France, and many of those attending came with actual projects in mind. The initial survey results reveal that 95% of these professionals were satisfied with their visit and 92% stated that they would like to return in 2016.

Innovation, innovation everywhere

Expertise and eco-innovation were to be seen in all the show's sectors: water, air, waste-exploitation, energy-energy efficiency, risks, sites & soils, instrumentation-metrology-automation. There were over 155 product launches by exhibitors on their stands, in the course of lectures or at the awards ceremonies held at the show. Particularly in the energy field, a number of these innovative solutions represented a real breakthrough in the drive for a better future: thin organic PV films capable of transforming an entire surface into a source of energy; a low loss process for the purification of biogas and the liquefaction of bio-methane that offers increased output; solutions making it possible to store or exploit the heat emitted by industrial processes (phase change thermal storage battery, heat exchanger plates for use with hot gas emissions...).

An exceptional programme packed with meetings and new projects

In terms of the event's international dimension, the activities associated with the Ivory Coast as the country of the year and the brand new Africa Space were a great success. The initial objective of encouraging collaboration between the countries of a continent with tremendous potential and those offering solutions was largely achieved. The Ivory Coast, in particular, came with over 60 very real projects in the fields of the environment and energy. Looking at the bigger picture, the first Global Markets Forum was well received all round and allowed numerous opportunities from all parts of the world to be brought together in one place. Finally, the business meetings (*Green Days Meetings* and *LeCleantech*) and official delegations from some thirty countries once again turned Pollutec into a real platform for international cooperation.

The depth and variety offered by the 450 scheduled lectures enabled the attendees to gain an overview of topical subject that concerned them. There was particular interest in themes linked to the sustainable city, energy efficiency and biogas, which attracted packed audiences throughout the four days of the show, as did those dealing with jobs, trades and training for green growth. A number of requests have already been made by various of the show's partners to repeat and expand the themed spaces that hosted these talks. There was also a large audience for the Sustainable Industry Forum, which hosted feedback of experiences and solutions to help professionals wanting to introduce approaches in their companies that are both more responsible and better performing.

Finally, the “D – 365 to COP21, business gets involved” conference was an opportunity to present COP21 to eco-stakeholders by stressing to them the role that they have to play as commercial operators in the fight against climate change one year out from the 2015 Paris Climate Conference.

FORTHCOMING EVENTS

The next **Pollutec** will run from November 29th to December 2nd 2016 at Lyon Eurexpo.

2015 will see: **World Efficiency**, the first show and conference for resource and climate solutions, which will run from October 13th to 15th at Paris Porte de Versailles; and **La Galerie**, the exhibition of low carbon solutions to be held in conjunction with COP21, which will run from December 2nd to 9th at the Air and Space Museum at le Bourget (Paris, France).

We would also like to announce the launch of **Pollutec Brazil** from April 12th to 14th 2016 in São Paulo

www.pollutec.com

APPENDIX - Winners of the 2014 Awards and Trophies

27th Business Awards for the Environment

Organized since 1987 by the French Ministry of the Environment and ADEME, these awards provide recognition for remarkable corporate achievements in the fields of the environment, biodiversity and sustainable development. These were presented on Tuesday December 2nd in the presence of Ségolène Royal, French Minister of the Environment. Here are the winners in each of the categories:

• Eco-product for sustainable development category:

Main award: **Algo**, for the first range of algae-based paints.

Main business award: **Pellenc**, for its range of portable electrical tools for the upkeep of green spaces.

Special communal eco-product award: **Le Relais Métisse** for the Métisse recycled cotton heat and sound insulator.

• Technological innovation category:

Main award: **AS Protek** for offering a new approach to asbestos removal.

Mention for biosourced materials: **Innobat** for Pulgreen, a composite plant fibre material

Mention for international potential: **Ennesys** for its compact Freewaterbox for the biological treatment of organic waste and effluents.

• Biodiversity and companies category:

Main award: **Bio-UV** for the Bio-Sea system for treating ballast water from ships.

SME favourite: **Azimut Monitoring** with **Apilab** for the Apialerte measurement station and the BeeLivin package.

Mid-sized company favourite: **Egis Structures & Environnement** for Bat3Data, the 3D cartography tool for bat flight paths.

• Circular economy category:

Main award: **The Green Valley** for its territorial industrial ecology approach in support of local economic development.

Big company main award: **GTM Bâtiment** for closed loop window recycling.

Start-up award: **Association Femer** for its eco-responsible fish skin tannery in Arcachon Bay.

• **Management and initiatives for sustainable development category:**

Main award: **Groupe Manitou** for its Reduce programme

National heritage special award: **Abbaye de Fontevraud** for the “Sustainable Fontevraud” project.

19th Innovative Techniques for the Environment

Organized by Pollutec and ADEME with the support of the French Ministry of the Environment and the Ministry of Research, these awards provide recognition for public research laboratories that have presented work during the previous year that might result in an application or industrial development over the short to medium term. They were presented on December 2nd in the presence of a jury made up of representatives of the following trade magazines: *Energie Plus*, *Environnement Magazine Hebdo*, *Green News Techno*, *Hydroplus*, *InfoChimie Magazine*, *Mesures*.

• **Energy saving - Renewables category**

Synthesis of new photo-sensitizers for photovoltaic cells from reagents sourced from biomass, a project presented by the UTINAM Institute, Besançon.

Processes for recovering and exploiting heat produced by composting, a project presented by the Environmental Management and Biological Waste Treatment Research Unit (UR GER, IRSTEA, Rennes).

• **Materials category**

Bio-aerogel: new generation of super thermal insulators, a project presented by the Materials Shaping Centre (CEMEF), Mines ParisTech at Sophia-Antipolis.

• **Air – Air decontamination category**

Monitoring and diagnostic indicator for interior air pollutants, a project presented by the Biological Agents and Aero-pollutants Department of the Building Scientific and Technical Centre (CSTB), Marne-la-Vallée.

• **Water – Water decontamination category**

Nano-cellulose sponges for dealing with oil slicks, a project presented by the Organic Polymer Chemistry Laboratory of the University of Bordeaux at Pessac and the Swiss Federal Materials Testing and Research Laboratory (EMPA) at Dübendorf.

Water analysis using structured micrometric systems on silicon (ALEC), a project presented by the Laboratory for the Mechanical Behaviour of Irradiated Materials (LCMI) of the CEA, Grenoble.

• Waste – Exploitation category

CODETEM: innovative combination of electrical and physico-chemical treatments to improve the mechanical dehydration of industrial and urban suspensions and sludges, a project presented by the Laboratory for the Integrated Transformation of Renewable Materials (TIMR), Compiègne Technology University and the Thermal, Energetics and Processes Laboratory of the University of Pau and the Pays de l'Adour.

• Analysis Measurement Detection category

Effect-Directed Analysis (EDA), an integrative method for the identification of toxic compounds in the environment, a project presented by the Physico- and Toxicology of the Environment Laboratory of the University of Bordeaux with the INERIS in vitro and in vivo Eco-toxicological Unit at Verneuil-en-Halatte and INSERM U896, IRCM, Montpellier.

NB: In 2015, the 20th ITE awards will become the **Awards for Public Research into Energy, the Environment and Climate**.

4th Eco-enterprise Export Awards

Organized by ADEME, UBIFRANCE and bpifrance, these awards provide recognition for outstanding international success by French eco-enterprises. They were presented in four categories on 3rd December in the presence of Michèle Pappalardo, sustainable city coordinator (Vivapolis). Here are the winners in each category:

• Export dynamism award (best export performance by an eco-enterprise): **Pellenc ST**, a company specializing in optical sorting equipment that generates three quarters of its turnover from exports

• Innovation export award (export success of an innovative eco-technology): **Exosun**, an expert in solar tracking for large ground-based photovoltaic power plants, which has signed its first large contract to supply solar trackers for a 37 MWc plant in California, where it has been established since 2012

• Jean-Claude Oppeneau award – Jury's favourite (eco-enterprise whose innovation has outstanding export potential): **Morphosis Materials**, a specialist in the exploitation of rare and precious metals (primarily sourced from electrical and electronic waste) that is particularly active in research and development (engineering and refining processes). Morphosis also stands out for its ethical partnerships (eg. with Emmaüs International and Orange) for the collection and disassembly of mobile telephones in Africa.

• **Award for export collaboration** (eco-enterprise involved in a joint international project, excluding R&D): **UMO** (Union de maîtrise d'oeuvre française): a consortium of six engineering companies (AOA, Biotope, Burgeap, Iris Conseil, Terao, Tisseyre + Associés) involved in sustainable cities that have developed a joint business in this field in China (contract signed in Wuhan).

Polluted Sites and Soils (SSP) Service Certification

On December 3rd, the LNE (national testing laboratory) awarded certificates to ten companies that had achieved SSP certification during 2014. This certification is divided into categories covering the main remediation stages: A “diagnostics” (survey / assistance and monitoring of works); B “engineering” (engineering of remediation works); C “works” (realization of works). Here are the new recipients, who join the 27 companies already certified since 2011:

• **Category A:** Bureau Veritas, EACM, Inovadia

• **Categories A and B:** Antea Group, Egis, Entime, Iddea, Soler Environnement, Tesora

• **Categories B and C:** Soleo Services

6th Young Company Eco-innovation Awards

The *Cleantech Republic* information site and EDF R&D, in partnership with bpifrance, Maddyness and *La Tribune* presented awards on December 4th to the following three companies from a selection of French companies in the cleantech sector (eco-activities or green technologies) that have been going for less than eight years:

• **Main award:** **Cornis** (monitoring turbine blades)

• **Jury's special award:** **Sorepol** (effluent treatment equipment)

• **Editors' special award:** **Comwatt** (solution for managing self-consumption and energy efficiency for the residential market).

5th CLER-Obscur competition

Organisé par le CLER (Réseau pour la transition énergétique) et l'Ademe, en partenariat avec l'agence Watts News, la revue EK, le Green Up Film Festival et l'Institut Eco-Conseil, ce concours récompense les films professionnels ou amateurs sur les énergies renouvelables, la mobilité durable et la transition énergétique ayant obtenu le plus de suffrages par les internautes. Voici, parmi les 22 films en compétition, les trois films qui ont reçu le plus de suffrages des internautes et celui ayant obtenu le prix spécial du jury :

- **1st site visitor prize** (€1,000): **Le Cin'ergie** (Cin'energy), by *Lucia Palenzuela and Maylis Mercat*
- **2nd site visitor prize** (€750): **Comment fabriquer une machine à laver de camping** (How to build a washing machine for camping), by *Yannick Lecoœur*
- **3rd site visitor prize** (€500): **Bref j'ai visité une maison passive** (The passive house inspection), *the platform for the passive house, Belgium*
- **Jury's special prize** (€1,000): **Les avertis** (The Aware) *from the Energy consumer series by Georges Nivoix, Canopé, académie de Besançon.*

European Business Awards for the Environment

At the 17th European eco-innovation forum, which was held in Lyons on December 1st and 2nd, the European Commissioner for the Environment, Maritime Affairs and Fisheries, Karmenu Vella, presented the European Business Awards for the Environment (EBAE). Here are the winners of the various categories

- **Management category:** **Eczacıbaşı Yapı Gereçleri** (Turkey), a manufacturer of articles for bathrooms and tiling for its "Blue Life Integrated Sustainability Management System", which measures the characteristics of all company processes in terms of sustainability.
- **Products and Services category:** **EcoNation** (Belgium), a supplier of lighting solutions for its "LightCatcher", a smart system for capturing daylight.
- **Process innovation category:** **Daimler AG** (Germany), the motor vehicle manufacturer, for an innovative gas coating technique to coat the inner surfaces of aluminium cylinders with carbon steel in order to save fuel and reduce CO₂ emissions.
- **Companies and biodiversity category:** **Red Eléctrica de España** (Spain), electricity sector operator for the "Birds & Electricity Transmission Lines: Mapping of Flight Paths" project (GIS incorporating data on bird flight paths)
- **International cooperation between companies category:** **Interface Nederland BV** (the Netherlands), a manufacturer of carpet tiles, for its "NetWorks" project, which is designed to deal with abandoned fishing nets whilst improving the living conditions of the poorest coastal population

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