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BOUYGUES CONSTRUCTION PRESENTS 2008 INNOVATION AWARDS

On 1 July 2008, Bouygues Construction presented the awards for its second Innovation Competition at a ceremony attended by its Chairman and CEO, Yves Gabriel.

In all, around 20 innovations were singled out for awards, from a total of 412 entries. The competition was an opportunity for more than 1,000 members of staff (managers, technicians, site workers) to present a project. All the entries were examined by the Group R&D Committee and the final selection was made by the Management Committee.

This year, two special prizes were awarded to two projects in the five competition categories (Engineering And Works, Business Development, Information Technology, Management/Finance/Legal, Human Resources):

- **Robotics** (special research and development prize)
The special R&D prize was for the development of robots that work in hostile environments and reduce the need for manual labour in some tiresome tasks: sanding robot, drilling robot, wallform cleaning robot.
- **"Oasis" program** (special sustainable development prize)
The special sustainable development prize was for the development (in conjunction with the CSTB*) of a program that simulates construction site noise, using a 3D model of the site. This application, called "Oasis", received an award at the Tenth International Virtual Reality Conference in Laval, France (April 2008).

Some of the innovations that were awarded first prizes made a particularly strong impression on the jury:

- **Tikopia housing concept** (1st prize in the Business Development category)
This new business development offer consists of an original "mini tower" concept that meets two essential requirements: urban densification and very high energy performance.
- **Inovpac** (1st prize in the Engineering and Works category)
This innovation consists in building differently so as to achieve a "blank snagging list" at handover (development of partnerships with suppliers, use of more fully finished products, etc.).
- **Warm-up before start of work** (1st prize in the Human Resources category)
The principle of this initiative is to have all site workers engage in a little physical warm-up before they start work. This is already being implemented on a number of the group's jobsites where warming up has reduced the number of accidents.

A number of the prize-winning innovations are already operational on construction sites (robots, physical warm-up, for instance) while others will gradually be implemented to enrich the best practices in force within the group.

Above and beyond the innovations that received awards, the competition encourages, publicises and develops the best practices put forward by staff. The wide variety of the ideas proposed indicates that innovation is a very real, integral part of Bouygues Construction's corporate culture and strategy.

* *Centre Scientifique et Technique du Bâtiment – French building research establishment*

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BOUYGUES CONSTRUCTION

Bouygues Construction is a global leader with top-ranking positions in the building, civil works and electrical contracting/maintenance markets. It combines the power of a large group with the responsiveness of a network of local companies which deliver innovative solutions for the financing, design, construction, operation and maintenance of buildings and infrastructure. Bouygues Construction employs 50,000 people in 60 countries and reported sales of 8.3 billion euros in 2007.

Press release

2008 INNOVATION COMPETITION PRIZE-WINNERS

INNOVATION	CATEGORY	AWARD	BRIEF DESCRIPTION
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SPECIAL PRIZES

Sanding, drilling and wallform cleaning robots	Engineering & Works	Special research & development prize	The robots dispense with certain hazardous and difficult manual work and can work in hostile environments.
"Oasis"	Engineering & Works	Special sustainable development prize	Software for simulating site noise, using a 3D model of the site.
Cleaning of waste skips	Engineering & Works	Special prize	Skips are fitted with a removable rubber lining for optimum discharge every time.

FIRST PRIZES

Physical warm-up before starting work	Human Resources	1 st prize	Proposal for physical warm-up before starting work on jobsites.
Centralisation of supplier invoices	Management, Finance, Legal	1 st prize	Industrialisation of sorting of invoices to enable simpler processing and faster payment of suppliers.
"Lison"	Information Technology	1 st prize	Dematerialisation and simplification of the drawing approval process on sites.
"Inovpac"	Engineering & Works	1 st prize	Build differently to achieve a "blank snagging list" at handover (development of partnerships with suppliers, use of more fully finished products, etc.)
"Tikopia" housing concept	Business Development	1 st prize	New business development offer proposing an original "mini tower" concept to meet dual requirements: urban densification and very high energy performance.
"Miroir" survey		1 st equal	Systematic appraisal of customer satisfaction to determine factors in success and avenues for progress.

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