SOLAR DECATHLON EUROPE 2014
A «must» for all players and industries in sustainable housing and renewable energies.

Urban design, transportation and affordability jury
The jury, composed of Peter Droege, Pierre Veltz and chaired by Paola Vigano, took place on Friday, July 4. They rewarded team Unicode Taiwan for their prototype «Orchid House». Congratulations also to the «Mexico UNAM» Team for their «Casa» prototype and to the Spanish team «Resso» which came in second and third position. The objective of the Urbanism, Transportation and Accessibility jury is to evaluate the pertinence of the offer of gathering of the project: localization of the housing compared to the essential resources, mobility, etc.

The Netherlands’ country day
After the inauguration by His Excellency Mr. Ed Kronenburg, Ambassador of the Netherlands in France, the «Dutch Innovation Power» has sparked some curiosity. July 4, visitors were able to discover the typical products of the country such as bicycles, cheese... Various presentations of the Dutch partners of Prêt-à-Loger took place throughout the day to end with a tasting of ales, which made several people happy!

Germany’s country day
Saturday, July 5, we celebrated Germany at Solar Decathlon Europe. Program of the day: human-scale babyfoot games in the Agora, music fanfares, German food tasting and so much more... You could also get your own portrait as a memory in the ancient photo booth!

Daily tasks of the competition
Of the three monitoring contests, one concerns the operation of a prototype which is measured by both sensors in the house and Observers. The functioning of the habitat is verified thanks to these different criteria:
- The temperature of the refrigerator, freezer and oven;
- The consumption recorded for the washing and drying of the equivalent of 9 towels and the operation of the dishwasher;
- The ability to make 50L of hot water at 43 °C;
- The test of «cooking» which is about making a certain amount of water evaporate over a given period thanks to electrical plates, which must operate at full power.
- The test of «water balance», which runs through the whole period of competition and is about the total consumption of water (recycling greywater and rainwater). The lower the consumption, the better the score.
- The test of «dinner.» During the 10 days of competition phase, each team invites six members from other competing teams and cook a dinner for them. The objective of the host team is to use the refrigerator, oven, plates, of the prototype as they would use them in everyday life. In return, guests assign marks taking into account the welcoming and the cooking quality. The marks will count in the final rankings.

Architecture jury
Saturday, July 5, the «Architecture» prize has been handed over. The jury composed of Thomas Herzog, Françoise-Hélène Jourda and chaired by Wang Shu, Pritzker Prize in 2012, awarded the Spanish Team Resso for their prototype «Resso». In second place: the Italians for their «Rhome for DenCity» house. Finally, two teams are tied at third place: The Japanese from Chiba University and their habitat «Renai House» and Berlin for their «Rooftop» prototype. The objective of the jury Architecture is to appreciate the general coherence: design, flexibility of the spaces, integrated technologies, bioclimatic strategies, etc.