International Energy Agency

Building Competitions as an Incentive for Research, Education and Communication

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UPM Magic Box, US SD2005
UPM Casa Solar, US SD 2007
UPM Casa Black&White, US SD 2009

Solar Decathlon Europe 2010 - Madrid
Solar Decathlon Europe 2012 - Madrid
Solar Decathlon Europe 2014 - Versailles
OBJECTIVE
The goal of this report B is to gather all the info, analyse SD Competitions & events as a whole, assess its impacts and performance, identify successful key drivers, and take advantage of this knowledge to learn how to improve them, influencing the direction and content of next editions, as well as new competition formats.

CONTENT:
- Methodology
- Solar Decathlon and linked Events
- Impacts in Education, communication and people awareness
- Surveys and key performance indicators
- Key drivers for successful SD competitions
OBJECTIVES OF THE SOLAR DECATHLON EUROPE

1. TO GENERATE knowledge on the industrialization and sustainability of houses, bringing out suitable scientific benefits as well as the fruitful dissemination of knowledge, and technology transfer to professionals and industry

2. TO TAKE ADVENATAGE OF SOCIAL INTEREST AND HIGH MEDIA IMPACT TO MAKE students, professionals, and the general public aware of environmental and sustainability issues, especially in the responsible use of energy and natural resources, promoting the use of the renewable energies, improving energy efficiency, ...
34 collaborating countries
60 Universities participating
600 researchers and PhD Students
3,500 Volunteers
25,000 children and teenagers
7,000 university students
25,000 professionals from 12 EU member countries
Scientific output (books, papers, PhDs, patents)
680,000 people participating
Estimated over 700 Million reached
Competition & Living Lab Platform – Annex 74

Innovation and Energy Policy for Buildings: International Collaboration to Accelerate Change

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Which contests have contributed more in sustainability & energy awareness

Solar Decathlon developed students knowledge about

Solar Decathlon improved students awareness about