

His Excellency, Hans Klemm the Ambassador of the United States of America to Romania, visited on Monday, the 18th of April 2016, the EFdeN 4C – The Centre of Research for the Comfort conditions in Romania. He declared: "The EFdeN project represents an example of innovation and Romanian engineering".

Published by SpatiuConstruit.ro, on 25th of April 2016



The project, realised together with **Olin**, was admired by the American officials, who appreciated the team involvement in changing the energetic efficiency as well as the environments.

EFDEN started together with Solar Decathlon 2014 in Versailles, where the project represented both Romania and East Europe in the Solar Houses Competition. The project is both educational and of Romanian research having a team with young volunteer students from several Universities.

These ones made the project and built a solar house, safe and comfortable, 100% electrical and environmentally friendly. The students assembled the house again, in the Faculty of

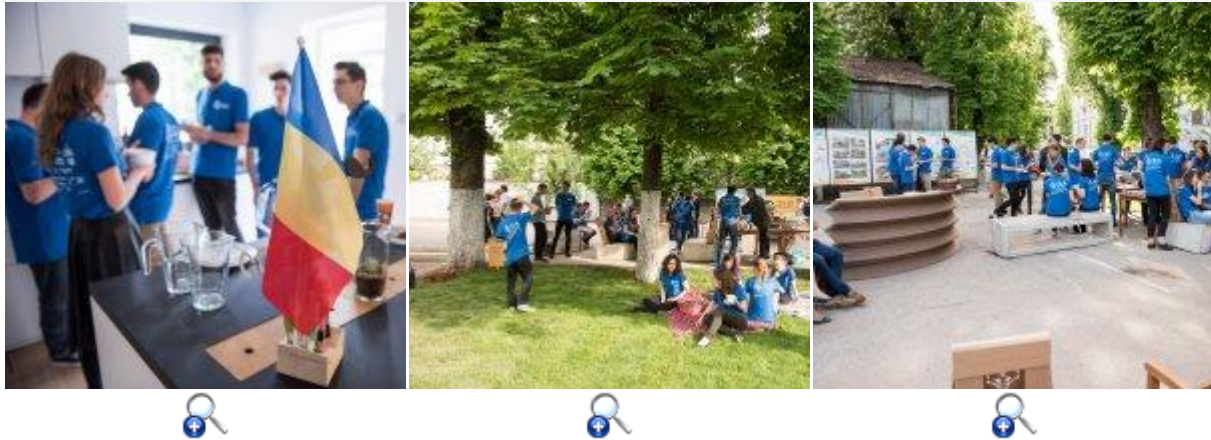
engineering and installations, functioning as a Research Centre for Comfort Conditions open for the large public every Thursday between 18° – 20° and on Sunday between 12° – 16°. The rectors of the Technical Construction and Architecture and Urbanism Universities, the professors, the members of EFDEN team as well as representatives of the companies which supported the students, took part in this event and discussed about the importance of a such a project to the society and Universities as a practical approach for both personal and professional development of the students.





The entire value of this project initiated 3 years ago, raises to approximately 1,3 million EURO via collaboration with over 120 private companies, 90% of the sum representing materials, products and services and only 10% financial contributions. EFDEN proposes, for the future, a plan of prototype industrialization, fact that would lead to a considerable price

decrease, so it could fit into the First House program.



Forwards, the team has several objectives, one of them being the obtaining of the Living Building Challenge certification, the most strict certification regarding the sustainable homes, and once obtained, the **EFdeN** house would become the most sustainable home in Europe. **EFdeN** wants to participate as well to the next Solar Decathlon which will take place in 2018 in Dubai as well as starting educational programs in sustainability field, for the companies, schools and high schools. Details on www.efden.org.