









an approximate value of 50% is represented by the energy recovered from the environment (soil, sun) and from the energy of the interior air, thus resulting only the necessary quantity for producing 50% of the total power. The isolation degree is highlighted once again by the energy need for the heat pump 3 that only covers the power losses to the exterior. At the present, the building described is finished and PassivhausProiect and Amvic Ltd are doing their activities as well inside of the very beautiful building; during cold period and also warm period ,the building is in process to monitoring of the energetic consumptions and to the analysis of their improvements.



a)



b)

Fig.8 Aerial (a) and façade (b) view of Amvic Ltd Group.

This monitoring as well as the entire building is part of the program “INOVARE”, in collaboration with Polytechnic University of Bucharest based on the European Union

Grand's Projects and the Research Department of Amvic Group Romania.

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