

AD-HOC TECHNICAL ASSISTANCE PROJECT

AHEF No. AM 31

Project Title

Business Plan for the improvement of competence of industries producing energy efficient building materials in Armenia

Country (s) Armenia

Timescale for implementation

Beneficiary(s)

Ministry of Energy and Natural Resources, Yerevan, Armenia

Main and specific objectives

The **overall objective** of this assignment was to develop a **strategic assessment** that would help to create a unique national business climate allowing energy efficient materials and service providers to overcome barriers, assess the technical prospects, market, financial viability and risks in terms of encouraging the development and improvement of existing industries producing building materials - in line with new standards - that effectively improve thermal performance of buildings. The **specific objectives** of the project were to (1) To present the technical and regulatory context of the new EU standards on buildings EE materials (2) To assess the current technical specifications of construction materials in Armenia and the relevant legal and regulatory context and projections directly related with this sector (3) To perform a market SWOT analysis of all the major players in the industry (4) to review market trends in the short and long time perspective inclusive of market projections (5) to develop a strategy for EE building materials with a sensitivity analysis and (6) to make recommendations on which policies and tools to use

Results achieved

Analysis showed that there is considerable market potential for EE building material. The calculated potential beneficiaries are about 65,000 existing apartments and a market volume of almost 70 Million € for simple EE measures. A case study conducted at existing residential block indicated 20-30% savings and IRR up to 21% for old apartments and 16% for new ones.

Key proposals for follow up refer to the creation of Private-Public Armenian EE Cluster, the development of EE pilot projects in the housing sector and the organization of public awareness campaigns.

Useful information/ relevant documents

Further detailed information may be obtained from the project co-ordinator Mr. Savvas Louizidis, e-mail savvas @ldk.gr or from SEMISE Key Expert Larry Good. Information may also be obtained by contacting the Armenia country coordinator, Mr. Levon Vardanyan, techpolicy@minenergy.am

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