



*This project
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The NATO Science for Peace
and Security Programme

New Technology for Seismic-Resistant Construction

(ref. SFP-982167)

Since September 2006, scientists from Azerbaijan, Kazakhstan and Turkey have cooperated in the development of an aseismic construction technology (ACT), which will allow the construction of houses better able to withstand earthquakes and explosions. An important aim is also to reduce the cost of such construction so that it is more widely affordable. A development facility for ACT has already been launched. In the coming months, the project participants will install a metal surface on the movable bearings of the Simulative Seismic Platform and begin production of a mechanical compensating unit. A rotation gear, hydraulic engines and vibration gear will also be installed. In terms of implementation, the expected end-users of this project include the Azerbaijan State Committee for Construction and Architecture, the "Azerzeolite" Scientific Industrial Corporation in Tovuz, Azerbaijan, and the Kazakhstan State Committee for Construction and Architecture. A number of patents have been filed.

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