

CASE STUDY: A house owner invests in energy efficient double glazed windows and doors to reduce energy consumption while keeping the house warm



Double glazed PVC windows and doors are gaining popularity in Tajikistan. This trend is also related to the availability of choice of products, both locally produced and imported. The plastic doors and windows have a significant impact on the conservation of thermal energy inside the house and save 43% of energy on average.

With the support of Climadapt financing, Mr Solijonov purchased energy efficient PVC windows and doors of local “Shonline” brand. The total area of installment is 115 m2.

With an investment size of approximately USD 6,100, he can benefit from energy savings and improved comfort in his house. The simple payback period is about 5 years.



For more information on how Your Company can obtain Climadapt financing, visit www.climadapt.tj or call +992 37 2213789

The Client

Main activities

Residential household

Region

Khujand district, North Tajikistan

Project Goals & Main Investments

Project Goals

The Project aims to:

- To prevent thermal loss and save energy
- To improve comfort

Main Investments

- Replacement of old wooden windows and doors with new PVC energy efficient doors and windows

Investment Size

- Approximately USD 6,100

Results of the Project

Operational Results

- Energy savings: 12, 193 kWh/year
- CO2 Emission reduction: ~ 1 t/year

Investment Profitability

- Annual savings of USD 220
- Payback period of about 5 years

