



## Designing Climate-Resilient Housing: Best Practices from ADB-supported Projects

20 September 2022, Tuesday  
3:00–4:30 p.m. Manila Time (GMT+8)  
Zoom



Building A – Multi-story greenhouse



Building B – Vertical PV solar panel mixed with vertical Green wall

This knowledge-sharing event highlighted two pioneering Asian Development Bank (ADB) projects on climate-resilient housing in Uzbekistan and Mongolia, and shared good practices and lessons learned.

In her opening remarks, Yasmin Siddiqi discussed climate finance opportunities from the housing sector. Next, Priyanka Sood shared the ADB Affordable Rural Housing Program in Uzbekistan, while Arnaud Heckman presented the Ulaanbaatar Green Affordable Housing and Resilient Urban Renewal Sector Project.

Peter Marro shared ADB's experience supporting the housing program of Uzbekistan; and underscored the need to establish a centralized institution to organize, supervise, and monitor housing programs, and the important role of the private sector. Syed Ali-Mumtaz Shah highlighted the importance of sustainability in promoting green finance across sectors.

**“ ADB has and can play an important role in developing dedicated financial products for green funding that could help us get closer to the climate financing targets that we have set for ourselves. ”**

**PRIYANKA SOOD**  
Principal Private Sector Development Specialist  
Asian Development Bank

## SPEAKERS



**YASMIN SIDDIQI**

Director, Central and West Asia Department (CWRD)  
Asian Development Bank (ADB)



**PETER MARRO**

Advisor and Head Client Solutions Team  
CWRD, ADB



**PRIYANKA SOOD**

Principal Private Sector Development Specialist  
CWRD, ADB



**SYED ALI-MUMTAZ SHAH**

Principal Financial Sector Specialist  
CWRD, ADB



**ARNAUD HECKMANN**

Principal Portfolio Management Specialist  
South Asia Department, ADB



**KATHLEEN COBALLES**

Climate Change Officer  
CWRD, ADB

## MODERATOR

## KEY MESSAGES

- ADB projects in the social sector, particularly on housing, are making significant progress in scaling up climate financing and adaptation outcomes.
- The Affordable Rural Housing Program in Uzbekistan achieved a strong focus on climate resilience through a specific Disbursement Link Indicator, a results-based modality dedicated to climate change that enabled risk assessments and implemented resilience strategies. Hydrometeorological information and design were streamlined through state institutions such as Uzhydromet or the Centre of Hydrometeorological Service at the Ministry of Emergency Situations, and the State Committee for Environmental Protection. ADB's support has led to Uzbekistan's gradual move toward a market-based housing sector. The project developed innovative financial products such as green mortgages and green lending for housing renovation.
- The Ulaanbaatar Green Affordable Housing and Resilient Urban Renewal Sector Project demonstrated green financing in social development programs. The project used in-depth climate and development assessments to embed mitigation and adaptation within the urban renewal approach, with strong support from the government and other stakeholders. The project adopted an "eco-district principle" for green housing, which can serve as blueprint for future projects. It combines resilience with land use, use of renewable energy, and technology to achieve quality of life, social integration, and affordable housing for the community. ADB's programmatic approach helped leverage the housing market and shift focus to areas with greater climate vulnerability.
- ADB supported Uzbekistan to address housing gaps by establishing a new housing assistance unit that managed housing sector matters across ministries. The Bank involved the private sector by providing loans for a sustainable mortgage market program. The project provided additional elements of green finance such as green renovation loans to support climate change innovation.
- Climate-resilient housing initiatives should be anchored on upstream climate assessments with strong government and private sector partnerships.

## FURTHER INFORMATION

### ADB to Provide \$500 Million for Rural Housing in Uzbekistan

<https://www.adb.org/news/adb-provide-500-million-rural-housing-uzbekistan>

### Uzbekistan's Center for Hydrometeorological Services

<https://uzhydromet.uz>

### Building affordable, green houses in Mongolia's ger district

<https://www.adb.org/results/building-affordable-greenhouses-mongolia-s-ger-districts>