

Roof farming for climate resilience and women's empowerment in urban areas of South Asia

Description of the project:

The project trains women and youth in the set-up and management of roof farming alternatives for urban areas, such as hydroponics and aquaponics. Women are empowered to produce nutritious and safe organic food for their family, using minimum water and space, while earning new income. This ideal solution for highly dense urban areas is supported by a mobile application that enables knowledge sharing and monitoring. This effectively addresses any challenge faced by users in the farming process.



TRANSFORMATIVE OUTCOMES

Climate impact



Greening urban spaces reduces air pollution



Safe, affordable and organic food security for urban families



The farming methods use less water and limited space

Gender impact



Contributes to gender equality through training and knowledge sharing for women



Women's economic empowerment via the sales of farming production

Scalability / replicability



The project has a good scope of being propagated to all urban areas in Nepal



Simple and affordable method easy to scale up and expand



Digital tool enhances access to support and broad dissemination



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