



SUSTAINABILITY



Passive Solar Patron

\$25,000

Are you inspired by the energy saving benefits of sustainable design?

As a Passive Solar Patron, you will empower 3 Angels Nepal with the tools to achieve their long-term goal of sustainability and self-sufficiency.

Your gift will support The Pokhara Project's passive solar design to harness the sun's energy for heating and cooling living spaces, radically reducing energy costs.

Construction of the new facilities will begin once funding targets have been reached—and your generosity will take us a critical step towards achieving this important goal.



Watch this video to see how the architectural design works to embrace the local climate—minimising ongoing running costs and maximising quality of life for residents.



The sun's energy is an incredible free resource that will be harnessed to heat and cool living spaces of the women's safe haven, vulnerable children's homes and classrooms in the school.

Architects have orientated and designed the buildings on the new campus to work with the seasonal sun. The buildings utilise large glass panels through which sunlight warms their interior during winter months.

Roof overhangs shade this glassed area in summertime to keep the living spaces cool, and deciduous vegetated screens filter and minimise both light and heat entering living spaces and classrooms.

Thermal buoyancy—the tendency of warm air to rise in cooler air—ensures the spaces purge heat at night during the hot monsoon months.

The building's thermal mass, which is its ability to absorb, store and release heat, is carefully controlled to be protected from monsoon sun but exposed to winter sun penetration.

In their simplicity, passive systems do not require pumps or fans. They can inspire beautiful architecture and radically reduce or eliminate high energy costs.

Thank you for considering becoming a Passive Solar Patron. Your generosity will provide comfortable living spaces in which trafficked women and children can heal, restore, learn and grow.



Ready to give?

Scan here to give to Sustainability

While every endeavour is made to ensure price points accurately reflect program costs, fluctuations in exchange rates, cost of building materials and unforeseen global events may impact the financial cost of implementation. Therefore, all funds raised will be pooled to cover The Pokhara Project development as a whole. Give Freedom International also reserves the right to make adaptations to the Pokhara Project to respond to our Field Partners needs from time to time. We guarantee that 100% of your gift goes to the field.