

Promoting resilient, green and safe schools to act against climate change

Context

Bolivia is the South American country affected the most by climate change over the last 20 years, resulting in **damage and losses to educational facilities, disrupting education and increasing the risk of school dropouts.**

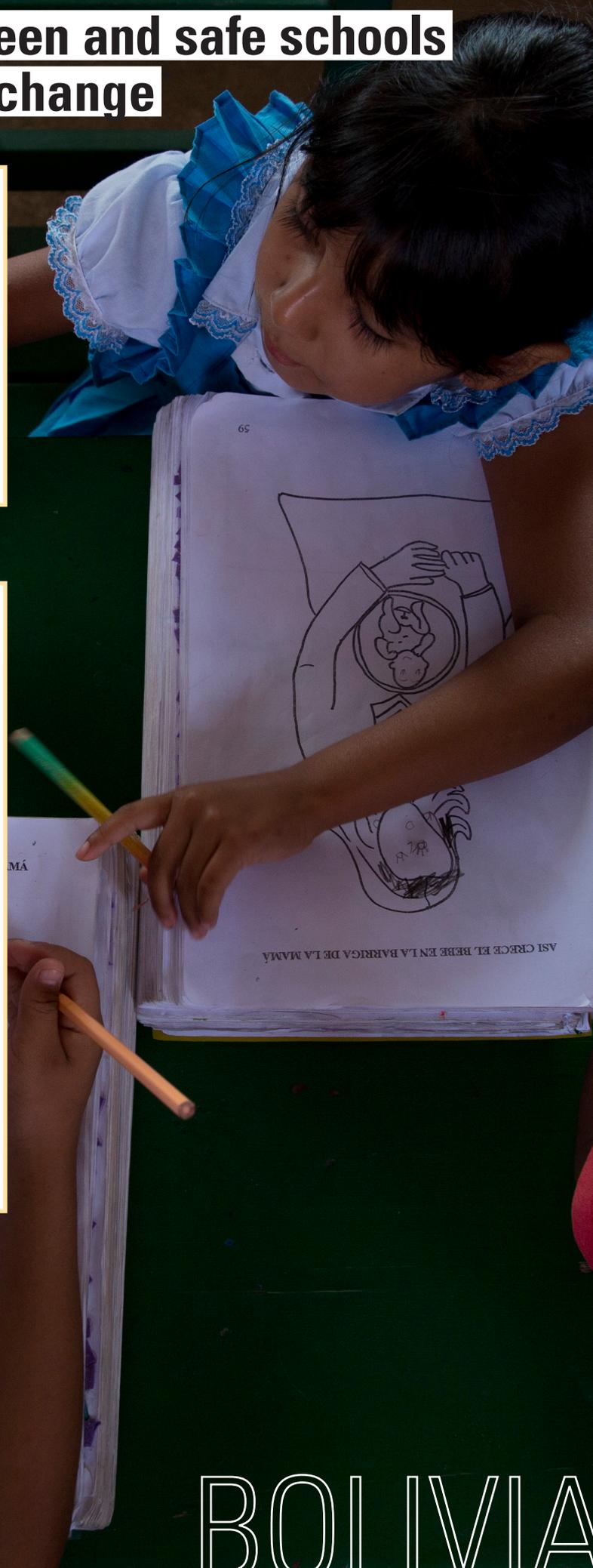
Adverse climate scenarios and disasters have also an impact on electricity that is vital to ensure the right to education for boys and girls.

Our solution

Schools offer a unique opportunity to learn about climate change adaptation and the ways to mitigate its effects. Educational experiences can easily be recreated at community level, providing schools and communities with the tools and know-how to become climate champions, committed to sustainable and ecological development.

Solar photovoltaic systems in schools would resolve many problems, providing uninterrupted access to green energy and improving access to clean water by enabling groundwater extraction pumps as well as treatment and purification systems.

UNICEF considers that education is the starting point from which initiatives can be developed to contribute to community resilience and the integral fight against climate change.



UNICEF key actions



Develop schools in the Santa Cruz Department that provide a healthy and safe environment for children with low emissions, through:

- The installation of solar panels, water harvesting systems and the adaptation of water and sanitary systems to a local context
- The implementation of school vegetable gardens to improve food security for students



Acquisition of skills and knowledge on climate change through:

- Training of teachers to raise awareness on sustainable development, climate change and risk management



Promote environmental leadership of children and adolescents and their capacity to be agents of change to act for their community through:

- Development of technological skills and technical capacities for the self-assembly of air quality sensors and the interpretation of results to protect, prevent and reduce vulnerabilities

Story from the field

“Before my teacher told me about environmental protection, I had no idea how dangerous and bad it was for us children to live in a polluted environment. **We have learned a lot and are more careful about our use of water. It is too precious to be wasted.**”

We also created a garden to learn how to grow our own vegetables, in order to eat and stay healthy. I don't like eating too many vegetables, but I can't wait to taste our first homegrown food,” says Kori, a 12 year-old student from a beneficiary school.



Financing examples

50,000 €

Provide of clean energy for the illumination of 250 classrooms

130,000 €

Install solar-powered water extraction systems for 23 schools with 200 students per school

430,000 €

Set up systems to provide clean energy connecting 600 computers

855,000 €

Support the full development for 39 resilient, green and safe schools



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