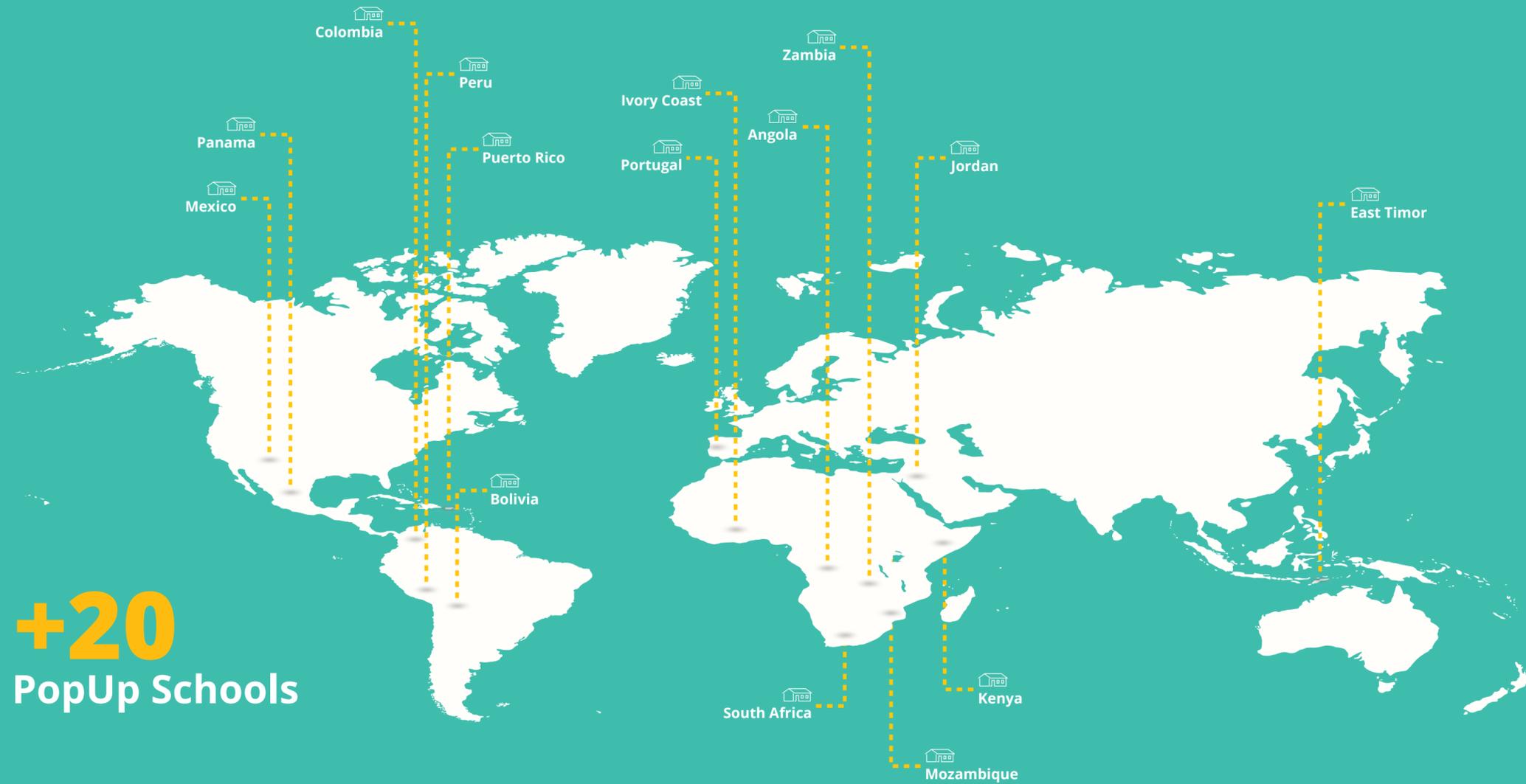


# POPUP SCHOOL AROUND THE WORLD

## Fostering sustainable communities through Education

Good quality infrastructures are crucial for a quality-learning environment, because they promote a better instruction, higher student outcomes and the decrease of the dropout rates.



**+20**  
PopUp Schools



### The world's largest corporate sustainability initiative

Provide access to quality, transformational and universal education, and through it, access to equal opportunities for girls and boys, in a more inclusive and global society.

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**POPUP SCHOOL**  
school for all





### Durability and resistance

Submitted to several tests  
It is designed for more aggressive environments.

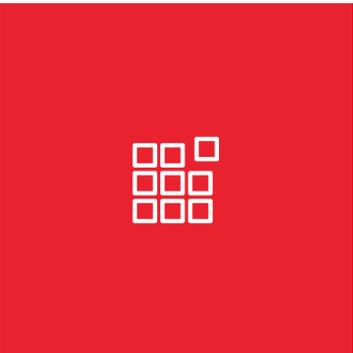
- Wind (gust) resistance: speed 220km/h
- Fire resistance
- Impact resistance
- Energy efficient
- Ecologic materials



### Portability

Ideal solution for remote regions  
Each unit is **portable** and easy to assemble and disassemble.

Its modular construction distinguishes itself by a **quick and very economical** configuration.



### Modular construction

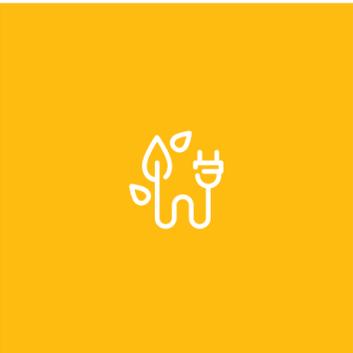
**Adaptable**  
Based on **modular structure**, it is designed to be **flexible** and can be **customized**.

In case of flood, the PopUp School has the **advantage of being moved from one place to another**. The type of foundations allows disassembly and new assembly in safest areas in a short time.



Extremely flexible, screw foundations are **ideal for areas with restricted access and inclined deployment areas**. It does not need concrete foundations.

Screws can be installed to create space between the school floor and soil, allowing water to flow under the building during floods.



### Sustainable Unit

**Eco-friendly**  
Sustainable and low energy consumption

Balanced interior temperature and adequate thermal insulation provides a comfortable learning environment. Insulated coverage, fresh roof and high-efficiency daylight capture systems reduce environmental impact up to 60% of energy use.



### Community

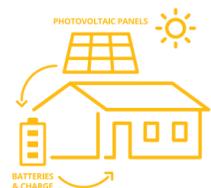
**Designed for multipurpose use**  
More than a school, this solution can be used as a **training center**, a **health unit**, a **cyber center** (mobile phones charging stations) or a **community center**.



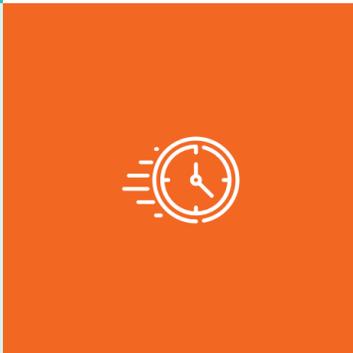
**Water economy**  
It is possible to collect rainwater for systems and reservoirs.

**Self-efficiency**  
Solar panels – photovoltaic + batteries & chargers

The inclusion of solar panels makes the community spot a **self-sufficient** learning environment. Solar panels **produce energy** throughout the day with energy storage in the batteries, making the school self-sufficient for nighttime use.



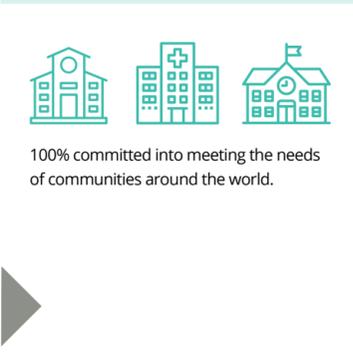
100% clean and renewable energy. The batteries store the photovoltaic energy generated for all periods of use.



### Simple & fast

**Quick and simple**  
Installation between 5 to 7 days

Easy to build, assemble and install. The **modular construction** allows to anticipate savings in waste production, in time and in production costs.



100% committed into meeting the needs of communities around the world.

## PURPOSE DESIGN & ENGINEERING

The PopUp School is an integrated solution with a simple and fast implementation process. This infrastructure was thought as a facilitator of the development of the learning community and the surrounding one.

More than a school, it is ready to run as a community center or a medical post in the evening and weekends.

The PopUp School is a resistant and quality infrastructure for an innovative learning experience rooted in an immersive education ecosystem.

### jp.ik PopUp School Design Features

The building was tested and certified by Ensatec, an internationally recognized laboratory and specialist in Technological Testing.

#### 8,5m x 6,25m (53 m²)

**Capacity**  
With a maximum capacity of 30 students, the building was designed with the latest pedagogical trends in top-of-mind and considering the various classroom layouts

#### Frontage

The materials of the five windows and the door have been selected to guarantee greater thermal and acoustic comfort and more security

#### Windows

Aluminium  
Glass  
Laminated glass (Double glass)  
Door  
Aluminium with laminated glass (Double glass)  
6-point safety lock

#### Structure

Metal structure produced with industrialized elements guarantees a good index of quality and greater rigor. Architectural flexibility, reducing execution time, minimizing loads on foundations and optimizing the combined floor area ensuring a competitive price

#### Walls & Roof

The walls and roof are built in Sandwich Panel. Excellent thermal insulation, simple and fast implementation, a high standard continuity of isolation and a good watertightness enhanced a high cycle life

#### Foundation

The foundations system is implemented using bolts similar to piles. The application of the screw causes a lateral landslide with a compaction guaranteed for greater stability

#### Pavement

Sub-base  
Composite decking  
Base  
Non-slip flooring for improved student safety

#### Ventilation

Ventilation and air renewal are ensured through various systems, ensuring good air quality, thermal efficiency and total comfort

#### Electrical installation

Protective electric panel, sockets and switches

#### Optionals

Alarm,  
Fire Detection,  
Exterior Lighting,  
Solar System,  
Air Conditioner,  
Exterior Decoration  
in Vinyl

