

DESIGN CLIMATE-RESILIENT SCHOOLS

OBJECTIVE

Create schools resistant to several impacts coming from global changes.

DESCRIPTION

Redevelopment of old schools, in old buildings, evaluating impacts of climate changes. The design and development of adaptive strategies are fundamental.

Some facilities integrated into schools are drainage systems, systems of water collection, extra shade for children and teachers, roofs coverage resistant to intense wind.

EXPECTED RESULTS

New school buildings with low carbon emissions coping with climate changes and maintaining a comfortable education environment.

RESULT INDICATORS

Number of climate-resilient schools.

INVOLVED ACTORS

Government, scientists, private sectors, engineers, builders.

EXPECTED TIMELINE FOR ACTION

- Short term (1-4 years)

BEST PRACTICES

- Worcestershire – UK
- Slovacchia
- Trondheim – Norway

CRITICALITIES

Economic investments availability.

SCOPE OF THE ACTION

- Adaptation

TYPE OF PROPOSED ACTIONS

- Grey

SECTOR OF ACTION

- Public health
- Transport and infrastructure
- Urban settlement
- Other

CLIMATE IMPACTS

- Extreme precipitation
- Extreme temperatures
- Strong winds

IMPLEMENTATION SCALE

- Municipality
- Province
- Other

SOURCE

<http://Source> <https://www.ukcip.org.uk/>