

BOLOGNA RESILIENT CITY

GOOD PRACTICE SUMMARY

Many European cities have already started to tackle climate change, and Bologna belong to them. Moreover, the city drafted its strategy to adapt to climate change without having experienced disasters or calamities related to climate change.

The city of Bologna has already suffered in recent years the impacts of climate change: the frequency and increasing intensity of these phenomena convinced us that it was necessary to start strategic policies on prevention. This has been pursued with the development of a comprehensive climate strategy organized in two integrated climate plans dealing with mitigation and adaptation:

Sustainable Energy Action Plan (SEAP), approved at the beginning of 2013, following up Bologna's early adoption of Covenant of Mayor and Local *Adaptation Plan approved by the City Council in October 2015. It is the result of the LIFE+ project BLUE AP funded by the European Commission.*

On June 2014 the City Council approved the signing of the Mayors Adapt: Bologna was among the first group of cities to join the initiative.

With no national or regional adaptation action plan in place, the City of Bologna took it upon itself to draft an Adaptation strategy based directly to the European documents like " guideline no developing adaptation strategy".

The plan focuses on the development of innovative, concrete measures that could be tested locally. These measures were developed as part of the LIFE+ project BLUE AP (Bologna Local Urban Environment Adaptation Plan for a Resilient City, see good practice) in partnership with Kyoto Club, Ambiente Italia and ARPAE Emilia Romagna (Regional Agency for Environmental Protection) targeted at taking tangible measures to make the city less vulnerable to the consequences of climate change.

In the light of the Plan a package of integrated actions, defined "pilot actions", have been launched: drinking water saving and water treatment; collection and storage of rainwater; targeted use of plant species to improve the microclimate and reduce air pollution; pre-emptive insurance against risks.

The Plan consists of a local Strategy and an Action Plan that translates these strategies into measures. Strategy and Plan make reference to a medium-term time frame that takes 2025 as the year of achieving goals.

Since the very design of the Strategic Document, a high focus was devoted to detecting actions tasked to the local administration and those that must be taken care of at metropolitan, regional or even national level.

The Adaptation Plan was built with a participatory process of collaboration with actors of plan strategies. The various parties involved in the path belong to public bodies, public and participative enterprises, universities, facilities managers, multi-utilities, consortia, trade associations, consumer associations, environmental associations and the protection of land, businesses, foundations.

The results have been assessed together with the Scientific Board of the BLUEAP project and validated by the Board. The Scientific Board was coordinated by CMCC and composed by representatives of scientific and research institutions and universities.

The Bologna Adaptation Plan can be considered a good practice for results achieved not only as planning instrument, but also as a concrete collaborative action plan of the City which represent an example for the the cities sharing with Bologna climate conditions, urban and social environment.

The structure of the Plan can be replied in other medium-size cities, as well as some actions which are more suitable to their uses and needs.

In March 2017 a new “call to action” was launched for the implementation of “Bologna resilient city”. More than fifty new proposals were submitted and shown during thematic round tables.

Some actions are going to be inserted in the plan after an evaluation about their consistency with the goals set in the Plan.