




Manual for Area of Support: **Climate Change**
Mitigation and Adaptation at Local Level

A photograph of a modern building facade featuring large glass windows and vertical gardens. The vertical gardens are integrated into the window frames, showing various plants and foliage. The building has a dark frame and the windows reflect the surrounding environment. A semi-transparent white box is overlaid on the center of the image, containing text.

The environment is a complex and interconnected system of living and inanimate elements that interact with each other.....

Why Climate Change?

The Climate Change is one of the most discussed topic of the contemporary world. Extreme storms, long-lasting droughts, heavy rains, high temperatures, biodiversity loss... are just a part of the impacts that we associate with the term “climate change” and in which we see a threat to our society. However, in order to understand the seriousness of this global phenomenon and all its consequences, it is necessary to understand the environment not only in an ecological sense. The environment is a complex and interconnected system of living and non-living elements that interact with each other and provide a place for the existence of all organisms, including humans, and which is a prerequisite for their further development. In the future, the climate change and the related changes of environment we live in can negatively affect all aspects of our society – urban quality of life, agriculture, industry, food and drinking water availability, safety. It is necessary to be prepared for these risks and to adopt a common attitude towards them. Only a long-term and strategic approach can minimize negative impacts. However, the very effects of climate change need to be confronted not only at international or national level, but also at the level of specific municipalities and regions that are best able to reflect the negative impacts of climate change in their area and the needs of their people. That is why our Programme focuses on the creation and implementation of adaptation strategies, especially at the local level of regions and municipalities.



Only a long-term and strategic approach can minimize negative impacts.

Climate Change in the Norway Grants Programme

At the national level, the strategic approach to the risk posed by the climate change is defined in particular by the **Strategy on Adaptation to Climate Change in the Czech Republic** (so called Adaptation strategy of the Czech Republic), whose current version until 2020 and with the view to 2030 is currently being updated. It is implemented through the so-called **National Action Plan on Adaptation to Climate Change**.

The Environment, Ecosystem and Climate Change Programme, supported by the **Norway Grants 2014–2021** (hereinafter referred to as the “Programme”), with an allocation of nearly 10 million EUR, focuses, within its fourth support area, in particular on promoting a long-term strategic approach to mitigate and adapt to climate change at the local level or at the level of significant ecosystem or landscape features and units (forests, river basins, protected areas, etc). Applicants can get grant assistance from the Programme for the development of regional/local adaptation and mitigation plans, so called Adaptation Strategies. At the same time, if the applicant already has its own **Adaptation Strategy**, which has been elaborated and accepted for that area by competent representatives (eg city council, region council etc.) and its fulfillment is ensured, the Programme will support the implementation of specific selected nature-based measures identified in Adaptation Strategy.

Our goal is to increase the resilience of regions, individual settlements and their surroundings to the negative impacts of climate change and to reduce negative impacts of this change on the population of the Czech Republic.

Our goal is to increase the resilience of regions, individual settlements and their surroundings to the negative impacts of the climate change.

Basic information about the area of support

Creation of long-term strategy in the fight against climate change and implementation of specific adaptation and mitigation measures is part of the 4th area of support within the Programme. The aim of this area of support is the creation and subsequent application of **strategic documents at the local and regional level in the Czech Republic**. The area of support also includes a small grant scheme focusing on climate change education projects.

The implementation of selected nature-based measures identified within regional strategies and plans will also be supported.

What is the project grant rate?

→ The grant assistance is provided up to a 90% of the total eligible expenditure of the project. The maximum amount of project grant within the call can be found of the following pages of this manual.

Who can apply for a grant?

- representatives of public administration at regional or local level;
- representatives of organization that manage significant unit of our territory;
- non profit organizations and experts on climate change and adaptation measures;
- other legal entities which, in cooperation with the above partners, will ensure the long-term implementation of measures taken to adapt and mitigate climate change.

Are you interested in applying for a grant? Detailed information for applicants can be found in the Guide for Applicants and Beneficiaries, which is available for each call on the website www.sfzp.cz


What do we expect from your projects?

When designing your projects, keep in mind that the Programme favors a **long-term strategic approach** to tackle the phenomenon of climate change and also recognizes its societal scope and the dynamic developments most sectors are currently experiencing in this context.

During the development of adaptation strategies, emphasis should be placed on the societal breadth of climate change impacts and the **multi-sectoral perception** of the approaches considered. It is desirable to subject the elaborated strategies to the **evaluation of both incoming and expected impacts** in the long term and to consider, in the form of externalities, the potential benefits or shortcomings of the proposed measures.

Also in this area, **innovative potential** and enabling the **dissemination of examples of good practice** to other authors of similar adaptation strategies is very welcome. The effectiveness of the plans and the measures proposed in them should also be complemented by the **financial aspect** of the project, ie not only the form and manner of the implementation of the measures is important, but we also emphasize efficiency in terms of **long-term sustainability**.

All implemented projects must meet the **mandatory communication minimum**. As part of this, final beneficiary will develop his **communication plan and information campaign**, which will present not only the measures used, but also make the public aware of the importance of climate change and its impact at the local level.



Is your region, your municipality
or your area already prepared
for climate change?

We will support the creation of
your local **adaptation strategy**.

SGS 4a: Development of plans for adaptation and mitigation to climate change at the local level

Small grant scheme

Total allocation: € 1 000 000
Expected date of announcement: autumn 2019
Minimum and maximum project grant: € 5,000 to € 50,000

What key will we use to evaluate the submitted applications?

In particular, the following groups of criteria will be considered when evaluating and selecting projects:

- territorial scope and impact of the proposed measures
- link to spatial planning concept
- multidisciplinary focus and strategies of proposed measures
- evaluation of the strategy from the economic, environmental, social and technological and other benefits
- innovative approach and transfer of good practice examples
- longevity and sustainability of the proposed measures
- bilateral, possibly other international cooperation

What mandatory indicators do you must follow in your project?

- Number of municipalities with compliance with national or EU mitigation and/or adaptation strategies/plans - number of municipalities included in newly prepared strategies
- Number of new mitigation/adaptation plans developed
- Number of people potentially affected by implementation of new plans

Your application will be evaluated and monitored in term of mandatory indicators. However, the applicant may also monitor and evaluate project with optional indicators. Optional indicators, where monitoring and recording of benefits within the supported projects are welcome, are indicators of vulnerability and adaptation of the Czech Republic in relation to the vulnerability of the Czech Republic to climate change, resp. National codebook of indicators.

* SGS – Small Grant Scheme.



Have you already prepared your adaptation strategy and are you looking for the sources of funding **to implement it?**

Norway Grants will provide funding for **the implementation of selected types of adaptation measures.**

Call 4b: Implementation of selected nature-based adaptation measures arising from adaptation and mitigation strategies

Open call

Total allocation: € 8 691 169
Expected date of announcement: autumn 2019/autumn 2021
Minimum and maximum project grant: € 200,000 to € 1,000,000

What key will we use to evaluate the submitted applications?

In particular, the following groups of criteria will be considered when evaluating and selecting projects:

- evaluation of the implemented measure in terms of economic, environmental, social, technological and other benefits
- link to spatial planning concept
- innovative approach and transfer of good practice examples
- cost and efficiency
- conditions of sustainability of the implemented measure
- bilateral, possibly other international cooperation

What mandatory indicators do you must follow in your project?

- Number of mitigation/adaptation measures implemented
- Number of selected municipalities/regions with mitigation/adaptation measures implemented
- Number of people positively affected by implementation of mitigation/adaptation measures

Your application will be evaluated and monitored in term of mandatory indicators. However, the applicant may also monitor and evaluate project with optional indicators. Optional indicators, where monitoring and recording of benefits within the supported projects are welcome, are indicators of vulnerability and adaptation of the Czech Republic in relation to the vulnerability of the Czech Republic to climate change, resp. National codebook of indicators.

Supported measures:

Our Programme will support only the implementation of natural and nature-based elements of the so-called **green and blue infrastructure**, which are **part of adopted adaptation strategies**.

- Replacement of small paved areas with greenery and tree planting (except for complex transport measures)
 - the aid also concerns individual planting of trees and greenery on parts of paved areas of transport infrastructure, ie car parks, islets and dividing belts, individual planting on paved areas of settlements or replacement of surfaces of paved playgrounds to green playgrounds

- acquisition and implementation of green or blue elements with a positive impact on the microclimate of the settlement
 - elements providing cooling effect or noise reduction, including support for elements of modern construction excluding unrelated building modifications

- purchase and installation of small green elements, a significant part of which are living vegetation (including overhead beds and flower boxes in cases where it is not possible to implement other nature-friendly measures)

- establishment and restoration of green areas in terms of spontaneous succession (including flowery meadows)

- acquisition or reconstruction of water elements of paved areas (without the support of architecturally valuable elements and unrelated buildings)

- support of other landscape elements of green and blue infrastructure that cannot be supported by the Operational Program Environment and which have a verifiable contribution from the perspective of climate change

- elaboration of territorial and settlement studies from the point of view of urban ecology or in the open countryside and prevention of negative impacts of climate change

Get inspired by examples of good practice - green your square. Even small green elements can improve the quality of life...



Czech Republic

Hungary



Czech Republic

Original water features also will help cool down your streets...



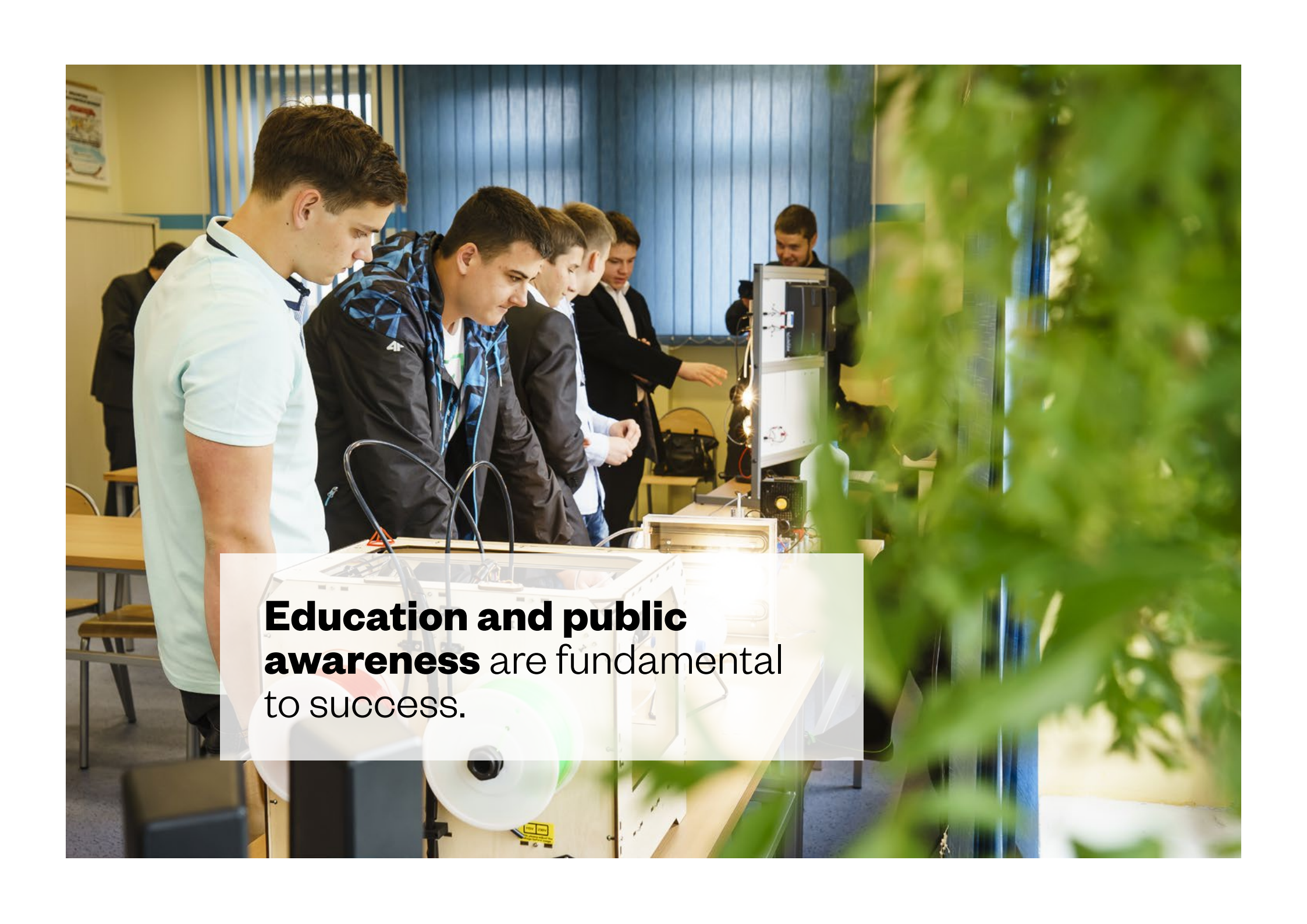
Czech Republic



Czech Republic



Slovakia



Education and public awareness are fundamental to success.

SGS* 4c: Public awareness raising and capacity building on climate change, mitigation and adaptation to these changes

Small grant scheme

Total allocation: € 300 000
Expected date of announcement: spring 2020
Minimum and maximum project grant: € 5,000 to € 50,000

What key will we use to evaluate the submitted applications?

In particular, the following groups of criteria will be considered when evaluating and selecting projects:

- numbers of directly and indirectly addressed participants
- range and quality of media outputs
- professional contribution
- innovative approach and transfer of good practice examples
- cost and efficiency
- short / long term benefits of promotional activities

What mandatory indicators do you must follow in your project?

- Number of awareness-raising campaigns and propagation activities
- Number of people reached by awareness campaigns and propagation activities
- number of people completing training - attending organized trainings, workshops, seminars

Supported measures:

- carrying out information campaigns and informing the public about the benefits of implemented measures in terms of climate change
- organization of seminars and workshops on climate change
- preparation and publication of professional and information media outputs on the issue of climate change
- school projects


Your application will be evaluated and monitored in term of mandatory indicators. However, the applicant may also monitor and evaluate project with optional indicators. Optional indicators, where monitoring and recording of benefits within the supported projects are welcome, are indicators of vulnerability and adaptation of the Czech Republic in relation to the vulnerability of the Czech Republic to climate change, resp. National codebook of indicators.

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Bilateral aspect within the area of support

The fight against climate change is very often associated with the word “global.” And since climate change is truly a global and social phenomenon, this area of support is also significant in favor of bilateral cooperation, respectively overall international cooperation. Norway, which is for most people the synonymous with pure nature, is becoming a leader for an approach whereby nature-based measures are implemented in a very gentle and efficient way. Norway also introduce low-carbon measures very successfully at local and regional levels. Norway also takes global economic responsibilities responsibly in the context of individual, often isolated communities. And last but not least, Norway has been able to explain to the general public in the form of imaginative incentives that changing individuals’ attitudes does not necessarily mean reducing living standards. Rather, a change in this perception can shift human potential not only at the technological level but also at the level of personality development.

Cooperation with Norwegian partners during the project preparation can bring great benefits, especially in the implementation of regional and local strategic plans. But also can help with transfer of examples of good practice in introducing of small, nature-based measures that can effectively improve micro-climatic aspects of high temperatures, and they also have positive and very educational effects on the inhabitants and visitors of these places. This is related to another possible area of cooperation, which is experience in informing the public, for example in introducing innovative elements in often conservative regions.

An aerial photograph showing a residential area that has been severely flooded. The water is a murky, brownish-green color, completely inundating the streets and yards. In the foreground, a concrete ledge or roof edge is visible. The background shows a dense line of green trees under a clear blue sky. A semi-transparent white text box is overlaid on the center of the image.

Do you need advice
on adaptation strategy
development or are you
looking for interesting
examples of adaptation
measures?

Be inspired by **examples
of good practice.**

How do cities around the world deal with climate change?



Germany, Hannover



Sweden, Malmö

USA, Portland



Netherlands, Apeldoorn



Get inspired online: climate-adapt.eea.europa.eu; www.veronica.cz/projekt-resilience-a-adaptace-na-klimatickou-zmenu-v-regionalnich-strategiich-2015-2016



China, Shenyang



Netherlands, Amsterdam



Germany, Hannover



Germany, Filderstadt

Get inspired online: adaptace.ci2.co.cz; www.adaptacesidel.cz



noise barrier



flowery meadow

overhead flower-beds



small green elements



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If you have any questions or concerns regarding this area of support, please send your question to norwaygrants@sfzp.cz.



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