

# SUSTAINABLE CONSTRUCTION CHARTER

## GENERAL ORIENTATIONS

The shift towards a green economy and more responsible and sustainable tourism is a priority of the Quebec government. To encourage this shift, the financial support granted under this program must demonstrate the applicant's commitment to favoring the main principles of sustainable construction for the work it plans to carry out.

This charter aims to serve as a working basis for a concerted approach between the various stakeholders concerned (e.g.: promoter/project manager, professionals, contractors and subcontractors, municipality, community, etc.) to encourage integration and the prioritization of sustainable construction principles at the different stages of project implementation.

It includes below a non-exhaustive list of concepts and avenues of intervention associated with sustainable construction so that the applicant is aware of it and commits to favoring its application, when possible, for the project that he wishes to carry out as part of the Support Program for the Development of Tourist Attractions (PADAT).

## INTEGRATED DESIGN

Taking into account environmental, social and economic issues in the design of a building must be shared by the various stakeholders involved in its construction. To do this, the use of the “integrated design” process is preferred. This consists of bringing together all the key stakeholders in the project from the first design stages rather than involving them one after the other. The work team thus formed can then work in a collaborative and concerted manner to anticipate problems and resolve them optimally from the planning phase. Project coordination and the identification of solutions that are both effective and sustainable are then facilitated, while significantly reducing unforeseen events that are often costly on site.

## SUSTAINABLE DEVELOPMENT, PROTECTION OF THE NATURAL ENVIRONMENT AND BIODIVERSITY

Sustainable development is to be favored by prioritizing in particular the built sectors and served by infrastructure, by promoting sustainable mobility and by limiting the impacts on species and natural environments.

## SOCIAL ACCEPTABILITY, HERITAGE AND POSITIVE BENEFITS FOR THE COMMUNITY

Each project can generate significant benefits for the environment in which it takes place. It is therefore important to consider its social acceptability, its context of implementation and its contribution so that it can contribute positively to the community which hosts it.

## ENERGY MANAGEMENT, CLEAN TECHNOLOGY AND DECARBONATION

The economy must be transformed to become greener, more sustainable, lower carbon and more resilient. Reducing energy needs at source, improving energy efficiency as well as the selection of clean technologies and green and renewable energy sources are all paths to be favored  
For

support responsible energy consumption that is conducive to reducing greenhouse gas (GHG) emissions in Quebec.

## **WATER MANAGEMENT**

Responsible consumption of drinking water and sustainable management of rainwater and runoff is another important consideration of sustainable construction. Particular attention should be paid to the selection of plumbing equipment and water-consuming devices. Water recovery to meet certain needs for which drinking water is not a necessity, such as outdoor watering or filling toilets, is also to be prioritized.

## **SUPPLY, CHOICE OF MATERIALS AND MANAGEMENT OF RESIDUAL MATERIALS**

The circular economy must be favored to ensure responsible and sustainable consumption of resources. Therefore, it is important to apply the 3R hierarchy (source reduction, reuse, recycling and recovery) to reduce resource consumption and waste generation. The choice of suppliers, products and materials of local origin or recognized for their eco-responsible nature must also be encouraged.

## **QUALITY OF THE INDOOR ENVIRONMENT**

For a building to be sustainable, it must also offer a healthy indoor environment, that is to say, indoor air quality must be ensured by reducing the presence of atmospheric contaminants to a minimum and by with optimal ventilation of the premises. The design of spaces favoring the provision of natural light and ventilation as well as a generous view of the exterior also contributes to the quality of the interior environment.

## **ADAPTATION TO CLIMATE CHANGE**

Climate change is an undeniable and evolving reality that requires awareness of the vulnerabilities and associated impacts. Once fully aware of the specificities applicable to the project implementation context, the implementation of relevant adaptation measures favorable to the construction of resilient and sustainable infrastructure must be prioritized.

# COMMITMENT TO TAKE INTO ACCOUNT AND APPLY THE PRINCIPLES OF SUSTAINABLE BUILDING

## Commitment

As a project leader, I undertake to favor, where possible, the consideration and application of the main principles of sustainable construction at the different stages of carrying out the project which is the subject of this funding request. .

For projects carried out near fragile environments:

- - I have become aware of my legal obligations relating to the [Environmental Quality Act](#) and the [Regulation respecting the supervision of activities based on their impact on the environment \(REAFIE\)](#) and those relating to the [Act on threatened or vulnerable species \(LEMV\)](#). (For information, please contact your [regional directorate of the Ministry of the Environment, the Fight against Climate Change, Wildlife and Parks](#))
- - I undertake to respect my legal obligations and to minimize the impacts or to compensate for the inevitable losses of fragile natural environments caused by the project as well as to provide the relevant evidence to the manager of the financial support program, if he does so. Requirement.

Signature of Applicant : \_\_\_\_\_ Date : \_\_\_\_\_

Québec 