



# ISO 14080

Briefing note

## **Climate change –** *Mitigation and adaptation*

### **Guidance with framework and principles for methodologies on climate actions**

ISO 14080 provides guidance on the framework for the development of new methodologies and the use of existing methodologies for climate action (mitigation and adaptation) and their review, revision and management to meet stakeholder needs. ISO 14080 includes guidance for identification of existing methodologies, their selection and application includes reviewing, updating and maintaining methodologies. It also includes a specific guidance for designing, developing and evaluating new methodologies.

The application of ISO 14080 will provide

- consistent and comparable methodologies within (for the use of) frameworks for a various range of users, such as private and industrial sectors, local governments, cities, supply chains, and other organizations;
- effective climate action, national contributions and result-based mechanisms, activities by selecting, developing, implementing, and managing methodologies and selecting technologies (including the assessment of the technology);
- effective and transparent communication on the results of application of methodologies;

that meet GHG programmes and the needs and requirements of climate finance.

## Effectiveness

This standard will support methodologies to assess effectiveness of climate action mitigation/ adaptation, national contributions and result-based mechanisms, and to achieve the objective(s) and goal(s), stakeholders will be able to reduce GHG, to manage to mitigation and adaptation.

## Consistency and the integrity of use of methodology

This standard will enhance the consistency of methodologies developed within (for the use of) frameworks for the implementation of climate action mitigation/adaptation, national contribution and result-based mechanism.

## Comparability

For stakeholders interested in climate action across multiple sectors or programmes, this standard will enhance comparability of existing and new methodologies used.

## Compatibility

This standard will provide guidance for users to establish rules and frameworks for the development of a system of compatible methodologies.

This standard

- provides terms and definitions for common understanding of climate action :
  - **Adaptation**
  - **Climate action plan**
  - **Climate finance including green funds**
  - **Eligibility criteria**
  - **Environmental integrity**
  - **Framework**
- defines steps the framework of methodologies to set a clear MRV and encourage the management of aggregated action and its results ;
- supports to clarify the scope of adaptation and its activities ;
- introduces a common framework to make adaptation and mitigation schemes more compatible, and elaborates different approaches of mitigation and adaptation ;
- supports sustainable development for developed and developing countries in relation to mitigation and adaptation ;
- support methodologies to assess effectiveness of climate action mitigation/ adaptation, national contributions and result-based mechanisms ;
- helps financial institutions who wish to determine the financial investment are being used the methodology effectively to assess the impact of their support on mitigation and adaptation ;
- use as Communication tool for climate action plan and national action plan.

The system of framework should cover the following process :

1. Collect the information of the relevant policies and strategies in related with climate change.
2. Set objectives and goals, appropriate to the interested parties and stakeholders.
3. Define and plan the framework for developing/revising methodologies and for managing the methodologies and the system of methodologies to be developed by organization.
4. Identify the potential methodologies among existing methodologies.
5. Assess whether the methodologies are directly applicable or requires revision.
6. If revision is required, review the scope and document the revision.
7. If new development of methodology is required, assess the proposed methodology including: Resource availability (human, financial knowledge), Design concept (Objectives, Plan for developing methodologies, Team competence for developing methodologies and Documentation).
8. Ensure that the proposed new methodology is compatible and comparable.
9. Evaluate the applicability of developed new methodologies.
10. Assess whether the new methodology is effective and enables transparent communication on the results of the application of methodologies for climate action plan, national contributions and other result-based mechanisms.
11. Consider the requirements of stakeholders for public consultation.
12. Establish regular periodic review cycle, using QA/QC procedures to review, update and maintain the methodology.
13. Review the methodology, and changed or updated if applicable.

The framework will support

- generating a timelier and comprehensive picture of national or sectoral GHG emissions trends;
- quantifying the GHG impact of such actions (i.e. calculating the difference between performance and baseline);
- identifying promising areas for future GHG mitigation action;
- building trust, by providing for an MRV system that will confirm that what is actually happening in terms of GHG mitigation actions (and/or support) reflects the actions/commitments that different countries have agreed to;
- developing a baseline helps highlight mitigation potential (of sector). Would allow for a more comprehensive picture of sectoral emissions trends;
- a robust MRV program is critical to inform policy development and for all types of market instruments.