|  |
| --- |
| This section can be deleted before adding the MAS to the MADD. |
| This document is a template for an international mitigation activity summary (MAS). This summary is a mandatory part of an application for the Swiss authorization of a mitigation activity under article 6.2 of the Paris Agreement. This is not a template for the Mitigation Activity Design Document (MADD), but a summary, referring to the content of the MADD. The MAS should be an annex to the MADD and part of the same digital document.  The format of the MADD can be freely chosen by the applicant. Therefore, this MAS allows all formats for MADD required in partner countries.  Please add unambiguous reference to the MADD in the corresponding row (giving information of the chapter, page and paragraph in the MADD where the information can be found). Only one reference should be necessary. If not, the MADD should be revised to allow direct referencing.  The MAS is also a check-list and source of help for applicants. Once all points of the MAS are referenced to the MADD, the MADD can be complete. At the end of the MAS a check-list for the application format can be found.  Helpful links:   * - [further information about requirements of the project and the framework](https://www.bafu.admin.ch/dam/bafu/en/dokumente/klima/uv-umwelt-vollzug/projekte-und-programme-zur-emissionsverminderung-und-erhoehung-der-senkenleistung-kop22.pdf.download.pdf/UV-1315-E_KOP2022.pdf) * - actual and old versions of the [CO2-ordinance](https://www.fedlex.admin.ch/eli/cc/2012/856/en) (if English translation is missing, try older version).   Please check whether you are using the most recent version of the MAS template by visiting: [www.bafu.admin.ch/kompensation](http://www.bafu.admin.ch/kompensation) |

1. **Overview**

This section contains formal and most important information of the mitigation activity.

|  |  |  |
| --- | --- | --- |
|  | **Reference to MADD (chapter, page, paragraph)** | *Comments from the compensation office.* |
| * 1. Title of Activity |  |  |
| * 1. Country of Activity |  | [*List of countries Switzerland has bilateral agreements with.*](https://www.bafu.admin.ch/bafu/en/home/topics/climate/info-specialists/climate--international-affairs/staatsvertraege-umsetzung-klimauebereinkommen-von-paris-artikel6.html) |
| * 1. Project Type |  | *Explicit mentioning whether it is a project, or a program.*  *Select a project type from the list (see Annex L to FOEN communication)[[1]](#footnote-1)*  *Confirm that project type is not excluded (CO2-O, Annex 2a)* |
| * 1. Project Number/FOEN ID Number as stated in Swiss Feedback on MAIN or Swiss Letter of Intent (if available) |  | *5xxx* |
| * 1. Version and date of this Mitigation Activity Summary (MAS) |  | *Vx.x DD.MM.YYYY* |
| * 1. Version and date of the corresponding MADD |  | *Vx.x, DD.MM.YYYY* |
| * 1. Version and date of the validation report |  | *Vx.x, DD.MM.YYYY* |
| * 1. Eligibility criteria for projects in the program |  | *If the activity is a program, specify the eligibility criteria for the projects within the program (Art. 5a, CO2-O).* |
| * 1. Summary |  | *The summary in the MADD should communicate to a wide range of readers (including legislators, project developers, validators) the aims of the project, the technology applied and the expected emissions reductions. It has to contain at least the following aspects:*   * + *Technology*   + *Current state*   + *Aim(s)*   + *Reference scenario*   + *Additionality*   + *Monitoring concept and methodology* |
| * 1. Expected emission reductions (ER) per year and over project duration (in t CO2eq) |  | *The MADD should contain the following information:*   |  |  | | --- | --- | | *Year* | *Expected ER (t CO2eq)* | | *20xx* |  | | *(…)* |  | | *Total (until 2030)* |  | | *Total (entire project duration)* |  | |
| * 1. Applicant (project owner) |  | *Company name, contact person, full address, E-Mail and telephone number of contact person*  *This entity is the official focal point to speak on behalf of the project. This entity will during monitoring define on which account the issued ITMOs will be transferred.*  *Any changes of the applicant have to be communicated to the compensation office by e-mail to* [*carbonoffset@bafu.admin.ch*](mailto:carbonoffset@bafu.admin.ch) |
| * 1. Contact person (if applicable) |  | *If the applicant is not the person to contact for further questions on the activity by the compensation office (such as project developer, validation body, buyer of ITMO’s):*  *Company name, contact person, full address, E-Mail and telephone number of contact person*  *This contact person will receive clarification requests CR and corrective action requests CAR from the compensation office and is allowed to send new versions of MADD to the compensation office.* |
| * 1. Start date of implementation |  | *DD.MM.YYYY* |
| * 1. Duration of 1st crediting period |  | *DD.MM.YYYY – DD.MM.YYYY (max. 31.12.2030)* |
| * 1. Duration of activity (years) |  |  |

1. **Aims of the project/program**

This section presents the most important information required to place the planned activity in a broader context and the existing (inter)national frameworks.

|  |  |  |
| --- | --- | --- |
|  | **Reference to MADD** | *Comments from the compensation office.* |
| * 1. Current state |  | *Description of the current situation and the state of preparations for the activity implementation.* |
| * 1. Aims |  | *Description of the activity and its goal(s).*  *Explanation how the activity reduced greenhouse gas emissions.* |
| * 1. Reference scenario / baseline |  | *How would the situation develop without the implementation of the activity? (Art. 5.b.3, CO2-O)*  *Are there alternative ways how the project aim(s) can be reached? Provide relevant alternative developments as an example.* |
| * 1. Technology, state-of-the-art and common practice |  | *Description of the technology used.*  *Assessment of the established common practice in the host country and the current state-of-the-art approaches. (Art. 5.b.2, CO2-O).* |
| * 1. Analysis of potential social and environmental impacts *(Art. 5.b.5, CO2-O; Art. 6.2, PA*) |  | *Are there potential social and/or environmental repercussions of the activity?*  *Explicitly mention what part of the revenues from ITMOs is provided to the people realizing the mitigation activity. Explicitly mention how this will be proven during monitoring.*  *Examples for people realizing the mitigation activity:*   * *Users of improved cookstoves or energy efficiency devices* * *Farmers, implementing advanced watering and drying management on their rice fields or running a biogas plant* |

1. **Additionality (Art. 5.b.1, 5.b.4, CO2-O)**

This section should provide a concise overview of the different dimensions of additionality, i.e. financial additionality (the activity would not be economically viable without carbon revenue) and regulatory additionality (the activity would not occur based on the national, sector-specific targets and/or development programs).

|  |  |  |  |
| --- | --- | --- | --- |
|  | | **Reference to MADD** | *Comments from the compensation office.* |
| * 1. Financial additionality | |  | *Description why the internationally transferred mitigation outcomes (ITMOs) based on the achieved emission reduction are decisive regarding the (financial) implementation of the activity. It has to follow the chapter 6 “Additionality” and in particular 6.3.1 “Economic feasibility analysis» of the* [*compensation offices guidance*](https://www.bafu.admin.ch/bafu/en/home/topics/climate/publications-studies/publications/emission-reduction-and-carbon-storage-projects-and-programmes.html)*.*  *Discussion how the carbon revenue is utilized within the activity (see also 2.5 of this MAS)*  *If possible, estimate impacts on continuation of the activity after the crediting period.* |
| * 1. Regulatory Additionality | * + 1. Nationally Determined Contributions (NDC)  (*Art. 6.4, PA*) |  | *Assessment of the activity in the framework of the local NDC development (mentioning its relation to conditional and unconditional NDC) and in the sector-specific political goals.* |
| * + 1. Assessment of relevant laws in the host country. |  | *Overview of relevant laws and consequences for the mitigation activity.* |
| * + 1. Sustainable Development Goals (SDG) *(Art. 5.b.5, CO2-O; Art. 6.2, PA)* |  | *Short summary of SDGs that would be impacted by the activity; if possible, quantitatively. Has to be included within the monitoring concept.* |

1. **Quantification of emission reductions and carbon storage**

This section contains the monitoring concept (ex-post calculation). It has to fully explain which methodology is utilized to calculate emission reductions or carbon storage and what monitoring concepts are envisioned to ensure accurate and precise determination of emission reduction and carbon storage during the activity duration. Errors in the calculation may result in overestimation of emission reductions and carbon storage, rendering the activity potentially incompatible for compensation projects. Generally, conservativeness and accuracy of available measurements should be discussed thoroughly. The more precise measurement methods are available and implementable, the less conservative the assumptions need to be, and vice versa: in case accurate and precise measurements are not fully implementable conservative adjustment factors should be included.

|  |  |  |  |
| --- | --- | --- | --- |
|  | | **Reference to MADD** | *Comments from the compensation office.* |
| 1. *Ex-post* calculation of emission reductions | 1. Mandatory spread sheet attached to the MADD | Annex: X | *A spread sheet following the template (Annex M[[2]](#footnote-2)) has to be attached to the MADD. It has to contain the essential monitoring descriptors to be used and has to be used during monitoring for the emission reduction calculation. The compensation office will use this file once monitoring report arrives to check the calculations.*  *Explicitly explain what data is going to be measured during monitoring.*  *Identification of critical (fixed and/or dynamic) parameters for the emission reduction quantification.*  *Indication of the relevant greenhouse gases to be considered.* |
| 1. *Improvements of known methodologies* |  | *If a published standard methodology is utilized: Identification of the applied method and description of potential deviations. Known weaknesses of the methodologies have to be addressed and improvements should me incorporated in the MADD.* |
| 1. *Leakage* |  | *Is there a potential for leakage (shift of emissions outside of the system boundaries)? (Art. 5.f, CO2-O)* |
| 1. *Conservativeness* |  | *Assessment of conservativeness of the applied methodology.* |
| 1. *Overestimation* |  | *Assessment of potential overestimations and relevant mitigation strategies to avoid overestimation.* |
| 1. *Permanence* |  | *Assessment of permanence of the emission reductions; if applicable. For carbon storage projects mandatory.* |
| 1. *Additional information to the spread sheet* |  | *Only if additional information to the mandatory spread sheet is necessary: detailed description of how the emission reductions are calculated from the measured data. If default values are used, explanation of their applicability.* |
| 1. *Ex-ante* calculation of emission reductions (only if ex-ante and ex-post calculations differ) | |  | *Description of the method(s) used to determine the ex-ante emission reduction.* |

1. **Other Claims**

This section explains that the claims of the mitigation activity are not used otherwise. Therefore, potentially overlapping claims have to be addressed.

|  |  |  |
| --- | --- | --- |
|  | **Reference to MADD** | *Comments from the compensation office.* |
| 1. Double-Counting |  | *Assessment of potential double-counting of emission reductions and declaration of additional funding sources (expected or received).*  *Allocation of effects (impact distribution analysis?)* |
| 1. Double-Issuance |  | *Assessment of potential double-issuance of ITMOs and declaration of additional funding sources (expected or received).* |
| 1. Interfaces to other compensation projects, national funding or other funding sources |  | *Discussing potential interfaces with any other projects aiming to reduce emissions or store carbon and with any other funding.* |

1. **Signatures for publication of the documents**

On behalf of all persons concerned, the applicant agrees to the publication of the following documents on the mitigation activity ("compensation project") on the website of the Swiss Federal Office for the Environment FOEN:

|  |
| --- |
| Consent to publication (please check what applies)  I agree with the publication of this MAS and the associated MADD including all its annexes (version and date as stated under 1.5 and 1.6, respectively). The documents contain neither my own business or manufacturing secrets nor those of third parties. I confirm that I have contacted the third parties concerned and that, from their point of view, no trade or manufacturing secrets are contained in these documents. I agree that my contact details may be published.  I agree with the publication of a partially redacted edition of this MAS and the associated MADD including all its annexes (version and date as stated under 1.5 and 1.6, respectively), which protects the business or manufacturing secrecy of all persons concerned. I confirm that I have contacted the third parties concerned and have made the redactions with their consent. The third parties concerned agree to the publication of the partially redacted edition. This public edition of the documents will be submitted before reception of the letter of authorisation, at the latest. |
| Validation report document |
| Consent to publication (please check what applies)  I agree with the publication of the validation report including all its annexes (version and date as stated under 1.7). The document contains neither my own business or manufacturing secrets nor those of third parties. I confirm that I have contacted the third parties concerned and that, from their point of view, no trade or manufacturing secrets are contained in this document.  I agree with the publication of a partially redacted edition of the validation report including all its annexes (version and date as stated under 1.7), which protects the business or manufacturing confidentiality of all persons concerned. I confirm that I have contacted the third parties concerned and have made the redactions with their consent. The third parties concerned agree to the publication of the partially redacted edition. This public edition will be submitted before reception of the letter of authorisation, at the latest. |

1. **Communication regarding the application**

The applicant consents to the compensation office communicating with the following parties regarding this application and exchanging documents:

|  |  |  |
| --- | --- | --- |
| Validation Body | yes | no |
| Stakeholder *(replace by role description)* | *Other than applicant and contact person (third parties such as project developer, project operator, buyer of ITMO’s, creditor, …):*  *Company name, contact person, full address, E-Mail and telephone number of contact person*  *Duplicate row, if applicable* | | |

|  |  |
| --- | --- |
| Location, Date |  |
| Name |  |
| Signature |  |

1. **Legal framework**

The legislative framework for international CO2-compensation activities is mainly defined through the following documents; The Swiss CO2-Law[[3]](#footnote-3), CO2-Ordinance (CO2-O)[[4]](#footnote-4), Paris Agreement (PA)[[5]](#footnote-5) and the respective bilateral agreement[[6]](#footnote-6) between Switzerland and the country, in which the activity is taking place. More information can also be found in the communication published by the compensation office of the Swiss Federal Office for the Environment (FOEN) on[Emission Reduction and Carbon Storage Projects and Programmes (admin.ch)](https://www.bafu.admin.ch/bafu/en/home/topics/climate/publications-studies/publications/emission-reduction-and-carbon-storage-projects-and-programmes.html)

1. **Checklist for a complete application**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Document | Electronic submission to [carbonoffset@bafu.admin.ch](mailto:carbonoffset@bafu.admin.ch) | By Post[[7]](#footnote-7) |
|  | This MAS (latest version and duly signed as part of the MADD-Document) | X |  |
|  | MADD (latest version as stated under 1.4 and duly signed) | X | X |
|  | Other annexes of MADD (including at least a spread sheet following the template from the compensation offices guideline, Annex M [[8]](#footnote-8)) | X |  |
|  | Validation report based on the MADD with the version and date as stated under 1.4 and signed by the Validator | X |  |
|  | Project or program authorization granted by the partner country, duly signed (can be sent to the compensation office after other documents have been sent, but before authorization of Switzerland can be issued) | X |  |

1. <https://www.bafu.admin.ch/dam/bafu/en/dokumente/klima/uv-umwelt-vollzug/anhang-l-zulaessige-und-ausgeschlossene-projekt-und-programmtypen.pdf.download.pdf/Anhang_L_Zulaessige-Ausgeschlossene_Projekt-Programmtypen_2022_EN.pdf> [↑](#footnote-ref-1)
2. [Emission Reduction and Carbon Storage Projects and Programmes (admin.ch)](https://www.bafu.admin.ch/bafu/en/home/topics/climate/publications-studies/publications/emission-reduction-and-carbon-storage-projects-and-programmes.html) [↑](#footnote-ref-2)
3. [SR 641.71 - Federal Act of 23 December 2011 on the Reduction of CO2 Emissions (CO2 Act) (admin.ch)](https://www.fedlex.admin.ch/eli/cc/2012/855/en) [↑](#footnote-ref-3)
4. [SR 641.711 - Ordinance of 30 November 2012 for the Reduction of CO2 Emissions (CO2 Ordinance) (admin.ch)](https://www.fedlex.admin.ch/eli/cc/2012/856/en) [↑](#footnote-ref-4)
5. <https://unfccc.int/sites/default/files/english_paris_agreement.pdf> [↑](#footnote-ref-5)
6. [Bilateral climate agreements (admin.ch)](https://www.bafu.admin.ch/bafu/en/home/topics/climate/info-specialists/climate--international-affairs/staatsvertraege-umsetzung-klimauebereinkommen-von-paris-artikel6.html) [↑](#footnote-ref-6)
7. Address: Federal office for the environment FOEN, Compensation office, climate division, 3003 Bern, Switzerland [↑](#footnote-ref-7)
8. [Emission Reduction and Carbon Storage Projects and Programmes (admin.ch)](https://www.bafu.admin.ch/bafu/en/home/topics/climate/publications-studies/publications/emission-reduction-and-carbon-storage-projects-and-programmes.html) [↑](#footnote-ref-8)