**Note:** This template is for PCEM for materials reductions or recirculation.

**Cover page:** Free design, corporate logos can be used (recommended). The content presented here is mandatory, but the format can be changed.

**See general filling instructions on Page 4.**

When the sections are completed, change the pink font colour to black.

Delete this box.

A picture containing text

Description automatically generatedLogotipo

Descripción generada automáticamente con confianza media

Project Description Document

-PCEM Name-

*Space for corporate logos*

|  |  |
| --- | --- |
| Document issued by: | Name(s) of the proponent(s) of the programme or project. |
| Date of issuance: | Day.month.year this report was issued. |
| Contact: | Physical address.  E-mail address.  Telephone number(s).  Web site. |

**Content**

[Abbreviations and acronyms 5](#_Toc136513177)

[1 General information about the PCEM 6](#_Toc136513178)

[1.2 Information from other institutional participants in the PCEM 6](#_Toc136513179)

[1.3 PCEM description 7](#_Toc136513180)

[1.3.1 Type of PCEM 7](#_Toc136513181)

[1.3.2 PCEM location 7](#_Toc136513182)

[1.4 PCEM holdership 7](#_Toc136513183)

[1.5 Characteristics and prerequisites prior to the start of the PCEM 8](#_Toc136513184)

[2 Management of the Circular Economy Programme Activities 9](#_Toc136513185)

[2.1 Coordinating entity 9](#_Toc136513186)

[2.2 Management system of the CoE 9](#_Toc136513187)

[2.3 Accreditation period 9](#_Toc136513188)

[3 Grouped project 10](#_Toc136513189)

[4 Time limits 11](#_Toc136513190)

[4.1 Chronological plan 11](#_Toc136513191)

[4.2 PCEM start date 11](#_Toc136513192)

[4.3 Accreditation period 11](#_Toc136513193)

[4.4 Estimated frequency of verification events 11](#_Toc136513194)

[5 Methodology 12](#_Toc136513195)

[5.1 Applicability of the selected methodology to the PCEM 12](#_Toc136513196)

[5.2 Additionality 12](#_Toc136513197)

[5.3 Project scope 12](#_Toc136513198)

[5.4 No double counting 12](#_Toc136513199)

[5.5 Sources of material generation 12](#_Toc136513200)

[5.6 Baseline scenario 13](#_Toc136513201)

[5.7 Project scenario 13](#_Toc136513202)

[5.8 Methodological deviations 14](#_Toc136513203)

[6 Quantification of materials reduction or recirculation 15](#_Toc136513204)

[6.1 Quantification of materials in the baseline scenario 15](#_Toc136513205)

[6.2 Quantification of materials reduction or recirculation in the project scenario 15](#_Toc136513206)

[6.3 Leakage 15](#_Toc136513207)

[6.4 Net material reductions or recirculation 15](#_Toc136513208)

[7 PCEM Monitoring 16](#_Toc136513209)

[7.1 Monitoring plan 16](#_Toc136513210)

[7.2 Information management 16](#_Toc136513211)

[7.3 *Exante* parameters 16](#_Toc136513212)

[7.4 Expost parameters 16](#_Toc136513213)

[8 Legal and documentary aspects 18](#_Toc136513214)

[8.1 Legal requirements 18](#_Toc136513215)

[8.2 PCEM Documentation 18](#_Toc136513216)

[9 Stakeholder consultation 19](#_Toc136513217)

[10 Contributions to the Sustainable Development Goals of the United Nations 20](#_Toc136513218)

[11 References 21](#_Toc136513219)

[12 Document history (PDD) 22](#_Toc136513220)

[13 Template history 23](#_Toc136513221)

Instructions for filling out this document

This Project Description Document (PDD) template is designed for Programmes or Projects on Circular Economy Materials (PCEM) that wish to register under the Voluntary Programme on Circular Economy (VPCE).

**When filling this document:**

* Delete this page.
* Delete the instructions given in each section and all text in this colour.
* If for some reason a section or subsection does not apply, do not delete it but indicate that it does not apply.
* Once you have added all the necessary content, generate the table of contents of this document again (right click somewhere in the table of contents, in the pop-up menu select “Update fields” and finally choose “Update entire table”).

The **PDD** must be delivered in Acrobat (.pdf) format. In Microsoft Word, when generating the document in this format (Save as, .pdf format), **activate** the option “Create bookmarks using: Headings”.

**Doing it this way will facilitate the work and reduce the VVB’s and certifier's management time.**

Graphical user interface, text, application, email

Description automatically generated

Abbreviations and acronyms

Enter in alphabetical order the acronyms and abbreviations used in the PDD.

|  |  |
| --- | --- |
| **CEC** | Circular Economy Credit |
| **PCEM** | Programme or Project on Circular Economy Materials |
| **PDD** | Project Description Document |
| **VPCE** | Voluntary Programme on Circular Economy |
| **VVB** | Validation and Verification Body |

1. General information about the PCEM
   1. **Information on the PCEM holder**

Provide information about the individual or legal entity that holds a legal document of representation, issued, or endorsed by the PCEM holder or by individuals or organisations that grant certain rights with respect to the PCEM, including the withdrawal of the Circular Economy Credits (CEC) certificate. In case of a Programme of Activities, the holder must be the Programme Coordinating Entity (CoE).

In both cases, legal evidence of representation must be attached.

|  |  |
| --- | --- |
| Name of the institution (if applicable): |  |
| Roles or responsibilities: |  |
| ID: |  |
| Location: |  |
| Phone number: |  |
| E-mail address: |  |

* 1. Information from other institutional participants in the PCEM

Provide information on people or organisations relevant to the PCEM. Duplicate this table if necessary, using one for each participant.

|  |  |
| --- | --- |
| Name of the institution (if applicable): |  |
| Roles or responsibilities: |  |
| ID: |  |
| Location: |  |
| Phone number: |  |
| E-mail address: |  |

* 1. PCEM description

Provide a brief description of the PCEM including the following information:

* Indicate whether it is a Programme of Activities, a Grouped Project, or a Project on Circular Economy Materials.
* Objective and description of the activity to be undertaken.
* Location of the implementation area.
* Type(s) of material(s) considered in the project.
* Duration or lifetime of the PCEM.
* Brief description of the baseline and project scenario.
* Estimated annual (metric tonnes/year) reduction or recirculation of materials from the PCEM.
* Additional positive impacts expected from the implementation of the PCEM.
  + 1. Type of PCEM

Indicate the cycle, type of activity and type of material according to the following categories (delete the table after filling in this section):

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Cycle** |  | **Type of activity** |  | **Type of material** | |
| 19: Biological |  | C10: Reject |  | A. Plastic | 1A: PET |
| 20: Technological |  | C11: Rethink |  |  | 2A: HDPE |
|  |  | C12: Reduce |  |  | 3A: PVC |
|  | C20: Reuse/repurpose |  |  | 4A: LDPE |
|  | C21: Repair |  |  | 5A: PP |
|  | C22: Restore |  |  | 6A: PS |
|  | C23: Remanufacture |  |  | 7A: OTHER |
|  | C24: Recover |  |  |  |
|  | C25: Recycling |  |  |  |

* + 1. PCEM location

Provide details of the location and geographic boundaries of the PCEM, including organisational, geographic, and physical location information, allowing for the unique identification and delimitation of the PCEM. Such information should be reported in geo-referenced form (shp, kml, or equivalent), in a multi-level graphic (map with location in country/national subdivision/municipality and PCEM) and in narrative form (legal description of the boundaries of the PCEM areas).

* 1. PCEM holdership

Describe and provide evidence of holdership or proprietary rights to the PCEM area(s), facility, activity, or process. This may include, as appropriate, but is not limited to:

* Holdership granted by any local authority, such as permits or material[[1]](#footnote-1) use concessions.
* Bilateral or commercial agreements.
* Certificates of ownership and freedom of encumbrances or as appropriate.
* Information from local registers, such as cadastre or land registry.
* Others that apply to the context of the PCEM.
  1. Characteristics and prerequisites prior to the start of the PCEM

Provide details of the existing conditions in terms of technologies, products, or services prior to the start of the PCEM that would be changed after its implementation. If the baseline scenario is the same as the existing conditions prior to the start of the PCEM, its description does not need to be repeated, it should be expanded in the baseline scenario section.

1. Management of the Circular Economy Programme Activities

**If it is not a Programme of Activities, please DELETE the entirety of Section 2.**

If you include this section, add the relevant acronyms at the beginning of the document.

* 1. Coordinating entity

Indicate the name of the Coordinating entity (CoE).

* 1. Management system of the CoE

Provide the following information:

* Description of roles and responsibilities of the CoE.
* Process and review parameters for the inclusion of Circular Economy Programme Activities (CEPA).
* Documentary control system for CEPA.
* Compliance with the principles of the CECs.
  1. Accreditation period

Submit and justify the start and end date of the accreditation period of the Programme of Activities (day.month.year to day.month.year). The accreditation period shall be a maximum of 20 years.

1. Grouped project

**If it is not a Grouped Project, please DELETE the entirety of Section 3.**

If the project is a grouped project, describe and justify the areas, facilities or processes involved and the probable future aggregation of instances (if known in advance).

1. Time limits
   1. Chronological plan

Describe the current status of the project by indicating the important milestones that have been met and the plans or projected timelines for their implementation with their respective dates (day.month.year). May include, as appropriate, but not limited to:

* Feasibility study.
* Permits granted by the local authority.
* Final design of the project.
* Contracts with suppliers.
* Duration or lifespan of the project (in years): indicating the start date of activities (day.month.year) and the end date of the project (day.month.year).
  1. PCEM start date

Submit and justify the start date of the PCEM (day.month.year) in accordance with the latest version of the ***Global Zero Waste and Cercarbono’s Protocol for Voluntary Certification of Circular Economy***.

* 1. Accreditation period

Submit and justify the start and end date of the PCEM's accreditation period (day.month.year to day.month.year). The accreditation period for the PCEMs is 10 years, renewable once for a maximum of 10 years.

* 1. Estimated frequency of verification events

Indicate the frequency at which verification events are intended to be conducted, in accordance with the PCEM monitoring and reporting plan.

1. Methodology

Provide the name and reference or version of the methodology and other methodological tools used[[2]](#footnote-2) in the development of the PCEM.

|  |  |
| --- | --- |
| **Name of the methodology or tool** | **Version** |
|  |  |

* 1. Applicability of the selected methodology to the PCEM

Describe how the PCEM fulfils all the criteria or conditions of applicability of the selected methodology.

* 1. Additionality

Demonstrate that the PCEM is additional in accordance with the additionality conditions established in the selected methodology.

* 1. Project scope

Describe the PCEM scope including the source of the materials, the reduction or recirculation process, and the next destination in the technological or biological cycle of the material. Include a diagram showing the processes comprising the project and the linkages between them.

* 1. No double counting

The PCEM must justify (by providing evidence) that it has not and will not register the same activities (even partially) under other circular economy standards or certification programmes.

* 1. Sources of material generation

Explain the origin of the materials to be used in the project according to the selected methodology.

* 1. Baseline scenario

Identify and justify the baseline scenario and the procedures for determining it, taking into account the principle of conservatism, and considering the following aspects:

* Description of the planned linear process, including the most likely destination of the material if the project were not to be implemented.
* Common material handling practice in the project area.
* Probable future trends in material exploitation.
* Probable future trends in material generation.
* Data availability, reliability, and limitations.
* Other relevant information on present or future conditions, such as regulations or laws under which the project is governed, technical, economic, socio-cultural, environmental, geographic, site-specific, and temporal assumptions or projections.
* In the case of a capacity increase, provide a list of the facilities, systems, and equipment in operation under the existing scenario prior to the implementation of the PCEM.
  1. Project scenario

Describe how the cycle of the material would be transformed from linear to circular due to the implementation of the PCEM.

Describe in detail the process, technologies, facilities, products, services, or measures that the PCEM will implement, considering, but not limited to, the following aspects:

* Description of the main manufacturing or production technologies, systems, and equipment involved, including information on the age and average useful life of the equipment according to the manufacturer's technical specifications and industry standards, as well as existing and expected capacities, load factors, and efficiencies.
* Types and levels of services (typically in terms of mass or energy flows) provided by the systems and equipment being modified or installed and their relationship, if any, to other manufacturing or production equipment and systems outside the PCEM boundary.
* For processes that are labour-intensive, indicate how much labour is required in each part of the process, type of labour (skilled or unskilled) and relationship to workers (contractual, service, per tonne delivered, etc.).
  1. Methodological deviations

If the PCEM requires a methodological deviation, the form ***Request for Methodological Deviation***, available at <www.cercarbono.com>, must be completed and submitted.

1. Quantification of materials reduction or recirculation
   1. Quantification of materials in the baseline scenario

Describe the criteria and procedures used to quantify the tonnes of materials generated in the baseline scenario according to the selected methodology.

Specify the tools used, equations and default values included in the calculation. Indicate the results in units of metric tonnes per year.

* 1. Quantification of materials reduction or recirculation in the project scenario

Describe the criteria and procedures used to quantify the tonnes of material reduced or recirculated in the project scenario according to the selected methodology.

Specify the tools used, equations, and default values included in the calculation. Indicate the results in units of metric tonnes per year.

* 1. Leakage

If applicable, identify and calculate the leakage generated by the PCEM and describe the procedure used for its quantification. Specify the tools used, equations, and default values included in the calculation. Leakage is only generated and quantified in the project scenario. Indicate the results in units of metric tonnes per year.

* 1. Net material reductions or recirculation

Describe the procedure for the calculation of the PCEM net material reductions or recirculation and include them in the table below. Indicate the results in units of metric tonnes per year.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Year | Baseline scenario | Project scenario | | Net reductions or recirculation (tonne/year) |
| **Material**  (tonne/year) | **Reduced or recirculated material**  (tonne/year) | **Material leakage**  (tonne/year) |
|  |  |  |  |  |

1. PCEM Monitoring
   1. Monitoring plan

Describe the monitoring plan, including those responsible for its implementation, the procedures, and schedule in place for measuring or estimating, recording, compiling, and analysing data, and information relevant to quantifying and reporting reductions or recirculation of the project scenario, using calibrated and up-to-date measurement equipment or appropriate technologies.

* 1. Information management

Specify how the management and storage of monitoring data will be conducted. Establish and implement data and information quality procedures, as stipulated in the methodology selected.

* 1. *Exante* parameters

List the parameters that are available at the time of validation and for each parameter include the information requested in the methodology, which includes at least, but not limited to:

* Types of data and information, including units of measurement.
* Description of the parameter.
* Source of the data.
* Justification for the selection of the data.
* Reliability of the selected data.
  1. Expost parameters

List the parameters that will be monitored during the operation of the PCEM, and for each of them include the information requested in the methodology, considering, but not limited to, the following aspects:

* The type(s) of data and information, including units of measurement.
* The origin of the data.
* Monitoring methods (including estimation, modelling, measurement, calculation, and uncertainty approaches).
* Monitoring frequency.
* Monitoring roles and responsibilities, including procedures for authorisation, approval, and documentation of changes to recorded data.
* Controls including internal checking of input, transformation, and output data, and procedures for corrective actions.

1. Legal and documentary aspects
   1. Legal requirements

Specify all local, regional, and national laws, statutes, and regulatory frameworks that apply to the PCEM. This may include, as appropriate, but not limited to:

* Permits, environmental licences, or environmental requirements.
* If required, environmental impact assessment and environmental management plan.
* Current environmental regulations for which all those that apply to the PCEM should be referenced, described, and justified.

|  |  |  |  |
| --- | --- | --- | --- |
| **Rule or law** | **Type (legal, environmental, other)** | **Applicability/Compliance (full or partial)** | **Justification** |
|  |  |  |  |

* 1. PCEM Documentation

Describe and include supporting or evidentiary documentation demonstrating the PCEM's compliance with the ***Global Zero Waste and Cercarbono’s Protocol for Voluntary Certification of Circular Economy***. This documentation must be consistent with the validation, verification, and certification processes.

1. Stakeholder consultation

Describe the process undertaken for the stakeholder consultation in accordance with the latest version of the ***Global Zero Waste and Cercarbono’s Protocol for Voluntary Certification of Circular Economy***.

If the PCEM considers the involvement of vulnerable workers or communities in the project activity, this item will be of particular relevance.

1. Contributions to the Sustainable Development Goals of the United Nations

Provide the contributions of the PCEM to the UN Sustainable Development Goals expected to be generated during the operation of the project. Note that, at the time of verification, the actual contributions made during each monitoring period should be demonstrated using the ***Tool to Report Contributions of*** ***Circular Economy Initiatives to the Sustainable Development Goals***, available at <www.cercarbono.com.>

1. References

List all the references used in the development of the PDD. All references should be available for consultation by the VVB.

1. Document history (PDD)

Indicate the full history of the PDD, with correct and updated versions and edit dates, and include a brief description of the changes made from the previous version.

|  |  |  |
| --- | --- | --- |
| **Version** | **Date** | **Comments or modification** |
| 1.0 | Day.month.year | Initial version. |
|  |  |  |

1. Template history

|  |  |  |
| --- | --- | --- |
| **Version** | **Date** | **Comments or modifications** |
| 1.0 | 23.06.2023 | Initial version. |

(Do not delete or alter this section, delete this instruction).

1. For the VPCE, materials are understood as all waste materials that can be used. [↑](#footnote-ref-1)
2. ***Global Zero Waste and Cercarbono’s Protocol for Voluntary Certification of Circular Economy*** sets out the methodologies and tools that can be used. [↑](#footnote-ref-2)