

# Climate Requirements ArianeGroup

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The current applicable version of this document is the electronic version available at: [www.ariane.group](http://www.ariane.group). All paper versions have one information purpose.

## 0- Definition

- LCA: Life Cycle Analysis
- BEGES: Greenhouse Gas Emissions Report
- CSRD: Corporate Sustainability Reporting Directive
- CS3D: Corporate Sustainability Due Diligence Directive
- GHG: Greenhouse Gases
- ESRS: European Sustainability Reporting Standards
- IT: Information Technology
- SBTi: Science Based Target Initiative

## 1- Introduction

**This document is applicable to all Suppliers and Subcontractors of Products or Services (below “Supplier”) of ArianeGroup (below “ArianeGroup”).**

As part of its commitment to responsible and sustainable growth, ArianeGroup is committed to a proactive approach to continuously improve its impact and vulnerability to Climate Change.

In addition, ArianeGroup is part of the European general policy on sustainability reporting (CSRD Directive and related appendix) and monitoring of its value chain in terms of due diligence (CS3D Directive).

As part of this approach, ArianeGroup has decided to engage its entire value chain and prioritize the Suppliers with themselves appropriate sustainable approach and making commitments on their own trajectory and on the impact of their products or services for ArianeGroup.

This appendix presents ArianeGroup’s requirements for commitments and results from the Supplier on the subject of “Climate Change”.

Each Supplier shall apply and cause to be applied to its own suppliers and subcontractors the mandatory and optional requirements defined in this document (depending on specificities of each purchases commodity).

The Supplier should be able at all times be to demonstrate to ArianeGroup this compliance for current and future deliveries.

When data is expected, the Supplier must provide accurate and complete information regarding its activities and the goods and services provided, to enable ArianeGroup to ensure its most relevant choices and also to guarantee its own conformity and justification. This information must always be accompanied by the reference of the relevant order or contract and, where applicable, the specific references specified by ArianeGroup in this contract or order.

Certain requirements of this document require dedicated answers from the Supplier and are summarized below (The above elements must be completed in the attached dedicated form):

N° Requirement	Requested item	Deliverable (formalism)	Mode of transmission
§ 3.1	Environmental and climate policy	Version applicable with signatory identification (management level)	As an appendix to the commercial proposal and/or at ArianeGroup's request in the case of a contract or a purchase order
§ 3.2	Greenhouse Gas (GHG) Balance	Detailed data from sustainability report (ESRS E1) or equivalent	As an appendix to the commercial proposal and/or to ArianeGroup's request and to each new GHG emissions assessment of its activity by the Supplier in the case of a contract or a purchase order
§ 3.2.1	Individual Monetary «Spend-based » Emission Factor	Emission factor value Calculation unit elements Third party validation report (if existing)	Appended to the commercial proposal and/or to ArianeGroup's request and to each new GHG emissions assessment of its activity by the supplier in the case of a contract or purchase order.
§ 3.2.2	“Product” Emission factor	LCA elements (if existing) Calculation or Assessment Report Third party validation document (if existing)	Appended to the Commercial Proposal and/or to ArianeGroup's application and to each new assessment of “produced” emissions by the supplier in the case of a contract or purchase order.
§ 3.2.3	Manufacturing (Production) GHG emissions [Means / Infrastructure]	Methodological elements Calculation or Assessment Report Third party validation document (if existing)	In the appendix of the commercial proposal (Evaluation/ methodology) and in the case of a contract or a purchase order
§ 3.2.4	Use GHG emissions [for IT equipment / infrastructure / product]	Methodological elements Calculation or Appraisal Report Third party validation report (if existing)	In the appendix of the commercial proposal (Evaluation/ methodology) and in the case of a contract or a purchase order
§ 3.3	GHG Emissions Mitigation Targets	Detailed data sustainability report (ESRS E1) or equivalent	As an appendix to the commercial proposal and/or at ArianeGroup's request in the case of a contract or a purchase order
§ 4.1	Climate Vulnerability & Resilience Assessment and Adaptation Plan [products and services]	Detailed data sustainability report (ESRS E1) or equivalent	As an appendix to the commercial proposal and/or at ArianeGroup's request in the case of a contract or a purchase order
§ 4.2	Climate Vulnerability & Resilience Assessment and Adaptation Plan [Infrastructure and Means]	Methodological elements Evaluation report	As an Appendix to the Business Proposal (Project Version) and in the case of a Contract or Purchase Order

## 2- Requirements criteria matrix

The applicability of the requirements of this document is function of purchasing typology specified in the table below:

Code	Purchasing Family	Definition / Convenience
<b>A</b>	Raw Materials	Metallic raw materials Chemicals Composite raw materials Propellants
<b>B</b>	Parts, Structures and Sub-assemblies	Composite parts Propulsion equipments Metallic parts Structures and/or composite tools Pyrotechnic Equipments Surface treatments activities
<b>C</b>	Machinery and Infrastructures	Ground mechanical systems Ground electrical systems Buildings, facilities, Machinery and equipments
<b>D</b>	IT	Computer hardware Telecom hardware
<b>E</b>	Services	IT Integration, development and maintenance Outsourcing Intellectual engineering services industrial support services

The purchase family is defined by ArianeGroup prior to consultation, and determines the applicability of the additional requirements for the Supplier.

The requirements matrix identify 3 types of requirements :

- Mandatory requirement : Must be provided for any consultation, purchase order or contract (=X),
- Recommended requirement : To be provided if available but recommended for consultation (=R)
- Not applicable : Not required (blank box)

For the recommended requirements, any valuation of the requirement by the Supplier under the consultation shall make the requirement applicable under the contract or purchase order.

The requirements are presented in tables where the columns contain from left to right the following:

- the § of the requirement
- the title (general object) of the requirement
- the purchasing families on which the requirement is applicable or recommended.

		A	B	C	D	E
§ 3.1	Environmental and Climate Policy	R	R	R	R	R
§ 3.2	Greenhouse Gas Emission Balance	R	R			R
§ 3.2.1	Supplier Monetary « Spend-based » Emission Factor	R	X	X		R
§ 3.2.2	Product Emission Factor	X	R		R	
§ 3.2.3	Manufacturing – Grey Emissions [Means / infrastructure]			R	X	
§ 3.2.4	Use GHG emissions [For IT equipment / infrastructure / product]			R	X	
§ 3.3	GHG Emissions Mitigation Targets over the Contract Term	R	R	R	R	R
§ 4.1	Climate Vulnerability Assessment and Adaptation Plan [Products and Services]	R	R		R	R
§ 4.2	Climate Vulnerability Assessment and Adaptation Plan [Infrastructure and Means]			R		

X : Mandatory, must be provided

A : to be provided if available but recommended (will be taken into account in the evaluation criteria of the supplier offers)

### 3- Measurement & mitigation of climate impacts (measurement & mitigation of greenhouse gas emissions)

#### 3.1 Environmental and Climate policy

The Supplier shall provide, if it exists, the elements that guide the environmental and climate policy linked to the products or services it proposes.

All the elements that directly or indirectly contribute to any impact or risk management issue associated with Climate Change will be identified and developed.

By environmental policy, ArianeGroup means all internal policy elements related to environmental issues : climate, pollution, water management, biodiversity, circular economy, etc.

#### 3.2 Greenhouse Gas Emission Balance

The Supplier shall provide, in addition to the other requirements, a summary of the relevant elements of its greenhouse gas emission balance (all categories or scopes combined) allowing ArianeGroup to value these elements in its own balance sheet.

The calculation reference (ISO 14064, BEGES France, GHG Protocol) is specified.

In addition to this generic data, the Supplier shall provide the relevant data associated with the nature of its products or services among the various elements below.

##### 3.2.1 Supplier Monetary “Spend-based” Emission Factor

The holder shall provide the ArianeGroup (called “customer”) with a current assessment of its GHG emissions intensity factor (kgCO<sub>2</sub> eq/k€). This factor is calculated on the basis of the holder’s relevant total emissions, with the exception of the downstream scope 3 emissions (use of products, end-of-life,

etc.). By default, this factor can be assessed from the average sector factors available at any relevant associated database level.

All supporting elements or certification by an external third party to consolidate the data will also be provided by the holder if existing.

### 3.2.2 – Product Emission Factor

Given the environmental issues in general and the carbon footprint of the products purchased by ArianeGroup, the Supplier provides elements for measuring and approaching the carbon footprint of these products (LCA data, supplier emission factor, etc.).

By default, this factor can be assessed from the internal average factors of the company and relevant to the scope of activity associated with its products.

All supporting elements or certification by an external third party to consolidate the data if necessary will also be provided by the holder if existing.

### 3.2.3 – Manufacturing - Grey Emissions [Means / Infrastructure]

The holder shall specify/calculate, as part of its bid response, an assessment of the “grey emissions” (GHG emissions) associated with the production of [the infrastructure/means] considered.

This preliminary assessment will be confirmed, specified and amended at the end of the supply.

### 3.2.4 – GHG emissions from use [of IT equipment / infrastructure / product]

The appropriate elements to characterize the annual energy consumption associated with the use [of IT equipment/ infrastructure/ means] are specified by detailing the type of final energy (Electricity, (bio), Gas, Biomass, fossil fuels, etc.) used.

## 3.3 – GHG Emission Mitigation Targets

In addition to the previous elements at the date of commitment of the contract or the Purchase Order, the Supplier shall explain its strategy and its target targets for mitigating GHG emissions.

The level of achievement of these objectives will be assessed annually at contract follow-up meetings.

The holder shall specify, where applicable, the validation of this roadmap under a recognized reference system (SBTi,...) or its alignment with a defined national or sectoral roadmap.

## 4 - Resilience – Adaptation

### 4.1 – Climate Vulnerability Assessment and Adaptation Plan [Products and Services]

The holder shall specify its strategy for adapting its activity to Climate hazards in relation to the products or services it provides to ArianeGroup under the contract or the Purchase Order. Any relevant vulnerabilities or adaptation measures related to ArianeGroup requirements will be specified where applicable.

#### 4.2 – Climate Vulnerability Assessment and Adaptation Plan [Infrastructure and Means]

The Supplier justifies through an assessment of the vulnerability of the suitability of the design and operation choices of [the infrastructure/means] to the climate hazards, over the projected lifespan [of the infrastructure/means].

In case of relevant exogenous adaptation measures linked to ArianeGroup use, it must be clearly identified.

##### RECORD FOREIGN EXCHANGE

ISSUE	DATE	FOREX
Version 1	1 April 2026	Creation