



**Sustainable@EDU**  
SUSTAINABLE EDUCATION

**Sustainable@EDU Policy Framework Architecture  
(Sustainable@EDU-PFA)**

## **Terms of Reference**

**Millennium@EDU SUSTAINABLE EDUCATION**

## Content

1.	Introduction.....	3
2.	Concept and Methodology.....	4
3.	Target Group .....	4
4.	Outcomes .....	4
5.	Components of the Sustainable@EDU-PFA .....	5
6.	Sustainable@EDU-PFA Documentation .....	5
6.1.	Sustainable@EDU-PFA AGREEMENT.....	6
7.	Sustainable@EDU-PFA INTRODUCTORY WORKSHOP(S).....	7
8.	Sustainable@EDU-PFA ASSESSMENT – START-UP (Identification and Study Visit) .....	7
8.1.	Sustainable@EDU-PFA ASSESSMENT - IDENTIFICATION FORM.....	8
8.2.	Sustainable@EDU-PFA ASSESSMENT – STUDY VISIT.....	9
8.3.	Sustainable@EDU-PFA ASSESSMENT AGREEMENT .....	9
8.4.	Sustainable@EDU-PFA ASSESSMENT – DELIVERABLES.....	9
8.4.1.	Sustainable@EDU-PFA ASSESSMENT FORM SUPPORT .....	9
8.4.2.	Sustainable@EDU-PFA ASSESSMENT FORM OUTPUT .....	9
8.4.3.	Sustainable@EDU-PFA ASSESSMENT REPORT .....	10
9.	Sustainable@EDU-PFA ACCELERATOR WORKSHOP.....	10
9.1.	Sustainable@EDU-PFA ACCELERATOR WORKSHOP - AIMS .....	10
9.2.	Sustainable@EDU-PFA ACCELERATOR WORKSHOP - METHODOLOGY .....	10
9.3.	Sustainable@EDU-PFA ACCELERATOR WORKSHOP - PREPARATION.....	11
9.4.	Sustainable@EDU-PFA ACCELERATOR WORKSHOP - ADDED VALUE .....	11
9.5.	Sustainable@EDU-PFA ACCELERATOR WORKSHOP AGREEMENT .....	13
9.6.	Sustainable@EDU-PFA ACCELERATOR WORKSHOP – DELIVERABLES.....	13
9.6.1.	Sustainable@EDU-PFA ACCELERATOR WORKSHOP SESSIONS .....	13
9.6.2.	Sustainable@EDU-PFA ACCELERATOR WORKSHOP DRAFT CONCEPT NOTE and PRESENTATION or their OUTLINE.....	18
9.6.3.	Sustainable@EDU-PFA ACCELERATOR WORKSHOP DRAFT REPORT .....	18
10.	Sustainable@EDU-PFA CO-WORK & IMPLEMENTATION (MASTER PLAN & Follow-up).....	18
10.1.	Sustainable@EDU-PFA Co-Work & IMPLEMENTATION – Sustainable@EDU-PFA MASTER PLAN: 19	
10.2.	Sustainable@EDU-PFA CO-WORK & IMPLEMENTATION – Sustainable@EDU-PFA CONTINUITY PLAN: 19	
10.3.	Sustainable@EDU-PFA Co-Work & IMPLEMENTATION – FOLLOW-UP WORKSHOP(S).....	20

10.4. Sustainable@EDU-PFA CO-WORK & IMPLEMENTATION – Sustainable@EDU-PROJECT AGREEMENT .....	20
10.5. Sustainable@EDU-PFA CO-WORK & IMPLEMENTATION – DELIVERABLES.....	20
10.5.1. Outline of the Sustainable@EDU-PFA MASTER PLAN including CONTINUITY PLAN.....	20
10.5.2. Sustainable@EDU-PFA Co-Work & IMPLEMENTATION – DEVELOPMENT of the Sustainable@EDU-PFA MASTER PLAN including CONTINUITY PLAN .....	21
11. Conclusions.....	21
Attachment 1.....	22

## 1. Introduction

This document outlines the **Terms of Reference of the Sustainable@EDU POLICY FRAMEWORK ARCHITECTURE (Sustainable@EDU-PFA)** <https://millenniumedu.org/ict-education-policy-framework-architect/>.

**Millennium@EDU SUSTAINABLE EDUCATION** has developed the **Sustainable@EDU-PFA**, an Initiative to support policy makers, public and private entities, providing context on **Information, Communication and Scientific Technologies (ICSTs)** in education, in order to facilitate the planning, management and evaluation of planned or ongoing initiatives.

The **Sustainable@EDU-PFA** is the main support tool for the development of **Sustainable@EDU PROJECTS** and is one of the pillars of the **Sustainable@EDU PROGRAM**.

The **Sustainable@EDU PROGRAM** is the main strategic and operational framework currently under which **Millennium@EDU SUSTAINABLE EDUCATION** develops its activities, in line with the **United Nations Sustainable Development Goals (SDGs)** (2015-2030), aiming to promote education for sustainable development based on the use of **ICSTs**.

The **Sustainable@EDU PROJECT**, one of the Sub-Programs of the **Sustainable@EDU PROGRAM** represents the development of projects at international, national or regional level that result in a broad program that promotes access to the advantages of using **ICSTs** in education and in sustainable development.

The execution of the **Sustainable@EDU-PFA** is translated into the **Sustainable@EDU-PFA ASSESSMENT**, the **Sustainable@EDU-PFA ACCELERATOR WORKSHOP(S)** and the **Sustainable@EDU-PFA CO-WORK & IMPLEMENTATION**, each, a component of the **Sustainable@EDU-PFA ACTION PLAN**, which, in its turn, is agreed between the parties involved in the process and defines the scope, aims and activities to be performed as well as the respective conditions.

## 2. Concept and Methodology

The concept of the **Sustainable@EDU-PFA** is based on sharing relevant data and knowledge related to the development of **ICSTs** in Education Initiatives and the methodology is supported by the analysis of the elements that constitute such Initiatives, as well as, on the practical side, by the elaboration of documents and presentations that support the development of a specific Initiative, either ongoing or projected.

A such, **Millennium@EDU SUSTAINABLE EDUCATION** developed the **[Sustainable@EDU-PFA](#)** based on three components - **[Sustainable@EDU-PFA ASSESSMENT](#)** (Startup), **[Sustainable@EDU-PFA ACCELERATOR WORKSHOP](#)** (Accelerator) and **[Sustainable@EDU-PFA Co-Work & IMPLEMENTATION](#)** (Development), each, to be adjusted to a specific Initiative or context.

## 3. Target Group

The **Sustainable@EDU-PFA** aims to address Public and Private Entities in the process of developing a Plan to initiate or expand an **ICSTs** in Education Initiative.

The **Sustainable@EDU-PFA** is particularly suited for Governments, School Networks, Hubs, International Organizations, Development Agencies, Banks, Companies, and other relevant actors in the fields of technology and education.

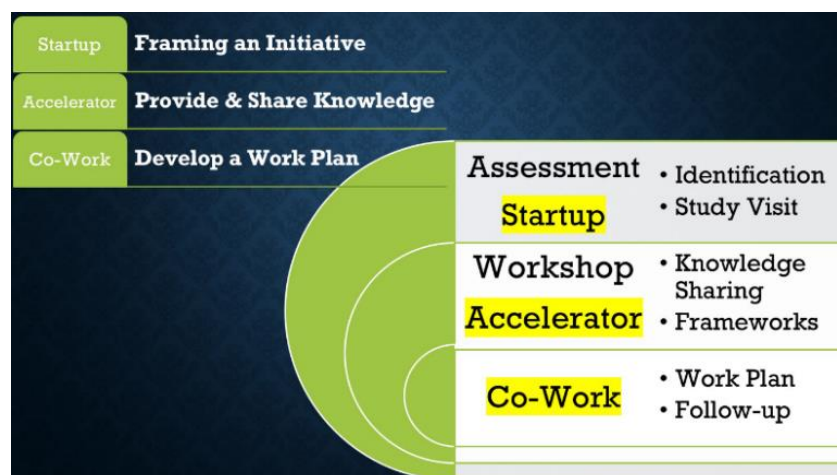
## 4. Outcomes

As the aim of the **Sustainable@EDU-PFA** is to support the development of **ICSTs** Education Initiatives, participants will be provided with the necessary means for the elaboration of an **ICSTs Education MASTER PLAN** and related policies, programs or initiatives, namely in the form of documents and presentations that will heavily impact the decision-making process.

## 5. Components of the Sustainable@EDU-PFA

The **Sustainable@EDU-PFA** includes the following **three Components**, which in specific cases, might be developed and implemented independently, while always being adjusted and personalized to the context in question:

- [Sustainable@EDU-PFA ASSESSMENT](#) - **Startup** - Framing an Initiative;
- [Sustainable@EDU-PFA ACCELERATOR WORKSHOP](#) - **Accelerator** - Sharing Knowledge and Building Consensus;
- [Sustainable@EDU-PFA CO-WORK & IMPLEMENTATION](#) - **Co-Work** – Development of an ICSTs Education Master Plan, and related policies, programs and initiatives.



## 6. Sustainable@EDU-PFA Documentation

**Millennium@EDU SUSTAINABLE EDUCATION** has developed several structural documents that support the **Sustainable@EDU-PFA**, which are continuously updated. These include an Initial **Sustainable@EDU-PFA PRESENTATION** and other structural documents.

Furthermore, each component of the **Sustainable@EDU-PFA** includes specific documentation.

Each of the components of the **Sustainable@EDU-PFA** is, also, object of detailed and specific agreements, namely the following:

1. **Sustainable@EDU-PFA AGREEMENT;**
2. **Sustainable@EDU-PFA ASSESSMENT AGREEMENT;**
3. **Sustainable@EDU-PFA ACCELERATOR WORKSHOP AGREEMENT;**
4. **Sustainable@EDU PROJECT AGREEMENT.**

### 6.1. Sustainable@EDU-PFA AGREEMENT

**Millennium@EDU SUSTAINABLE EDUCATION** establishes an Agreement concerning the development and implementation of the **Sustainable@EDU-PFA** with each Entity that expresses the intent to either develop a **Sustainable@EDU PROJECT** or is already in the process of developing **ICSTs Education Initiative**, directly or through a third party.

The **Sustainable@EDU-PFA AGREEMENT** is the first step to develop a **Sustainable@EDU PROJECT**, which, itself, will also be object of a wider and more detailed specific Agreement - the **Sustainable@EDU PROJECT AGREEMENT**.

The **Sustainable@EDU-PFA AGREEMENT** establishes the respective Scope and Aims, the modality of Introductory Workshop(s), the operation and cooperation between the parties in each of the **Sustainable@EDU-PFA** components - **Sustainable@EDU-PFA ASSESSMENT**, **Sustainable@EDU-PFA ACCELERATOR WORKSHOP** and **Sustainable@EDU-PFA CO-WORK & IMPLEMENTATION** – and the respective **Sustainable@EDU-PFA ACTION PLAN** including the **Financial Conditions** as well as the **Calendar of Activities**, which will be attached to such Agreement.

To move forward with the **Sustainable@EDU-PFA Agreement**, **Millennium@EDU SUSTAINABLE EDUCATION** will provide further details and the respective **Draft**.

## 7. Sustainable@EDU-PFA INTRODUCTORY WORKSHOP(S)

The **Sustainable@EDU-PFA INTRODUCTORY WORKSHOP(S)** will occur either through virtual or in-person modality, serving to present the key elements and agree on the aims and procedures of the execution of the **Sustainable@EDU-PFA**.

The main points on the Agenda for the **Sustainable@EDU-PFA INTRODUCTORY WORKSHOP(S)** include:

- Introduction of the Stakeholders and their role in the Project;
- Overview of the **Sustainable@EDU-PFA Terms of Reference**;
- Presentation and agreement on the planning program and procedures;
- Introduction and agreement on the use of collaboration and communication platforms;
- Introduction to the **Sustainable@EDU-PFA ASSESSMENT FORMS** and to the respective procedures;
- Summarize and agreement on the content and topics of the **Sustainable@EDU-PFA ACCELERATOR WORKSHOP** and the respective logistics;
- To agree on the method and frequency of communication between the Focal Points;
- To agree on the target dates for each component of the **Sustainable@EDU-PFA**;
- Identify existing education and ICSTs policies and any relevant documentation;
- Agree on the Key stakeholders that will be invited for the Initial and subsequent phases;
- Agreement on the next steps.

## 8. Sustainable@EDU-PFA ASSESSMENT – START-UP (Identification and Study Visit)

As mentioned above, the first component of the **Sustainable@EDU-PFA** is the **Sustainable@EDU-PFA ASSESSMENT**, which allows the identification of the main elements in the development of a specific **ICSTs Education Initiative**, such as:

- Project Scope;
- Project Calendar;



- Relevant Stakeholders;
- Main Regional/National Documents related to education and technology;
- Financing Models;
- Other relevant aspects of a specific Initiative.

The **Sustainable@EDU-PFA ASSESSMENT** is materialized in the **Sustainable@EDU-PFA ASSESSMENT FORM**, which will originate the **Sustainable@EDU-PFA ASSESSMENT OUTPUT**, and the evaluation of a possible **Sustainable@EDU-PFA ASSESSMENT STUDY VISIT**.

The **Sustainable@EDU-PFA ASSESSMENT** culminates in the **Sustainable@EDU-PFA ASSESSMENT REPORT**, which will gather all elements obtained in the previous phases and will present the respective analysis.

### 8.1. Sustainable@EDU-PFA ASSESSMENT - IDENTIFICATION FORM

The **Sustainable@EDU-PFA ASSESSMENT FORM** comprises the identification of the main elements for an accurate diagnosis and a complete analysis of the context for the development of a specific Initiative. The filling of the **Sustainable@EDU-PFA ASSESSMENT** and the respective monitoring of such process will be done through virtual or in-person modality, between **Millennium@EDU SUSTAINABLE EDUCATION** and the respective Partner Entities for this process, aiming to clarify all elements and supporting its completion.

The **Sustainable@EDU-PFA ASSESSMENT FORM** is filled online and requires previous **REGISTRATION** in the **Millennium@EDU SUSTAINABLE EDUCATION WEBSITE**.

Updates to the **Sustainable@EDU-PFA ASSESSMENT FORM** are always possible and being a “**Login Form**”, it allows constant access to the updated information. It is not necessary to answer all fields in a “**one-form-session**” - the fields that were not filled, for lack of available information, or the fields that may be added during the process, are possible to be filled in any given time after.

As such, the **Sustainable@EDU-PFA ASSESSMENT FORM** allows for a continuous overall Assessment Analysis and provides access to the **Sustainable@EDU-PFA ASSESSMENT OUTPUT** with all the completed fields, on the date of the last Update.

The structure of the **Sustainable@EDU-PFA ASSESSMENT FORM** results from accumulated experience and a thorough analysis of the needs identified over time, from different ICSTs Education Initiatives.

## 8.2. Sustainable@EDU-PFA ASSESSMENT – STUDY VISIT

The **Sustainable@EDU-PFA ASSESSMENT FORM** may be complemented by one or more **Sustainable@EDU-PFA ASSESSMENT STUDY VISIT(s)**. The Study Visit allows for a more accurate perception of the existing challenges and possible strengths in the development of a specific **ICSTs** in Education Initiative.

## 8.3. Sustainable@EDU-PFA ASSESSMENT AGREEMENT

The **Sustainable@EDU-PFA ASSESSMENT** is object of a specific **Agreement**, with the appropriate Entities, defining and clarifying the respective details.

## 8.4. Sustainable@EDU-PFA ASSESSMENT – DELIVERABLES

### 8.4.1. Sustainable@EDU-PFA ASSESSMENT FORM SUPPORT

**Millennium@EDU SUSTAINABLE EDUCATION** will provide the necessary support in the filling of the **Sustainable@EDU-PFA ASSESSMENT FORM** and in the monitoring of such process via virtual or in-person modality, aiming to clarify all questions and support its completion.

### 8.4.2. Sustainable@EDU-PFA ASSESSMENT FORM OUTPUT

Following the information stated in the **Sustainable@EDU-PFA ASSESSMENT FORM**, **Millennium@EDU SUSTAINABLE EDUCATION** will make available the **Sustainable@EDU-PFA ASSESSMENT FORM OUTPUT** to be used by the appropriate Entities and serving as the basis to produce briefings and reports.

### 8.4.3. Sustainable@EDU-PFA ASSESSMENT REPORT

In collaboration with the appropriate Entities, a **Sustainable@EDU-PFA ASSESSMENT REPORT** will be produced, including two or more scenarios for the development of a specific Initiative. The scenarios summarize four perspectives in line with the three dimensions of the SDGs (**economic, social and environmental**) and an additional dimension: **education**. The **Sustainable@EDU-PFA ASSESSMENT REPORT** will also include all relevant information collected through the assessment process, it will serve as a monitoring tool and will allow for a more complete and overall Assessment Analysis.

## 9. Sustainable@EDU-PFA ACCELERATOR WORKSHOP

### 9.1. Sustainable@EDU-PFA ACCELERATOR WORKSHOP - AIMS

The [Sustainable@EDU-PFA ACCELERATOR WORKSHOP](#) provides context to produce a critical analysis of the main reference documents and best practices applied to the development of a specific Initiative that integrates technology in education, learning and inclusion, while aiming to produce support documentation to initiate or consolidate such Initiative.

### 9.2. Sustainable@EDU-PFA ACCELERATOR WORKSHOP - METHODOLOGY

Practical exercises will take place during the **Sustainable@EDU-PFA ACCELERATOR WORKSHOP** aiming to produce a **Draft Concept Note or its Outline** and a **Draft Presentation or its Outline**, of an on-going or a new Initiative to be implemented in a specific Country or Region, led by a governmental or private entity, aiming to plan, manage or evaluate a Program on the integration of technology in education, learning and inclusion.

The **Sustainable@EDU-PFA ACCELERATOR WORKSHOP** will comprise a two-day Workshop, that allows for virtual or in-person modalities, to be agreed between the responsible entities and will be supported by the use of Microsoft Tools.

### 9.3. Sustainable@EDU-PFA ACCELERATOR WORKSHOP - PREPARATION

To ensure its success, the **Sustainable@EDU-PFA ACCELERATOR WORKSHOP** is carefully prepared, so that the content and approach are adequate to the audience and that participants are able to fully engage, with effective results.

The main procedures related to the preparation and execution of the **Sustainable@EDU-PFA ACCELERATOR WORKSHOP** include the following:

- A **Specific Team** for each **Sustainable@EDU-PFA ACCELERATOR WORKSHOP** is created in **Microsoft Teams**;
- Two **Assessment Forms** are created in order to collect all the information necessary for the preparation of the workshop:
  - **Content Assessment Form Sustainable@EDU-PFA ACCELERATOR WORKSHOP** – in which we assess which content is more adequate to the Workshop by identifying the main Policies, Programmes and Initiatives already established or to be implemented, concerning education and technology;
  - **Logistics Assessment Form Sustainable@EDU-PFA ACCELERATOR WORKSHOP** – in which we assess the infrastructure available, the time-table and other organizational and logistic aspects.
- A **Participant Registration Form** is created to ensure that the methodology and content are adequate for the participants.

### 9.4. Sustainable@EDU-PFA ACCELERATOR WORKSHOP - ADDED VALUE

Since its inception in 2012, **Millennium@EDU SUSTAINABLE EDUCATION** has aimed to seek out and support large-scale educational projects, thanks to the broad and proven experience and knowledge base, by the Foundation stakeholders.

The communicators of the **Sustainable@EDU-PFA ACCELERATOR WORKSHOP** work in and with the Countries and Regions that are the object of the workshop and follow closely the major projects on education and technology at a local and global level. In addition, the communicators have extensive experience and are recognized pioneers in the implementation of Initiatives. Considering the specificities of each **Sustainable@EDU-PFA ACCELERATOR WORKSHOP** and region, communicators provided by the partners of **Millennium@EDU SUSTAINABLE EDUCATION** may participate in the Workshop, broadening the shared knowledge.

As such, **Millennium@EDU SUSTAINABLE EDUCATION** has developed its activities by supporting the development of projects jointly with companies and partner entities, in several regions of the world.

Recognizing the challenges posed by large-scale **ICSTs** educational projects, **Millennium@EDU SUSTAINABLE EDUCATION** conducts research and work in the following areas of interest:

**a) Project implementation database** - We maintain a unique project implementation database based on documents and contacts with key stakeholders; this information can be used to plan and identify best practices or to examine the risk level in each situation;

**b) Monitoring of technological trends and innovations** - We follow technological trends and innovations and stay in constant contact with suppliers that develop cutting-edge solutions and contribute to learning and education;

**c) Development of frameworks** - We follow the work of the most relevant institutions such as the **United Nations, UNESCO, ITU**, among others, with which we collaborate or participate in different activities. Based on their strategic documents on education, technology and sustainable development, as well as on the knowledge of project implementation and technology trends, **Millennium@EDU SUSTAINABLE EDUCATION** creates frameworks that facilitate the understanding of drivers and contexts of Project Implementation.

## 9.5. Sustainable@EDU-PFA ACCELERATOR WORKSHOP AGREEMENT

**Millennium@EDU SUSTAINABLE EDUCATION** establishes, with the appropriate Entities, an **Agreement** concerning the **Sustainable@EDU-PFA ACCELERATOR WORKSHOP**. With the signing of such Agreement, both parties will agree on the following actions:

- The **Number and model** (in-person or Virtual) of **Sustainable@EDU-PFA ACCELERATOR WORKSHOPS** to be executed;
- Collaboration on the **Assessment of Context and on the Preparation** of the **Sustainable@EDU-PFA ACCELERATOR WORKSHOP**;
- Definition of the Program and List of Participants of each **Sustainable@EDU-PFA ACCELERATOR WORKSHOP**;
- Entity/ies that will provide the logistical and financial conditions for the execution of each **Sustainable@EDU-PFA ACCELERATOR WORKSHOP**;
- Calendar of the activities.

To move forward with the **Sustainable@EDU-PFA ACCELERATOR WORKSHOP AGREEMENT**, **Millennium@EDU SUSTAINABLE EDUCATION** will provide further details and the respective **Draft**.

## 9.6. Sustainable@EDU-PFA ACCELERATOR WORKSHOP – DELIVERABLES

### 9.6.1. Sustainable@EDU-PFA ACCELERATOR WORKSHOP SESSIONS

The **Working Sessions** integrated in the **Sustainable@EDU-PFA ACCELERATOR WORKSHOP** aim to present the key features that enable a successful implementation of an Initiative, taking the best advantage of using technologies in education, learning and inclusion, based on the **Sustainable@EDU-PFA** and the **SUSTAINABLE EDUCATION CONCEPT**.

As illustrated in the image below, the **Sessions** focus the following themes and Sub-themes, that include support Documents and Presentations:



- **Introductory Session(s)** – Overview of the **Sustainable@EDU-PFA ACCELERATOR WORKSHOP** on matters of Content and Logistics;
- **Session 1 Webpage: Leadership and vision** – including acquaintance with the main reference documents, frameworks and tools
  - **S1 – Theme 1 – Global Reference Documents**
  - **S1 – Theme 2 – Identify Stakeholders**
  - **S1 – Theme 3 – Analyse Frameworks**
  - **S1 – Theme 4 – Deployment Models**
- **Session 2 Webpage: Coordination and coherence** – collaboration to ensure implementation in line with sectoral strategies
  - **S2 – Theme 1 – Project Reference Documents**
  - **S2 – Theme 2 – Dialogue Structures**
  - **S2 – Theme 3 – Cross-Sectoral Initiatives**
  - **S2 – Theme 4 – Information & Communication**

- [Session 3 Webpage](#): **Partnership models** – design and development of partnership programs
  - [S3 – Theme 1 – Strategic Collaborations](#)
  - [S3 – Theme 2 – Public-Private Partnerships](#)
  - [S3 – Theme 3 – Legal Frameworks](#)
  - [S3 – Theme 4 – Investment Programs](#)
  
- [Session 4 Webpage](#): **Programme Management** – translating ideas into actions; financing and funding in the implementation of Projects
  - [S4 – Theme 1 – Operational Plan](#)
  - [S4 – Theme 2 – Management Structures](#)
  - [S4 – Theme 3 – Financial Models](#)
  - [S4 – Theme 4 – Evaluation](#)

The **Sessions** were developed with a particular emphasis on the importance of a collaborative and coherent dialogue among the various levels (political, administrative and external) and on the importance of promoting solid cross-sectoral Policies, Programs and Budgets, in order to develop an efficient Initiative.

The **Sessions** also contemplate the relevance of Partnership Models, such as, Public Private Partnerships, Government Programs and the participation of international entities and companies, as well as the design of an efficient program management.

The methodology developed for these **Sessions** is based on three main, interrelated moments:

1. **Presentation**: Presentation of the theme and context of the Workshop (presenting documents, case-studies, frameworks, concepts, among others);
  
2. **Group Activity -- priorities/actions/challenges**: After the initial Presentation, the participants, individually or in groups, will have the opportunity to debate the theme in question and the key points of the Session. This is a moment for the group to debate key ideas, share experiences and discuss the specific challenges of their own contexts;



3. **Discussion:** Presenting conclusions and contributions for the **Draft Concept Note** and **Draft Presentation** or their **Outlines**. At this stage, a wide debate is generated with all participants.

In sum, the aim of these **Sessions** is to acknowledge the key elements of the life cycle of an Initiative and its successful implementation. The **Sessions** were designed with particular focus on essential concepts, such as, leadership, collaboration, partnerships, framework, financing and evaluation.

The **Four Working Sessions** integrated in the **Sustainable@EDU ACCELERATOR WORKSHOP** will comprise **three hours per Session in the virtual modality** or **five hours per Session in the in-person modality**.

During these **Sessions**, several examples of international reference documents, case-studies, international Benchmarks and Frameworks, will be analyzed:

- **International Reference Documents**

- **UN CHARTER – EDUCATION** (art.55 and 57) and other related documents;
- **United Nations Universal Declaration of Human Rights** (Art. 19 and 26)
- **Sustainable Development Goals (SDGs) - G4 and other applicable Goals**  
The aim is to make an analysis of the content of the United Nations General Assembly Resolution [“70/1. Transforming our world: the 2030 Agenda for Sustainable Development”](#) in what concerns education and technology as well as its [monitoring process, with a particular attention to the 43 indicators for Goal 4.b](#)
- **SDGs Literacy - [UNESCO: Learning Objectives: Education for Sustainable Development Goals](#)**
- **[UNESCO “Incheon Declaration and Framework for Action for the implementation of Sustainable Development Goal 4”](#)** and subsequent documentation

- [UNESCO: “Qingdao Declaration \(2015\), Seize digital opportunities, lead education transformation”](#)
  
- **International Benchmarks**
  - [Sustainable Development Goals Indicators](#)
  
  - [WEF – World Economic Forum - The Global Competitiveness Report](#)
  
  - **ITU – International Telecommunications Union**  
[ICSTs Facts and Figures](#)
  
  - [UNESCO Sustainable Development Goals \(SDGs\) Indicators](#)
  
  - [United Nations Statistics Division](#)
  
  - [OECD - PISA](#)  
Programme for International Student Assessment (PISA) - The Organisation for Economic Co-operation and Development (OECD)
  
  - [TIMMS/PIRLS](#)  
International Association for the Evaluation of Educational Achievement  
IEA’s TIMSS & PIRLS International Study Center conducts regular international comparative assessments of student achievement in mathematics and science (TIMSS) and in reading (PIRLS)
  
- **International Frameworks**
  - [WORLD BANK SABER – SYSTEM APPROACH FOR BETTER EDUCATION RESULTS](#)
  
  - [UNESCO – JAPAN – INFODEV – AED – KNOWLEDGE ENTREPRISE: ICT-in-Education Toolkit](#)

- [UNESCO ICT COMPETENCY FRAMEWORK FOR TEACHERS](#)
  
- **Microsoft**  
[Microsoft Education Transformation Framework](#)
  
- **INTEL**  
[INTEL EDUCATION STRATEGIC PLANNER](#)
  
- **COSN**  
[Trusted Learning Environment \(TLE\) Seal](#)

#### 9.6.2. Sustainable@EDU-PFA ACCELERATOR WORKSHOP DRAFT CONCEPT NOTE and PRESENTATION or their OUTLINE

The **Sustainable@EDU ACCELERATOR WORKSHOP** culminates in the delivery of a **Draft Concept Note or its Outline** and a **Draft Presentation or its Outline**.

#### 9.6.3. Sustainable@EDU-PFA ACCELERATOR WORKSHOP DRAFT REPORT

As a final stage to the **Sustainable@EDU-PFA ACCELERATOR WORKSHOP**, **Millennium@EDU SUSTAINABLE EDUCATION** will provide a **Draft Report** that summarizes the activities conducted during the Workshop.

### 10. Sustainable@EDU-PFA CO-WORK & IMPLEMENTATION (MASTER PLAN & Follow-up)

The [Sustainable@EDU-PFA CO-WORK & IMPLEMENTATION](#) supports the implementation of a **MASTER PLAN** by identifying the main challenges and possible solutions in the political, operational and financial areas, such as the Management Structure, Managing Tools and Financing Model, among many others, relevant for the implementation of a successful project.

The **Sustainable@EDU-PFA Co-Work & IMPLEMENTATION** focuses on two main approaches:

- [Sustainable@EDU-PFA MASTER PLAN](#)
- [Sustainable@EDU-PFA CONTINUITY PLAN](#)

#### 10.1. Sustainable@EDU-PFA Co-Work & IMPLEMENTATION – Sustainable@EDU-PFA MASTER PLAN:

The [Sustainable@EDU-PFA MASTER PLAN](#) establishes a five year plan for the implementation of Initiatives in **ICSTs in Education**, based on the assessment of five dimensions – **Vision, ICSTs Infrastructure, Training, Content and Management** and analyzes several Frameworks, Guides & Recommendations, such as:

- [WORLD BANK SABER – SYSTEM APPROACH FOR BETTER EDUCATION RESULTS](#)
- [UNESCO – JAPAN – INFODEV – AED – KNOWLEDGE ENTREPRISE: ICT-in-Education Toolkit](#)
- [MICROSOFT EDUCATION TRANSFORMATION FRAMEWORK](#)
- [INTEL EDUCATION STRATEGIC PLANNER](#)

#### 10.2. Sustainable@EDU-PFA CO-WORK & IMPLEMENTATION – Sustainable@EDU-PFA CONTINUITY PLAN:

The [Sustainable@EDU CONTINUITY PLAN](#) allows to face short-term challenges resulting from emergency situations with high disruptive impact in the education system, while promoting long term Sustainable Investment in and solving the Digital Divide Challenge and get The Digital Dividend in the implementation of Initiatives in **ICSTs in Education**. The **Sustainable@EDU CONTINUITY PLAN** analyzes several Frameworks, Guides & Recommendations, such as:

- [World Bank Guidance Note: Remote Learning & COVID-19](#)
- [UNESCO 10 RECOMMENDATIONS TO PLAN DISTANCE LEARNING](#)
- [OECD FRAMEWORK TO GUIDE AN EDUCATION RESPONSE TO THE COVID-19 PANDEMIC of 2020](#)

### 10.3. Sustainable@EDU-PFA Co-Work & IMPLEMENTATION – FOLLOW-UP WORKSHOP(S)

The **Sustainable@EDU-PFA CO-WORK & IMPLEMENTATION FOLLOW-UP WORKSHOP(S)** serve to discuss and define the execution of the **Sustainable@EDU-PFA MASTER PLAN including the CONTINUITY PLAN**. These Workshops will occur either through virtual or in-person modality, according to the specifications agreed with the responsible entities.

### 10.4. Sustainable@EDU-PFA CO-WORK & IMPLEMENTATION – Sustainable@EDU-PROJECT AGREEMENT

**Millennium@EDU SUSTAINABLE EDUCATION** establishes an Agreement concerning the **Sustainable@EDU-PFA CO-WORK & IMPLEMENTATION**, designated as **Sustainable@EDU-PROJECT AGREEMENT**, which aims to follow-up the Initiative planned during the **Sustainable@EDU-PFA ASSESSMENT** and **Sustainable@EDU-PFA ACCELERATOR WORKSHOP** and implement it in the Country or Region with the responsible Entities.

With the signing of such **Agreement**, both parties will agree to develop the **Sustainable@EDU PROJECT** and to collaborate on the respective details.

To move forward with the **Sustainable@EDU-PROJECT AGREEMENT**, **Millennium@EDU SUSTAINABLE EDUCATION** will provide further details and the respective **Draft**.

### 10.5. Sustainable@EDU-PFA CO-WORK & IMPLEMENTATION – DELIVERABLES

#### 10.5.1. Outline of the Sustainable@EDU-PFA MASTER PLAN including CONTINUITY PLAN

**Millennium@EDU SUSTAINABLE EDUCATION** will provide the **background document** of the **Outline of the Sustainable@EDU-PFA MASTER PLAN including CONTINUITY PLAN**, within the specifications, budget and timeframe, to be agreed with the appropriate Entities, envisaging

the joint elaboration of the **Outline of the Sustainable@EDU-PFA MASTER PLAN including CONTINUITY PLAN**. Its final version will be agreed upon by all parties, and will serve as the basis for the **Sustainable@EDU-PFA MASTER PLAN including the CONTINUITY PLAN**, to be carried out.

The **Outline of the Sustainable@EDU-PFA MASTER PLAN including CONTINUITY PLAN** is a tool to support decision makers in the elaboration of the **Sustainable@EDU-PFA MASTER PLAN including CONTINUITY PLAN**.

#### 10.5.2. Sustainable@EDU-PFA Co-Work & IMPLEMENTATION – DEVELOPMENT of the Sustainable@EDU-PFA MASTER PLAN including CONTINUITY PLAN

**Millennium@EDU SUSTAINABLE EDUCATION** will support the development of the **Sustainable@EDU-PFA MASTER PLAN including CONTINUITY PLAN**, in collaboration and coordination with the appropriate Entities.

The **Sustainable@EDU-PFA MASTER PLAN including CONTINUITY PLAN** builds on the **Outline**, and constitutes a Plan to optimize the integration of ICSTs in the Education System of a specific Country or Region, in line with the aims already defined and considering respective related policies. This Step-by-Step, flexible and adjustable Plan, incorporates five dimensions - **Vision, Infrastructure, Training, Content and Management**. It aims to support decision makers from public, private or social, profit or non-profit sectors, in long-term (**Master Plan**) and short-term (**Continuity Plan**) implementation of **ICSTs** Education strategies and policies, while identifying the main background references and collecting and organizing the main relevant themes and actions for a successful implementation.

## 11. Conclusions

After the signing of the **Sustainable@EDU-PFA AGREEMENT** and in order to define next steps, namely, the calendar of activities and budget structure, several meetings will be organized to define such procedures.

Should you require any further information, please [contact us](#).

14b/03/2022

# Sustainable@EDU Policy Framework Architecture (Sustainable@EDU-PFA)

## Millennium@EDU SUSTAINABLE EDUCATION

### Attachment 1

#### Communicator and Coordinator

#### MARIO FRANCO



Mario Franco

Founder & Chairperson

**Millennium@EDU SUSTAINABLE EDUCATION**

Mario made studies in philosophy. His background is linked to associative structures in different areas from youth to development and environment. Later on, he dedicated his attention to public policy, focusing on Information and Communication Technologies, Sustainability and Finance. As from 1995 he has been involved in eInclusion Projects and Programs at national and international levels.

From 1996 to 2004, he chaired the Foundation for the Promotion of Information Technology (**FDTI**), a network of more than 300 training centers in seven countries and coordinated a special Program to promote science and technology in education. Afterwards he worked as a consultant until 2008. During this time, he focused on promoting sustainable funding and digital skills and creating an international ICT ecosystem.

In 2008, he assumed the post of President of FCM - Foundation for Mobile Communications (FCM), having previously been the manager of the Portuguese Information Society Fund – preceding the FCM. Mario led a team that developed and managed the eSchool Program. This Program, with a budget of 1.2 Billion EUROS, allowed access to a mobile computer and internet to 1.7 million people in Portugal and was considered one of the most successful initiatives in this field.

As manager of the Portuguese Information Society Fund appointed by the Ministers of Finance and the Minister of ICT, Mario was the architect of the Financial Model, which allowed the wide spreading of ICT to more than 50% of the Portuguese population.

During this 10-year period, Mario dedicated his time and effort to develop and implement a sustainable financial model to support the National ICT industry involving around 1% of the Portuguese GDP and many public and private stakeholders. The Model was recognized by many governments and international institutions such as the World Bank.

As manager of the eSchool Program, Mario worked with many companies, governments and institutions, in particular, he Chaired the [World Telecommunication Policy Forum](#) (WTPF) organized by the [International Telecommunication Union](#) (ITU) and was a member of the Strategy Council of The Global Alliance for Information and Communication Technologies and Development (GAID) of the United Nations.

As a follow-up of his experience in education and technology at different levels, including international level, Mario is currently the Chairperson of **Millennium@EDU SUSTAINABLE EDUCATION** and the coordinator of the **Sustainable@EDU PROGRAM** <http://millenniumedu.org> that aims to make accessible information, communication and scientific technologies (ICSTs) in learning, education and inclusion under comprehensive initiatives with impact in local socio-economic development. The **Sustainable@EDU PROGRAM** is committed to contribute to the United Nations Secretary-General initiative “Education First” <http://www.globaleducationfirst.org> and to the **United Nations Sustainable Development Goals (SDGs)** <https://sustainabledevelopment.un.org/sdgs>.

In the last decade, Mario has been highly dedicated in developing sustainable finance models for education and ICT and has, since the beginning, been engaged in the United Nations Sustainable Development Agenda, in particular regarding the Addis Ababa Conference on Financing for Development and its follow-up.

Mario is involved in several different taskforces related to technology and finance such as the GPE - World Bank Global Partnership for Education Data Roundtable, created with the aim to define a Data Framework for Education and to help improving the management of Finance education. In this context, Mario is presiding to the Portuguese Technical Committee on Sustainable Finance (CT217) and is a member of the Chair Advisory Group on ISO TC322 - Sustainable Finance.

Mario also organizes annually the **SUSTAINABLE EDUCATION MEETING (SEM)**, which takes place during the United Nations General Assembly Opening Week at the United Nations Headquarters and the Microsoft Technology Center in New York City. The **SEM** has been, in the last few years, dedicated to Education and Technology.

Mario is a regular speaker at conferences around the world on Education and Technologies organized by relevant institutions such as **UNESCO** and **International Telecommunications Union (ITU)** among many other institutions and governments.

02/09/2021