

Information Technology Governance for Tunisian Universities (ITG4TU)

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SUSTAINABILITY PLAN MANOUBA UNIVERSITY

ITG4TU CONSORTIUM



AMENDMENT HISTORY

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1. Introduction

The purpose of this document is to describe the Sustainability Plan of the ITG4TU project in the scope of the Manouba University. This document describes the plans to ensure the sustainability of the products beyond the project lifetime. The plan will be updated before the end of the project.

This plan is concerned with the results/products of the project. The sustainability strategy will direct the partners how to exploit the framework and the resources produced in the project. This plan is a valuable resource for project partners and relevant stakeholders.

As presented in the proposal, to ensure its sustainability the project will:

1. Enlarge stakeholders' portfolio through periodical dissemination so that they understand the benefits to the other national HEIs of embracing ITG practices and solutions.
2. To secure financial support after the European funding has ceased, the project will start to identify income sources at an early stage by offering research-based consulting services to companies, offering specialist courses for postgraduate students for reduced fee, publishing advertising material, bidding for local and central government funding, producing training materials.
3. The project personnel will be trained to form competences on accessing new funding sources from funding programmes.

The key points for our sustainability strategy are:

1. Strong and committed partnership.
2. Involvement of key organizations: each partner will be responsible of creating a database of key contacts from country.
3. Active involvement of end users, they will be involved during the analysis of training needs and during the tuning sessions.
4. Embedding project results into the good practices of every HEI organization.
5. Transfer to other organisations/sectors.

In what follows, firstly, stakeholders are described and messages to them are depicted. Secondly, actions are presented including stakeholders and also aims and priorities are specified. Section four includes the descriptions of activities corresponding to actions including resources committed, dates, costs and venue. Section five introduces monitoring mechanisms on the dissemination plan. Section six includes exploitation plan of the results of the project. Finally, last section, wraps up the document.



2. Sustainability objectives

This plan aims to maximize the impact of project results over time by optimizing their value, strengthening their impact and transferring them to different contexts. Specific objectives are as follows:

1. Improve dissemination of the project outcomes and findings to the wider community, as well as to specific audiences including teaching community; HEIs, local authorities and policy makers; organisation representatives in the civil protection context.
2. Use the knowledge from this project to promote the benefits of IT Governance, with special attention to the local and national dimension.
3. Ensure that the project and its results will be communicated beyond the lifetime of the project itself, to maximize the impact upon the project target groups.
4. Guarantee that IT Governance effort will remain in the institution and will be maintained and managed after the end of the project by a set of means.
5. Ensure the sustained interest of IT Governance as a research field in the institution.
6. Find funding to sustain the IT Governance project.
7. Coordinate actions with other Tunisian/North African universities not belonging to the consortium to present the IT Governance.

The sustainability strategy contains partners' ideas about how to use the project products and results at organizational local, regional, national and international levels. The outcomes of the project must become sustainable beyond the end of the project and this plan is aimed to serve as a valid tool to do it. The quality assurance mechanisms of QMP will continue beyond lifetime of the project.

3. Sustainability stakeholders

Stakeholders in the sustainability arena are:

- teaching community;
- HEIs authorities,
- local authorities
- policy makers;
- organisation representatives in the civil protection context
- Tunisian Researchers communities
- North African Researchers communities
- Sub Saharan Researchers communities
- High qualified professionals (engineers, directors, ...)
- Entrepreneurs (start-up, new companies, ...)
- IT Governance community



4. Sustainability actions

In what follows, specific actions for sustainability objectives are depicted:



Table 4-1 – Sustainability actions in the project

Sustainability Objective	Sustainability Action	Stakeholders	Description
1	Prepare specific workshops to present the outcomes of the project	teaching community; HEIs authorities, local authorities policy makers; organisation representatives in the civil protection context Tunisian Researchers communities North African Researchers communities Sub Saharan Researchers communities High qualified professionals (engineers, directors, ...) Entrepreneurs (start-up, new companies, ...)	Organize specific workshop for each stakeholders group presenting the results of the project; It will be an occasion to make brainstorming around IT Governance; It will be also be the occasion to present in details the reports of the different actions within the project.
2	Integrate IT Governance field in local and national competitions.	teaching community; HEIs authorities, organisation representatives in the civil protection context Tunisian Researchers communities Entrepreneurs (start-up, new companies, ...)	<ul style="list-style-type: none"> - Integrate the IT Governance criteria in competitions of launching start-ups like OST (Open Start-up Tunisia), Bloomasters (B@labs) - Launch local and national competitions around the theme of IT Governance. - Launch a web development competition (webcamp, web stream, we code, ...) to develop some tools used in IT Governance.
3	Prepare meetings to present the project and its outcomes.	teaching community; HEIs authorities, local authorities policy makers; organisation representatives in the civil protection	Organize multiple meetings to present the project, the partners and the outcomes.



		context Tunisian Researchers communities North African Researchers communities Sub Saharan Researchers communities High qualified professionals (engineers, directors, ...) Entrepreneurs (start-up, new companies, ...)	
4	a. Deploy the portfolio tool developed in the research visit by Nadia HAJRI and test in a real environment.	HEIs authorities, local authorities organisation representatives in the civil protection context Tunisian Researchers communities High qualified professionals (engineers, directors, ...) Entrepreneurs (start-up, new companies, ...)	Present the tool developed in the research visit and all the functionalities that have been tested and implemented in the final project of Nadia HAJRI. The tool will be deployed on the Cloud and used as a service for other universities.
4	b. Prepare a special course on IT Governance for engineering degrees.	teaching community; Tunisian Researchers communities North African Researchers communities Sub Saharan Researchers communities	Integrate an IT Governance course in the engineering program. Prepare the content of the course by certified teachers and all materials used in the course. Try to disseminate also in other institutions not belonging to the project consortium.
4	c. Prepare a professional Master degree in "IT Governance" to target the CIO Job.	teaching community; High qualified professionals (engineers, directors, ...) Entrepreneurs (start-up, new companies, ...)	Launch a new Professional Master in IT Governance. Prepare all the course sheets, objectives, and syllabus. Submit the Master to the ministry of higher education when ready.
5	a. Prepare a special course on IT Governance for Master and PhD degrees.	teaching community; Tunisian Researchers communities North African Researchers communities Sub Saharan Researchers communities	Integrate an IT Governance course in the Master and PhD curricula. Developing a specific course for research purposes and shows all possible research perspectives.
5	b. Prepare a journal paper describing the	Tunisian Researchers communities North African Researchers communities	Write a paper that explain how the tool is developed and present the user experience about



	developed framework and the portfolio of projects as an IT Governance tool.	Sub Saharan Researchers communities IT Governance community	the use of this kind of tools.
6	a. Submit projects and ask for funding from Tunisian authorities.	teaching community; HEIs authorities, local authorities policy makers; organisation representatives in the civil protection context Tunisian Researchers communities North African Researchers communities Sub Saharan Researchers communities High qualified professionals (engineers, directors, ...) Entrepreneurs (start-up, new companies, ...) IT Governance community	Look for national project's appeals and submit project in the issue of IT Governance. There is some national call for projects like PEJC, PAQ Collabora, PAQ Promesse, PRF, PAQ MFE, ...
6	b. Submit projects and ask for funding from the EU.	teaching community; HEIs authorities, local authorities policy makers; organisation representatives in the civil protection context Tunisian Researchers communities North African Researchers communities Sub Saharan Researchers communities High qualified professionals (engineers, directors, ...) Entrepreneurs (start-up, new companies, ...)	Look for international project's appeals and submit project in the issue of IT Governance. Projects like H2020, Erasmus plus, Tempus, PHC Utique, ...
6	c. Looking for international partners	teaching community; HEIs authorities,	Contact international laboratories, universities and professionals to prepare courses and accept



	to elaborate the IT Governance professional master degree.	local authorities Tunisian Researchers communities High qualified professionals (engineers, directors, ...)	internships in the IT Governance professional master curricula
7	a. Contact North African universities to present the Tunisian experience in IT Governance.	teaching community; HEIs authorities, local authorities North African Researchers communities High qualified professionals (engineers, directors, ...)	Try to make some contacts with some North African universities to present the Tunisian experience in IT Governance.
7	b. Contact Sub Saharan universities to present the Tunisian experience in IT Governance.	teaching community; HEIs authorities, local authorities Sub Saharan Researchers communities High qualified professionals (engineers, directors, ...)	Try to make some contacts with some Sub Saharan universities to present the Tunisian experience in IT Governance.



5. Conclusion

In this document, project partners identified several incentives for sustainability from within consortium and beyond, namely, continuation of IT Governance in the institution, extend it to the country and future research opportunities. The sustainability of the project will be pursued through public funding, private funding and contributions from consortium members.

The approaches to ensuring sustainability include:

- Promotion of project results through dissemination activities.
- Funding of further development of the project from international and national sources.
- Expand project results in the national level increasing the awareness on the need to produce results.
- Expand project results in the international and African level.
- Creating new curricula for IT Governance.
- Enhances the research by submitting new publications.
- Deploying existing tools.