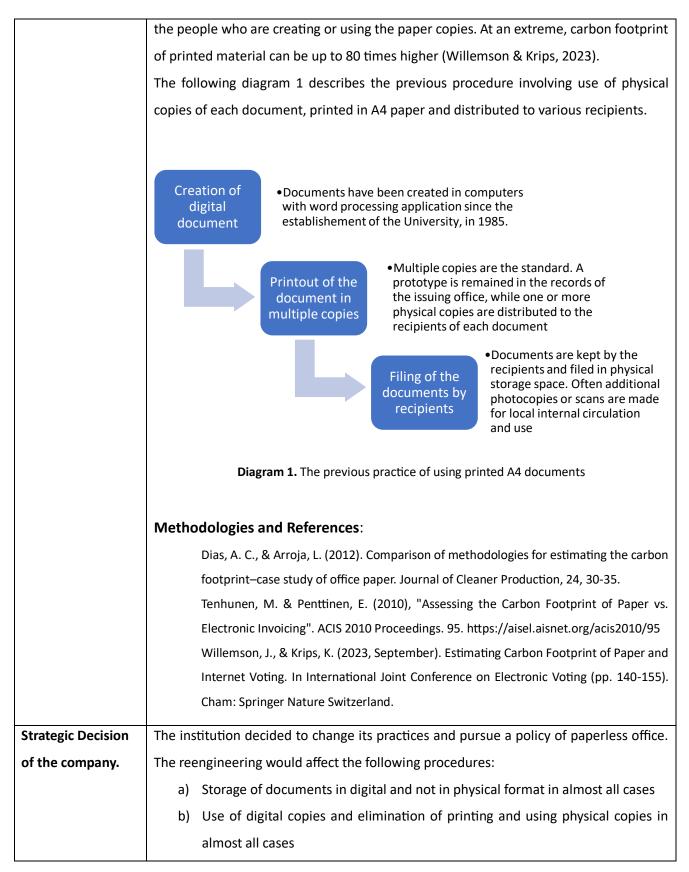
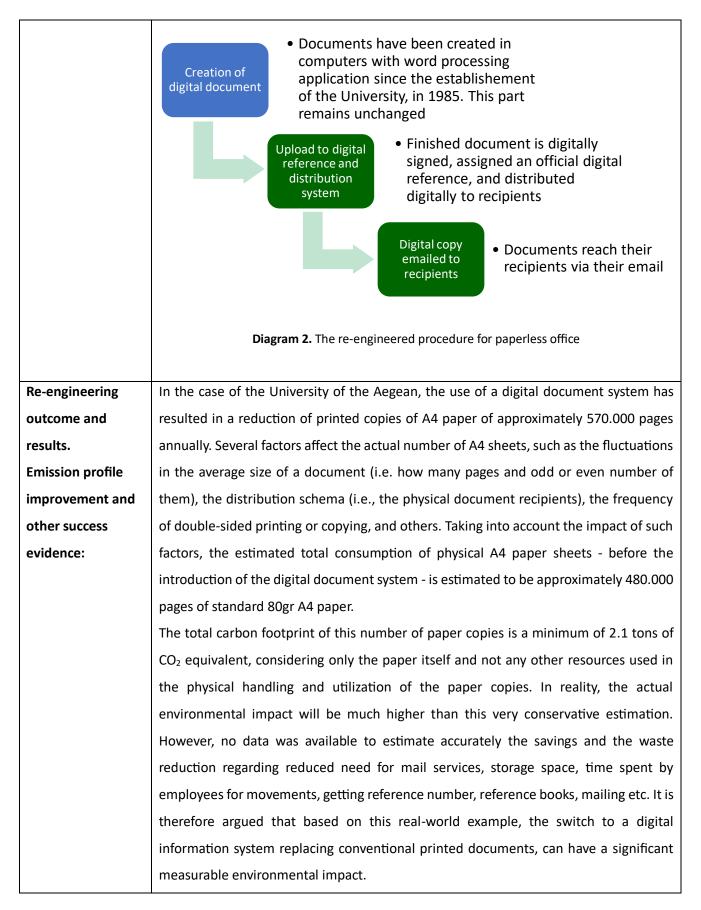
## REBUILT

## RESULT 3 – A1 – Best Practice "University of the Aegean Paperless Office"

Company Name:	University of the Aegean
Professional sector	Higher Education Institute – Large (EU definition, ISSN 2443-8219)
and company size	
Need/problem/	Reduction of consumables (A4 printing paper) and reduction of transportation needs
challenge	for tangible goods (mail and packages). Reduction of office supplies and consumables.
addressed	Increase in personnel productivity. Streamlining and increase in the efficiency of all
	administrative procedures.
Short presentation	The University of the Aegean is a public, multi-campus university located in the islands
of the company:	of Lesvos, Chios, Samos, Rhodes, Syros and Lemnos, in Greece. It is a Research
	University with 18 undergraduate programs, many graduate programs, research
	activities, and international collaborations in various fields of study. It has over 10000
	undergraduate and graduate students, over 500 PhD candidates and approx. 1000
	faculty members and administrative personnel.
Initial Process and	In the past, all administrative documents within the University were printed and
CO <sub>2</sub> Emission	distributed in physical form, using A4 papers. Tons of paper were used each year in all
Profile (tools,	academic units for various purposes.
methodologies,	The carbon footprint of a standard (80gr) sheet of office paper (A4) is typically between
theories,	4.19 and 4.74 gr of $CO_2$ equivalent (Dias & Arroja, 2012). Of course, creation and
references):	management of digital copies also has a cost in terms of resources related to the
	introduction and management of the necessary information systems. However, the use
	of resources by digital systems and the corresponding carbon footprint is significantly
	lower compared to using physical paper. In a study conducted by Tenhunen and
	Penttinen (2010) it was estimated that when a process using paper is digitalized, carbon
	footprint is reduced by approximately 63%. In many cases, the actual carbon footprint
	difference can be significantly higher, since printed paper uses additional resources
	related to the movements of the paper itself or the resources, including movements, of



	c) Digital distribution of copies to recipients and elimination of need to distribute
	and mail physical copies individually or in bulk
	d) Digitization of the official document reference procedure
	e) Use of digital signatures in all official documents issued by any office of the
	Institution
Process	The implementation of the paperless office policy resulted in several changes that were
reengineering on	made in the internal processes to adapt to the new re-engineered digital procedures:
selected waste	a) While the digital documents are still created locally, they are now uploaded to
(resources,	a central digital repository where they are formalized and given a central
methodologies,	reference number.
tools):	b) This use of a central digital service has eliminated the need for local protocol
	offices and procedures that were used to provide an official reference number
	on each document, including manual recording of the topic and other details of
	the document in a catalog book, where the document main info was inserted
	as either an incoming or outgoing document. This procedure has now been
	automated and the reference number is assigned by the system.
	c) Digital signatures are applied to the documents, replacing physical signatures
	and official stamps
	d) With the exception of specific administrative documents, no physical copies are
	stored in the records of the issuing office.
	e) The distribution of the copies is no longer done by printing or photocopying an
	additional copy for each recipient and then sending the copies by internal or
	external mail. Instead, they are distributed digitally and each recipient receives
	a notification and a digital copy in his/her email.
	The re-engineered procedure is described in the following diagram 2:



Please identify the	Goal 8: Promote sustained, inclusive and sustainable economic growth, full and
sustainability goals	productive employment and decent work for all (targets: sustainable economic growth;
(SDGs) and the	diversify, innovate and upgrade for economic productivity; improve resource efficiency
specific targets	in consumption and production)
achieved in the	Goal 9: Industry, Innovation and Infrastructure (targets: upgrade all industries and
described case:	infrastructures for sustainability; enhance research and upgrade industrial
	technologies)
	Goal 12: Responsible consumption and production (targets: achieve the sustainable
	management and efficient use of natural resources; encourage companies to adopt
	sustainable practices)