

<p>DESTINI</p> <p>SMART DATA PROCESSING AND SYSTEMS OF DEEP INSIGHT</p> <p>http://www.destini2020.eu</p>	 <p>DESTINI Smart Data Processing and Systems of Deep Insight</p>
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Deliverable D6.1

Project Website

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1. Introduction

DESTINI's website was created using bootstrap a CSS Framework for developing responsive websites. It is hosted on the web servers of the Cyprus University of Technology.

The website may be accessed using the following link: <http://www.destini2020.eu>.

The rationale based on which the website was built is to offer a simple and easy-to-use environment for disseminating information about the project, its objectives, progress and main results. Also, the website is expected to become the main link between the partners and industrial stakeholders that wish to be actively involved in the project on a voluntarily basis and participate in certain activities like workshops, information events and summer schools.

The rest of the document describes briefly the main screens/tabs of the website.

2. Homepage

The Homepage of the project's website provides a top menu with links to the different tabs and the project's logo (see figures 1, 2, 3). Also in this area, a visitor is able to find the project's official Facebook and Twitter page links, and the LinkedIn profile of the project. The main area contains the project's full title and specific thematic area of H2020, along with the logos of the partners and the EC. Below this, a brief description about the project is given.

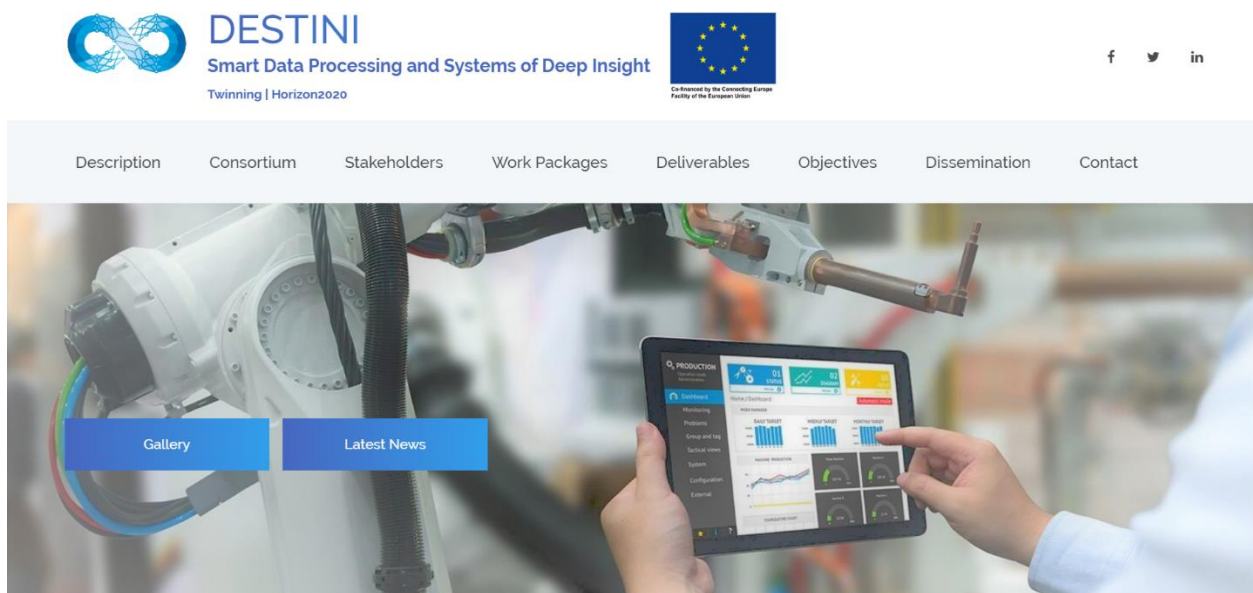


Figure 1. Homepage.

About the project

DESTINI H2020 Twinning Project proposes a series of coordination and support actions for promoting research in the area of Smart Data. It brings together two internationally recognized scientific groups from the Netherlands (Tilburg University and Jheronimus Academy of Data Science - ERISS/JADS) and Italy (Sapienza Università di Roma - UNIROMA) that collaborate with Cyprus University of Technology (CUT) so as to strengthen CUT's research and scientific profile in the relevant area. The aim of DESTINI is to facilitate transfer of scientific knowledge and expertise, as well as of best research practices from the leading institutions to CUT. The ultimate goal is that the research group of CUT increases its research capacity and prowess, by investigating a number of significant and hot topics in the field of Smart Data Processing and Systems of Deep Insight.



News & Announcements
News feed of the project



Gallery
Multimedia of the Project



Workshop & Schools
Workshop and schools organised during the Project

Figure 2. Homepage (continued)



Research Publications
Research Publication of the Project



Leflets & Invitations
Leflets & Invitations created during the Project



Technical Reports
Technical Reports produced during the Project

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Figure 3. Homepage (continued)

3. Description tab

The tab “Description” provides more information about the project, particularly details concerning its mission, so that visitors can read and understand what this project is all about (see figures 4, 5, 6).

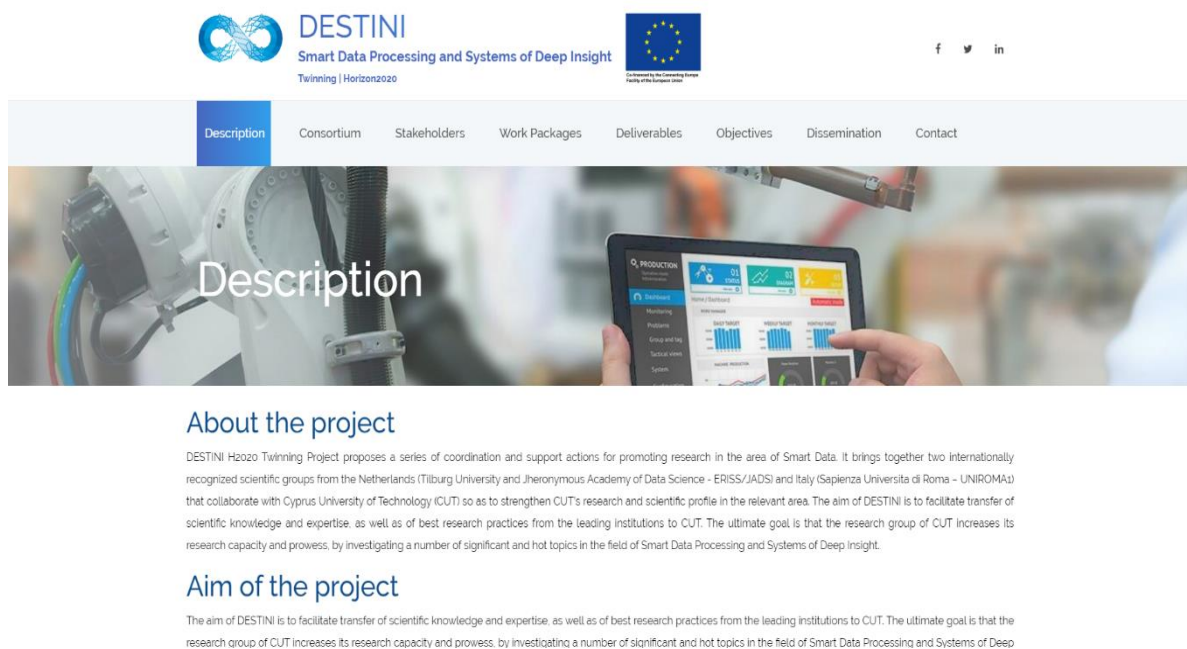


Figure 4. Description tab

The screenshot shows the 'Description' tab of the DESTINI website. At the top, there is a navigation menu with the following items: Description, Consortium, Stakeholders, Work Packages, Deliverables, Objectives, Dissemination, and Contact. Below the menu is a logo for DESTINI, which includes the text 'Smart Data Processing', 'Big Data', 'Cloud Computing', 'Development', 'Intelligence', and 'CUT'. The main content area is titled 'Research pillars' and contains the following text:

The research pillars of DESTINI also called Joint Research Activities (JRAs) are Smart Data Processing Systems, Systems of Deep Insight and Methodology for Smart Data-centric Services & Applications.

Smart Data Processing Systems: This JRA includes data ingestion, data aggregation of an enormous variety of structured, unstructured and semi-structured datasets, knowledge-based meta-data representation techniques for the conversion of raw into smart data, data privacy and protection, automated deployment, run-time software performance monitoring and dynamic configuration.

Systems of Deep Insight: This JRA focuses on analytic solutions that enable optimization of asset performance in smart data processing systems and is geared towards systems of insight. These are systems that turn data into insights, systematically test insights and find those data that matter to make them contextual and actionable.

Methodology for Smart Data-centric Services & Applications: This JRA targets smart application development techniques by providing a methodology that interlocks elements of smart data processing and systems of deep insight to alleviate complexity and the effect of changes, thus speeding up the entire software development/deployment process for smart applications in priority sectors identified by the Smart Specialisation Strategy of Cyprus (S3Cy).

We envisage that a number of high-quality research results may be produced during and after the duration of the project; this will enable CUT to significantly increase its international standing in the research community, by both achieving related publications in the top-tier scientific journals and conferences of our research area, as well as by producing new tools that will benefit industrial and business stakeholders. Close cooperation between the partners of DESTINI will take the form of knowledge acquisition and transfer through personnel exchanges, expert visits, organization of workshops and summer schools with lectures delivered from the leading institutions; participation in international scientific conferences/workshops, development of joint training sessions and mobility programmes for early stage researchers, and establishment of strong links with the market/industry.

Figure 5. Description tab (continued)

The screenshot shows the 'Description' tab of the DESTINI website. At the top, there is a navigation menu with the following items: Description, Consortium, Stakeholders, Work Packages, Deliverables, Objectives, Dissemination, and Contact. Below the menu is a logo for DESTINI, which includes the text 'Smart Data Processing', 'Big Data', 'Cloud Computing', 'Development', 'Intelligence', and 'CUT'. The main content area is titled 'Project Milestones' and contains the following text:

Milestone 1:
Identification of the scientific backbone, core concepts, enablers, gaps, weaknesses, challenges, problems and best practises within the Smart Data Processing and Systems of Deep Insight areas of research. **[M3]**

Milestone 2:
Execution of gap analysis and evaluation of CUT's current research status and potential on the JRAs of focus within the area of Smart Data Processing and Systems of Deep Insight, and formulation of DESTINI's Research & Innovation Agenda. **[M5]**

Milestone 3:
Formation of the core stakeholders' collaboration basis for continuously receiving feedback and preparing the ground for future joint funding proposals and piloting activities. **[M8]**

Milestone 4:
Launching of joint training and mobility programs for the engagement and integration of early stage researchers. **[M8]**

Milestone 5:
Development of strategic research partnerships globally to pursue sustainability and attract EU and national funding in the future. **[M24]**

Milestone 6:
Development of a strong scientific background on Smart Data Processing and Systems of Deep Insight. Enhancement of CUT's research capacity, effectiveness and potential. **[M36]**

Figure 6. Description tab (continued)

4. Consortium tab

The tab “Consortium” presents the partners who participate in DESTINI. The visitor is can view the description of the partner’s profile, its role in the project and a link to that partner’s official website (see figures 7, 8, 9).

The screenshot shows the DESTINI project website. At the top, there is a navigation menu with tabs: Description, Consortium (selected), Stakeholders, Work Packages, Deliverables, Objectives, Dissemination, and Contact. Below the menu is a banner image with the word "Consortium" overlaid. The main content area features the logo of the Cyprus University of Technology and a text block titled "Project Coordinator".

Project Coordinator
The Cyprus University of Technology (CUT) was established in 2004 to fill in gaps within Cyprus' higher education by offering degrees in undergraduate and post graduate levels that are not offered by the University of Cyprus or by other higher education institutions. CUT provides six faculties that students can choose from: Geotechnical Sciences and Environmental Management, Management and Economics, Communication and Media Studies, Health Sciences, Fine and Applied Arts, Engineering and Technology, and one Language Centre. Cyprus University of Technology (CUT) has as its strategic target the design and development of research activities both within the University and in cooperation with other research institutes in Cyprus and abroad. The research emphasis of CUT is reflected in the substantial funding provided to academics for the establishment of research centres and laboratories. CUT aims at transferring knowledge (education) and producing new knowledge through basic and applied research in all the academic fields of the University's five Faculties. Research is carried out in each different

Figure 7. Consortium tab

This screenshot continues the Consortium tab content. It shows the navigation menu with "Consortium" selected. Below the menu is a banner image with the text "Union's declarations relating to the creation of the European Research Area (ERA)". The main content area features the logo of Tilburg University and a text block describing the European Research Institute in Service Science (ERISS/UVT).

Union's declarations relating to the creation of the European Research Area (ERA)

TILBURG UNIVERSITY

The European Research Institute in Service Science that participates in this project is hosted by the University of Tilburg (Netherlands). ERISS/UVT is a multi-disciplinary, internationally renowned research and development institute that is committed to pooling, coordinating and consolidating research activities in service science, management and engineering (SSME) across Europe. To achieve multidisciplinary excellence in SSME, ERISS works closely with other research groups hosted by TISEM, such as CENTER, a world-class economics and business research institute. Tilburg's goal is to become the best education and research institute in the Netherlands and among the top five at the European level in all departments. ERISS undertakes research in service and data science, particularly in the areas of distributed data management, smart data and services, and globally integrated networks of data and services. The focus of research at ERISS is the real-world challenges facing service networks that demand the use of a wide range of multiple conceptual, methodological and substantive approaches. Recently Tilburg University in cooperation with Eindhoven University launched the Jheronimus Academy of Data Science (JADS) in 's-Hertogenbosch which is home to the Graduate School Data Science and Entrepreneurship. ERISS is an integral part of JADS and will link it with related activities in the DESTINI initiative. ERISS is a world leader in matters related to services research. Members of ERISS have experience of participation in international projects and collaborations. ERISS is the scientific director of the EC's FP7 Network of Excellence in Software Services & Systems (S-Cube, <http://www.s-cube-network.eu>). Service-based systems were also researched by ERISS as part of their work in the FP7 STREP COCKPIT project that used Web 2.0 techniques and social media to allow collaborative service design and delivery between citizens and public administrations. In the FP-7 STREP project COMPAS ERISS staff has developed a request and service compliance language for automatic checking of business process compliance with business rules and regulations. In addition, ERISS was involved in the FP-7 IP 4CaaST project where they developed the blueprinting DSL and methodology as a means to describe, discover, customize and dynamically deploy cloud software service systems. Furthermore, ERISS currently has a leading role in the FP-7 CIP project CitySDK, which aims to create a toolkit for the development of digital services within cities. The toolkit provides a range of interoperable digital service interfaces as well as processes, guidelines and usability

Figure 8. Consortium tab (continued)


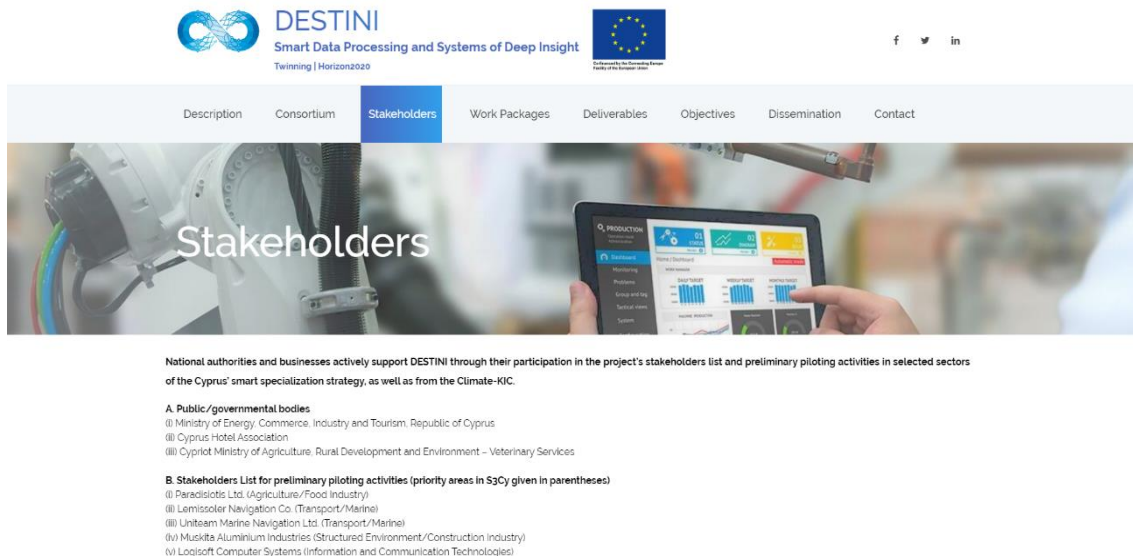
Description	Consortium	Stakeholders	Work Packages	Deliverables	Objectives	Dissemination	Contact
		<p>Sapienza Università di Roma is one of the largest and oldest universities in Italy. It has established itself as one of the most prestigious academic institution in science and technology in Europe. In 2017 the Center for World University Rankings ranked Sapienza 84th in the world and the top in Italy in its World University Rankings (cf. https://www.uniroma1.it/en/notizie/sapienza-international-ranking). Dipartimento di Ingegneria Informatica Automatica e Gestionale Antonio Ruberti (DIAG) is a multidisciplinary research center that hosts more than 70 Sapienza faculties and more than 10 research labs from the School in Computer Science & Engineering. DIAG faculties are well-known researchers worldwide and have huge experience working in EU programs. As an example, currently, DIAG manages more than 20 among International and National projects. The group working in this project is internationally renowned and has gathered support from the European Commission, the Italian Ministry for Research, the Italian Ministry for Finance, Monte dei Paschi di Siena, Finmeccanica, Telecom Italia, IBM among others. The prior EU involvements include the coordination of WORKPAD (FP6, 2006-2009) and SM4All (FP7, 2008-2011) and the participation to recent projects FIRST (H2020 RISE, 2017 - ongoing), ACSI (FP7), GreenerBuildings (FP7), SmartVortex (FP7), Optique (FP7), VOICE (FP7, just concluded in October 2017), SEMANTIC-GOV (FP6), TONES (FP6), as well as extensive ongoing EC project review and evaluation activities. DIAG has been recently awarded as Excellent Department (Dipartimento di Eccellenza) by the Italian Ministry for Education and Research (MIUR): a prestigious award given to 180 departments all over Italian universities (on all disciplines) on the basis of the research, education and knowledge transfer activities performed over the last 5 years, and allowing special funding for new positions and laboratories.</p>					
<p>Follow us on Social Media</p> <p>f t in</p>		<p>Copyright ©2019 All rights reserved by SES Research Lab</p>					

Figure 9. Consortium tab (continued)

5. Stakeholders tab

The tab “Stakeholders” presents information about the different stakeholders that currently participate in the project in cooperation with the project’s partners in each country (see figures 8, 9). Currently, only a limited number of stakeholders who have already expressed their interest to voluntarily participate in the project from Cyprus are displayed. As the project progresses, it is anticipated that many more stakeholders will join once dissemination activities are performed in each country. Information about the new stakeholders will be inserted periodically.



DESTINI
Smart Data Processing and Systems of Deep Insight
Twinning | Horizon2020

European Union
Partnership for the European Digital Industry Revolution

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Description Consortium **Stakeholders** Work Packages Deliverables Objectives Dissemination Contact

Stakeholders

National authorities and businesses actively support DESTINI through their participation in the project's stakeholders list and preliminary piloting activities in selected sectors of the Cyprus' smart specialization strategy, as well as from the Climate-KIC.

A. Public/governmental bodies

- (i) Ministry of Energy, Commerce, Industry and Tourism, Republic of Cyprus
- (ii) Cyprus Hotel Association
- (iii) Cypriot Ministry of Agriculture, Rural Development and Environment – Veterinary Services

B. Stakeholders List for preliminary piloting activities (priority areas in S3Cy given in parentheses)

- (i) Paradisiotis Ltd. (Agriculture/Food Industry)
- (ii) Lemissolier Navigation Co. (Transport/Maritime)
- (iii) Liniteam Marine Navigation Ltd. (Transport/Maritime)
- (iv) Muskita Aluminium Industries (Structured Environment/Construction Industry)
- (v) Logisoft Computer Systems (Information and Communication Technologies)

Figure 10. Stakeholders tab

Description	Consortium	Stakeholders	Work Packages	Deliverables	Objectives	Dissemination	Contact
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B. Stakeholders List for preliminary piloting activities (priority areas in S3Cy given in parentheses)

- (i) Paradisiotis Ltd. (Agriculture/Food industry)
- (ii) Lemissoler Navigation Co. (Transport/Marine)
- (iii) Uniteam Marine Navigation Ltd. (Transport/Marine)
- (iv) Muskita Aluminium Industries (Structured Environment/Construction Industry)
- (v) Logisoft Computer Systems (Information and Communication Technologies)
- (vi) Lefkonotziatis Dairies (Agriculture/Food Industry)

C. Other collaborators

- (i) Climate-KIC and the Innovation & Technology Office (INTENT)

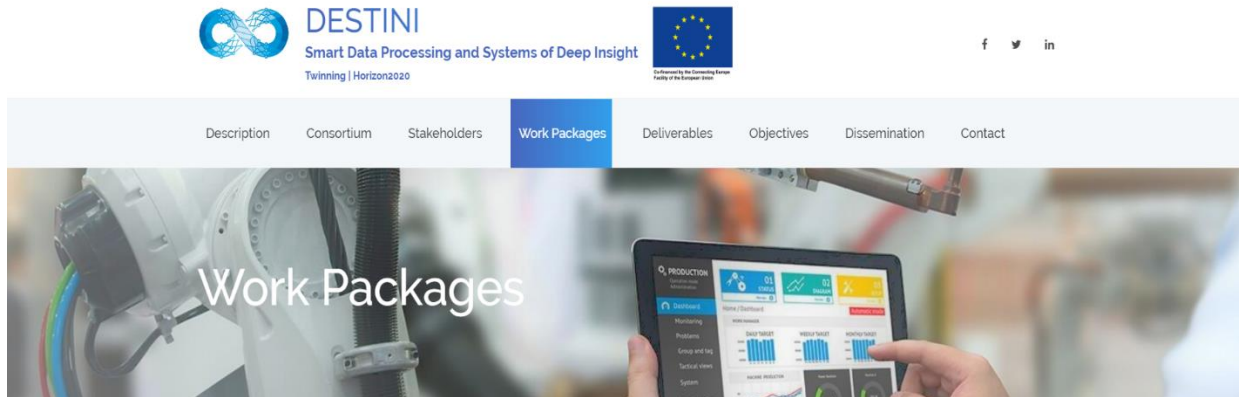
Target Group of Stakeholders: IT industry, including software solution developers, business analysts, cloud service vendors and providers, data science and engineering experts, SMEs, and SME Associations, User companies, businesses and specific industry verticals such as manufacturing, tourism, shipping, finance, health care service providers, agriculture experts, dairy and meat food producers, etc., Research Community, Organizations and Institutes, Local authorities (Ministries, Public Services, Municipalities) Policy Makers



Figure 11. Stakeholders tab (continued)

6. Work packages tab

The “Work Packages” tab includes the title and description of each Work Package (WP) so that visitors to the website are able to understand the main targets of each WP and the main activities that take place (see figure 12).

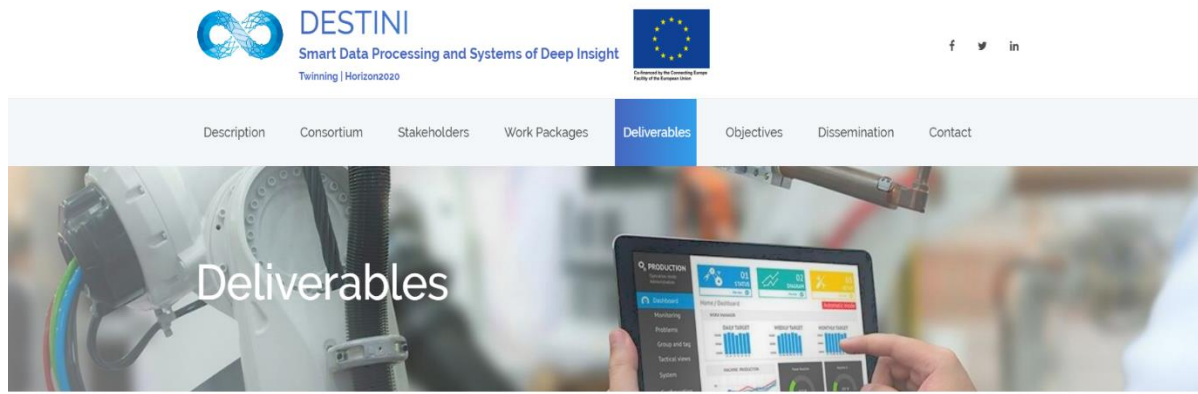


No.	Title and Description
WP1	<p>Project Management</p> <p>Provides coordination between the project's consortium and management of all project activities to ensure the completion of all parts of the proposed project in a timely and efficient manner and in a way that the sci-entific, technological, financial and stakeholders' expectations are fully met. It also handles all administrative work and communication with the EU for fulfilling financial and procedural obligations.</p>
WP2	<p>Scientific Analysis and Planning, Capacity Development</p> <p>Outlines a thorough research analysis to identify core concepts, state of the art methods, models and techniques, challenges, weaknesses and best practises within Smart Data Processing and Systems of Deep Insight. In addition a gap analysis as well as an evaluation of the CUT's research standing and capacity on the Smart Data Processing and Systems of Deep Insight JRA's is performed to develop a research and innovation agenda, focusing on key areas that guide transfer of knowledge.</p>
WP3	<p>Training and Knowledge Transfer</p> <p>Promote the ability to support successful transfer of knowledge, best practices and research skills from the leading institutions to CUT to enable the research</p>

Figure 12. Work packages tab

7. Deliverables tab

The “Deliverables” tab shows a table with information about the deliverables of the project. The table includes the identifier of each deliverable and also indicates whether or not the deliverable has been completed yet or not. The list will be continuously updated as regards progress of delivery of the documents.



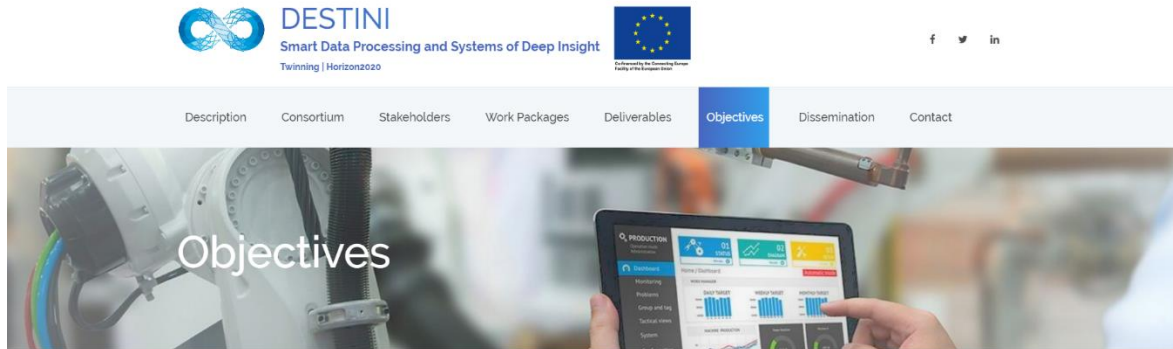
The screenshot shows the DESTINI project website. The header includes the DESTINI logo (Smart Data Processing and Systems of Deep Insight, Twinning | Horizon2020) and the European Union flag. The navigation menu has 'Deliverables' selected. Below the menu is a banner image with the word 'Deliverables' overlaid. The main content area contains a table of deliverables.

No.	Title
1.1	Project Handbook, Quality Plan & Risk Management
1.2	Periodic Reports
2.1	Survey on Smart Data Processing and Systems of Deep Insight Current Research and Future Challenges
2.2	Gap Analysis and Evaluation of Capacity Report
2.3	Research & Innovation Agenda
3.1	Report on Training Content, Material, Webinars

Figure 13. Deliverables tab

8. Objectives tab

The “Objectives” tab links each WP with detailed descriptions of specific objectives of DESTINI.



DESTINI
Smart Data Processing and Systems of Deep Insight
Twinning | Horizon2020

European Union
Funded by the European Union
View of the European Union

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Description Consortium Stakeholders Work Packages Deliverables **Objectives** Dissemination Contact

Objectives

DESTINI will be built around a shared research vision in Smart Data Processing and Systems of Deep Insight established by strategically partnering CUT with international leading European counterparts that have an established record in the field. Scientific and technological excellence will be achieved by the effective and durable integration of the research capacities of the participants.

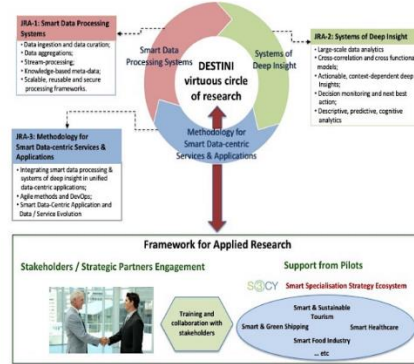
The international leading partners have the “name-recognition”, reputation and experience to confer the greater visibility, credibility and prestige that DESTINI needs to become a major player in the region and Europe. The leading partners will contribute to the effective development of the research and innovation potential of CUT through knowledge transfer, sharing research results, expertise, reputation, and access to international networks.

It should be noted that the leading partners exhibit long-standing relationships and intense collaboration. Leading partners have extensive experience in management and administration of large-scale research networks and international education programmes. For instance, ERISS was the Scientific Director of the FP-7 Net-work of Excellence (NoE) on Software Systems and Services (S-Cube, see www.s-cube-network.eu), while UNI-ROMA1 coordinated the excellent-ranked projects FP6 WORKPAD, FP7 SM4All and FP7 ACSI. CUT and ERISS will build on experience and results of their successful collaboration in the context of TWINNING project DOSSIER-CLOUD. In addition, ERISS are the coordinators of the ERASMUS Mundus International Master’s degree in Service Engineering (IMSE - www.erasmusmundus-imse.eu).

Figure 14. Objectives tab

ACSI, CUT and ERISS will build on experience and results of their **successful collaboration in the context of TWINNING project DOSSIER-CLOUD**. In addition, ERISS are the coordinators of the ERASMUS Mundus International Master's degree in Ser-vice Engineering (IMSE - www.erasmusmundus-imse.eu).

The international leading partners aim to take CUT to the next level and help it become an innovative, world-leading research organisation where the notion of bold and creative thinking, excellence and discovery per-vides all aspects of research and results in high impact scientific breakthroughs essential to innovation and knowledge transfer activities that, at the same time, tackle key economic and societal issues in Cyprus and the surrounding region.



The DESTINI research agenda and its framework for applied research

Figure 15. Objectives tab (continued)

9. Dissemination tab

The “Dissemination” tab is divided into several categories (see figures 16 and 17). By clicking on a category the visitor is redirected to separate pages where the dissemination material for that specific category can be browsed and downloaded.



Figure 16. Dissemination tab

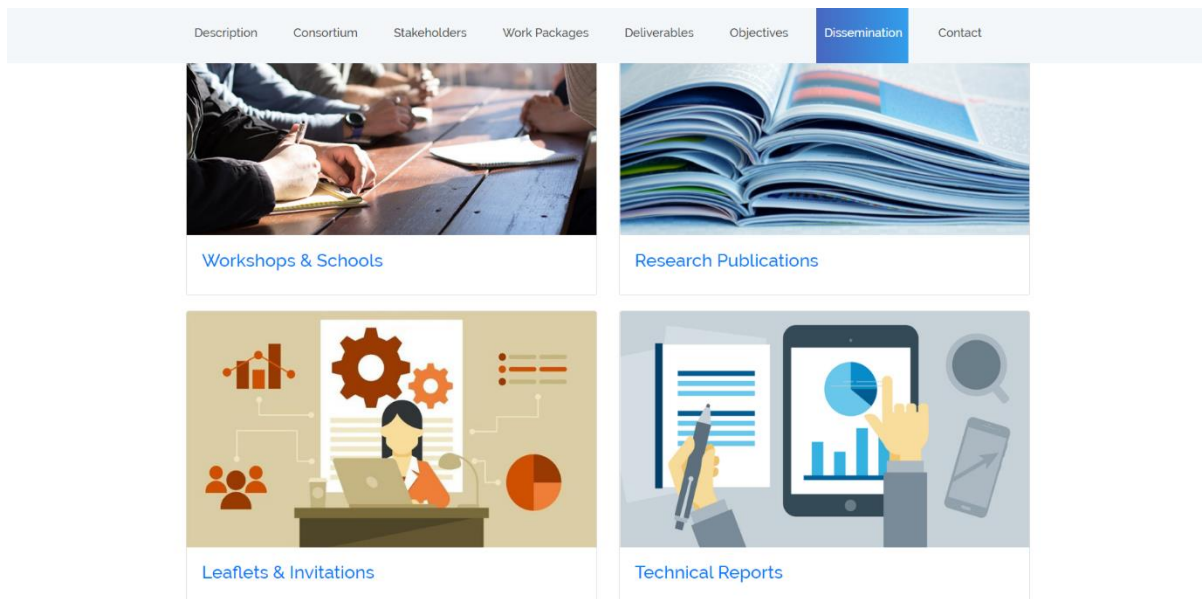


Figure 17. Dissemination tab (continued)

10. News tab

The “News” tab presents any new posts and announcements of the project (see figure 18).

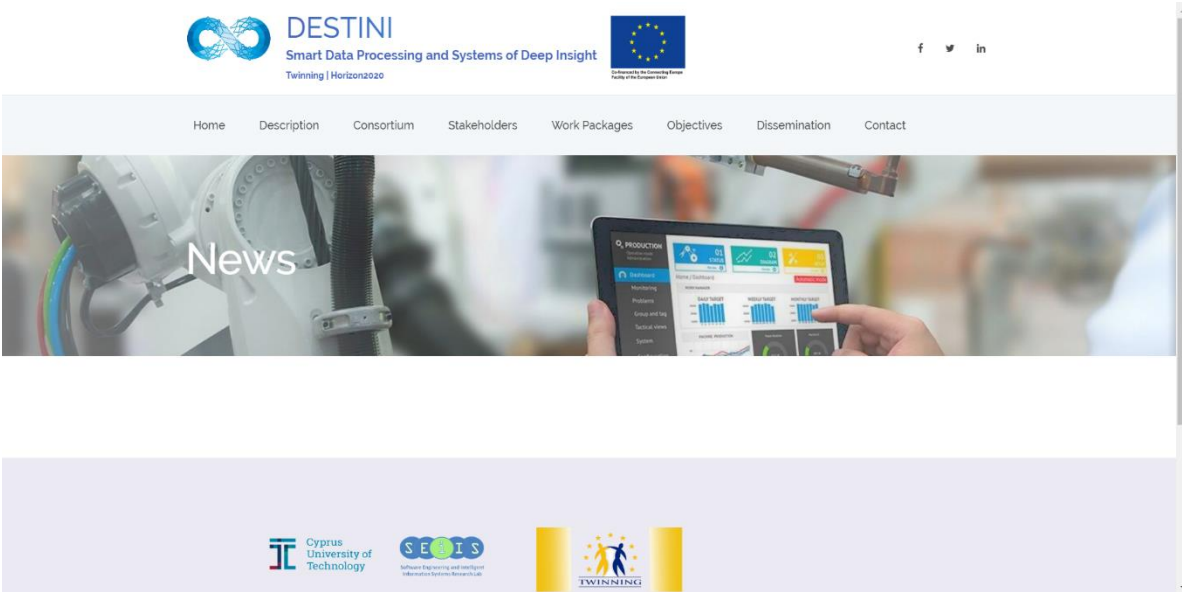


Figure 18. News tab

11. Contact us tab

The “Contact Us” tab, which is the last tab of DESTINI’s website, provides all the necessary information for the interested user to contact the coordinators of the project. The information includes the address, phone number, e-mail, various links and the location of the Coordinator’s premises. There is also a “contact us” form so that visitors can fill in their information and contact the project coordinator directly (see figure 19).

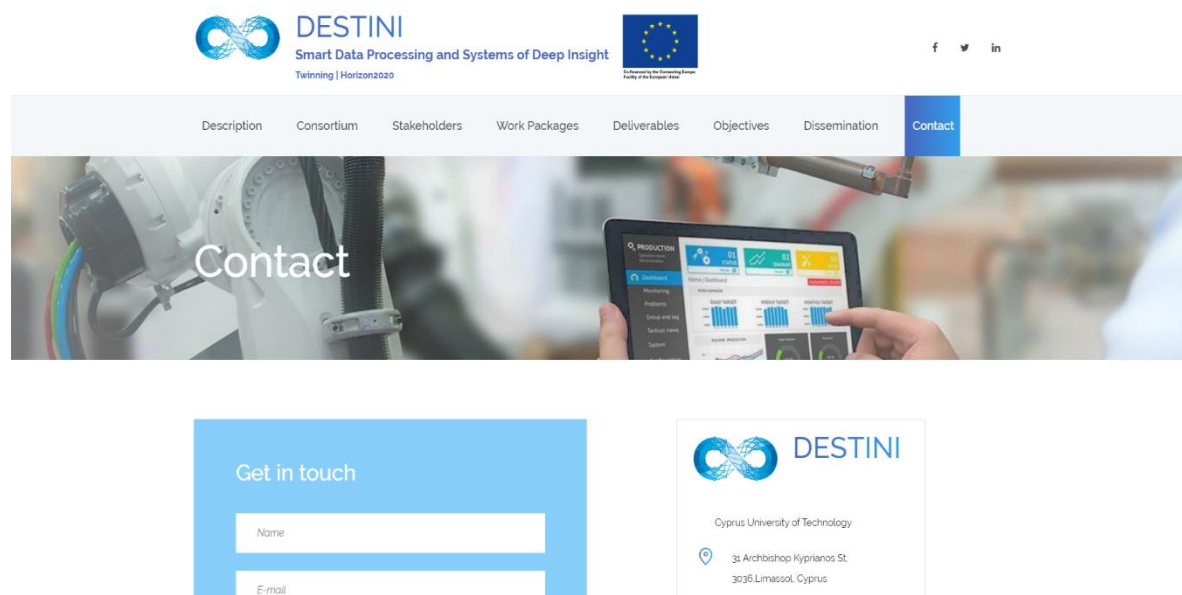


Figure 19. Contact us tab

12. Footer section

This footer area of the website shows the partners' logos, as well the EC and Horizon 2020 logos (see figure 20).



Figure 20. Footer information

13. Conclusion

This document briefly presented the website structure and content for the DESTINI project. The content will be frequently updated as the project progresses so that the website is continuously the latest source of information about the project, its progress and achievements.