



***REMODEL - Robotic tEchnologies
for the Manipulation of cOmplex
Deformable Linear objects***

Deliverable 8.1 – PROJECT WEBSITE

Version 2020-01-10

Project acronym: REMODEL

Project title: Robotic tEchnologies for the Manipulation of cOmplex Deformable Linear

Grant Agreement No.: 870133

ObjectsTopic: DT-FOF-12-2019

Call Identifier: H2020-NMBP-TR-IND-2018-2020

Type of Action: RIA

Project duration: 48 months

Project start date: 01/11/2019

Work Package: WP8 – Communication/Dissemination, Exploitation and Knowledge Management

Lead Beneficiary: UNIBO

Authors: Maite Ortiz de Zárate

Dissemination level: Public

Delivery date: 31/01/2020

Project website address: <https://remodel-project.eu>

Table of Contents

1	Executive Summary	3
2	Introduction or Background	4
3	Description of the web portal.....	5
3.1	Menu and Welcome page.....	5
3.2	Home.....	6
3.3	Objetives	6
3.4	Project Structure.....	8
3.5	Partners.....	10
3.6	Documents & Publications.....	11
3.7	Blog	12
3.8	Events	13
3.9	Contact us	14
3.10	Private Area.....	15
4	Description of intranet (internal web).....	16
4.1	Alfreso community.....	16
4.2	Location.....	16
4.3	Structure.....	17

1 Executive Summary

This deliverable presents the public web portal and the internal web portal (intranet) designed for REMODEL.

The public web is located on <https://remodel-project.eu>, the web contains the main information about the objectives, mission and vision of REMODEL, as well as the structure of the project.

The purpose of the web portal is to keep public the activity and progress in the project, the dissemination activities and the list of publications will be updated periodically in the Documents & Publications section, as well as the blog section that will be updated each month with a new post.

Looking for direct contact with the interested stakeholders on REMODEL developments, direct email to the project coordinator and partners on the consortium have been included.

The internal web is located on <http://intranet.remodel-project.eu/>. The purpose of the internal web is to maintain centralized all project activity and the control of the project process.



2 Introduction or Background

The REMODEL Public Web Portal has been primarily developed for any user who wants to be informed for the content and the achievements of the REMODEL project. The main objective of the portal is to promote the REMODEL project via Internet. The main aim is to achieve worldwide dissemination of the knowledge of the project, to publish news and information and to enable the communication between the project coordinator and everyone who is interested in the project.

In the next section will be explained the followed template and the current contents.

REMODEL Public Web Portal has been developed and maintained by the Fundacion Tecnalía Research and Innovation (TECNALIA)

3 Description of the web portal

3.1 Menu and Welcome page

Page location: <https://remodel-project.eu/>

REMODEL
Robotic tEchnologies for the Manipulation of cOmplex Deformable Linear objects

> Home
 > Objectives
 > Project Structure
 > Partners
 > Documents & Publications
 > Blog
 > Events
 > Contact Us

Tweets by @REMODEL_H2020

REMODEL (@REMODEL_H2020)
The official launching of the Project was done in Bologna. Don't miss our first #REMODELpost!! #Robotic #ResearchImpactEU #remodel-project.eu/news/kkk-meet...

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 870133

MEMBERS PRIVATE AREA
username
password
Login

Applications: Medical Composites, Energy Distribution, ICT & Automation, Domestic Appliances, Clothing and Footwear, Constructions
Stakeholders: Governments, Energy Providers, Media, Manufacturing Industries, Service Providers, Infrastructure Developers
Consumers: Citizens, Organizations, Industries, Academics, Transportation Agencies

Cables and Wires Handling

- Political:** Directives on Energy Efficiency, Smart Grids, IT Infrastructures and Services, Industrial Leadership
- Economic:** Reduction of Manufacturing Time and Costs, Financing (Public, Private, Insurance), Cost of Supply and Maintenance
- Social:** Reliability of Energy Supply and Transportation, Quality and Safety at Workplace, Cost of Goods and Services, Quality of Services
- Technical:** Assisted and Automatic Manufacturing, Product Quality, Monitoring and Maintenance, Assessment of Standards

The REMODEL research project

REMODEL (Robotic technologies for the manipulation of complex deformable linear objects) project is a four-year project funded by the European Commission in the Horizon 2020 programme. The project consortium involves eleven partners.

REMODEL will enable new production environments, where the manufacturing of complex products composed of multiple wires and cables by means of robots is not only possible, but fully integrated with the product design chain. Wires, cables, wiring harnesses, laces and flexible tubes have a transversal application in many manufacturing processes, where these technologies could lean the scale for a total automation, decreasing the production costs and improving the worker conditions.

REMODEL will bring new opportunities to human-intensive labor manufacturing processes like the one dealing with cables and wires, where the routing and fitting tasks are calling for advanced handling techniques.

The REMODEL robotic ability will impact several production scenarios in which human work is widely adopted due to the complexity in the objects, materials and manipulation tasks, characterized unpredictable initial configuration as well as large deformability and plasticity.

To proof the effectiveness of the REMODEL outcomes, four industrial manufacturing use cases provided by the industrial partners and covering five different domains, i.e. the production and assembly of wiring harnesses in the automotive and the aerospace field, the switchgear wiring and the manufacturing of medical consumables, will be developed.

© 2019 TECNALIA. All rights reserved.
Parque Científico y Tecnológico de Euzkadi - C/ Sainza y Pando 700, E-48940 Leioa (Bizkaia), País Vasco
900.790.000 - International calls: (+34) 940.420.850

Legal information | Privacy policy | Cookie preferences

Figure 1. REMODEL Public Web Portal – Home page of the portal



The web page will be maintained as public for 5 years (four years for the project duration plus one for dissemination and further contact activities).

3.2 Home

<https://remodel-project.eu/content/home>

This section has a summary about the project. The picture-carousel will be updated with pictures about the partners activities and information from the use cases as the project progresses

3.3 Objectives

<https://remodel-project.eu/content/objectives>

The objectives of the project is described in this section


- › Home
- › **Objectives**
- › Project Structure
- › Partners
- › Documents & Publications
- › Blog
- › Events
- › Contact Us

Tweets by @REMODEL_H2020

REMODEL @REMODEL_H2020
The official launching of the Project was done in Bologna. Don't miss our first #REMODELpost!! #Robotic #ResearchImpactEU remodel-project.eu/news/kick-meet...

Embed View on Twitter

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 870133



MEMBERS PRIVATE AREA

Objectives

The REMODEL vision will be pursued by developing the following technological and scientific objectives:

- Objective 1.** Manipulation devices and robotic platforms specialized for the manipulation of DLOs
- Objective 2.** 3D environment reconstruction, part identification, localization and deformation tracking
- Objective 3.** Modelling, identification, prediction and tracking of DLO shape and behaviour
- Objective 4.** Control algorithms based on perception data and DLO models, to join task planning and feedback control
- Objective 5.** DLOs grasp and manipulation control by vision-tactile-proximity data fusion, to manipulate DLOs in partially structured environments
- Objective 6.** Exploring Interactive Perception paradigm, to enrich sensory data with action to robustify the perception
- Objective 7.** Motion planning in clutter environments and manipulation of complex DLOs composed by multiple branches
- Objective 8.** Automated task planning to generate task sequence for the robots automatically from digital product design
- Objective 9.** Teaching by demonstration and tutored learning of robot skills, for new assembly references and tasks

To demonstrate the effectiveness of the technologies developed in REMODEL, a comprehensive set of industrial manufacturing use cases involving DLOs manipulation will be implemented and studied:

- Use case 1:** Switchgear wiring
- Use case 2:** Wiring harnesses manufacturing
- Use case 3:** Wiring harness assembly
- Use case 4:** Hose packaging

Figure 2. REMODEL Public Web Portal – Objectives

3.4 Project Structure

<https://remodel-project.eu/content/project-structure>

The Work Packages description and the partners involved is described in this section. Direct links for additional information about the activity on the WP is shown.

- › Home
- › Objectives
- › **Project Structure**
- WP2: Safety, System requirements and Performance Evaluation
- WP3: User and System Interface
- WP4: Vision-based Perception
- WP5: Cable Manipulation Planning, Execution and Interactive Perception
- WP6: Sensory Systems and Mechatronic Tools
- WP7: Development and Evaluation of Robot Abilities
- WP8: Communication, Dissemination, Exploitation and Knowledge Management
- › Partners
- › Documents & Publications
- › Blog
- › Events
- › Contact Us

Tweets by @REMODEL_H2020

REMODEL @REMODEL_H2020

The official launching of the Project was done in Bologna. Don't miss our first #REMODELpost!! #Robotic #ResearchImpactEU remodel-project.eu/news/kick-meet...

Embed View on Twitter

Project Structure

A work plan for REMODEL management has been developed. The activities are subdivided into 8 Work Packages (WPs). The work in each task is divided in such a way to achieve a balanced and synchronized development of all the key technologies and experimental evaluations along the REMODEL evolution from TRL 4 to TRL 6.



Detail WP description and the partners involved can be found in the next links:

WP1: Project Management [Leader: UNIBO; Participants: ALL]

WP2: System and Safety Requirements [Leader: TECNALIA; Participants: ALL]

WP3: System and User Interface [Leader: TAU; Participants: UNIBO, IEMA, TECNALIA, ELIMCO, TUM, PUT, ELVEZ, VW, EXTRUDAN]

WP4: Vision-based Perception [Leader: TUM; Participants: UNIBO, IEMA, TECNALIA, ELIMCO, PUT, ELVEZ]

WP5: Cable Manipulation Planning, Execution and Interactive Perception [Leader: PUT; Participants: UNIBO, UCLV, IEMA, TECNALIA, TAU, ELIMCO, TUM, ELVEZ]

WP6: Sensory Systems and Mechatronic Tools [Leader: UCLV; Participants: UNIBO, IEMA, TECNALIA, TAU, ELIMCO, TUM, PUT, VW, EXTRUDAN]

WP7: Development and Evaluation of Robot Abilities [Leader: UNIBO; Participants: ALL]

WP8: Communication/Dissemination, Exploitation and Knowledge Management [Leader: TECNALIA; Participants: ALL]

WP9: Ethics requirements [Leader: UNIBO; Participants: ALL]

Figure 3. REMODEL Public Web Portal – Project Structure

Links to WPs additional information are:

WP2: <https://remodel-project.eu/content/wp2-safety-system-requirements-and-performance-evaluation>

WP3: <https://remodel-project.eu/content/wp3-user-and-system-interface>

WP4: <https://remodel-project.eu/content/wp4-vision-based-perception>

WP5: <https://remodel-project.eu/content/wp5-cable-manipulation-planning-execution-and-interactive-perception>

WP6: <https://remodel-project.eu/content/wp6-sensory-systems-and-mechatronic-tools>

WP7: <https://remodel-project.eu/content/wp7-development-and-evaluation-robot-abilities>



WP8: <https://remodel-project.eu/content/wp8-communication-dissemination-exploitation-and-knowledge-management>

WP1 (Project Management) and WP9 (Ethics requirements) are not included in the web page.

3.5 Partners

<https://remodel-project.eu/partners>

This section has information about the partners including information about the contact person of each organization, role in the project and the link to each partner web site.

Partners

UNIBO

 Founded in 1988, the Alma Mater Studiorum – University of Bologna (UNIBO) is known as the oldest university of the western world. Nowadays, UNIBO still remains one of the most important institutions of higher education across Europe and the second largest university in Italy. UNIBO is organized in a multi-campus structure with 5 operating sites and, since 1995, also a permanent Headquarters in Buenos Aires. 11 Schools, 32 Departments, 12 Research and Innovation Centers and more than 84,000 enrolled students.
 Read More
UNIBO: <https://remodel-project.eu/partners/unibo>

UCLV

 Università degli Studi della Campania - Luigi Vanvitelli (UCLV) (until November 2016, Seconda Università degli Studi di Napoli) participates to REMODEL with the Automatic Control group of the Engineering Department. The main skills of Automatic Control research group of UCLV, -www.univclv.it/risorse/robotica- - which will be involved in REMODEL, are focused on the following scientific research areas strictly related to the project. Such experience is proved by several publications in International Journals and conferences proceedings of primary relevance, and by National and European patents.
 Read More
UCLV: <https://remodel-project.eu/partners/uclv>

IEMA

 IEMA has been present in the Industrial automation area since 1979, producing electrical and electronic systems for automatic machines, from the design to the production plant. Offered services are:
 • The study and planning of the electrical and/or pneumatic systems
 • Choice and buying of materials
 • Production of electrical switchgear following the required regulations
 • Study and assembling of switchgears, mounting of wiring on machine and testing of location resistance
 • Design and implementation of software
 • Tuning of hardware and software and validation of the machine at customer's plant
 • Final testing at the customer's plant and after-sales assistance also by phone.
 Read More
IEMA: <https://remodel-project.eu/partners/iema>

TECNALIA

 Fundación TECNALIA RESEARCH & INNOVATION is a private, non-profit, research organization resulting from the merger (1st January 2011) of eight research centers. TECNALIA is the technical, scientific, research and technology organization in Spain and the fifth largest in Europe, employing around 2,443 people (249 PhDs) and income of 505.2 Million € in 2017. TECNALIA is an equal opportunity employer: 56% men and 44% women employees.
 Read More
TECNALIA: <https://remodel-project.eu/partners/tecnalia>

ELIMCO

 Elmoo Aerospace is a company powered by Ingemot that offers high added value technological solutions for aerospace, defence, rail and naval sectors, among others. In 15 years of experience in the sector makes it be a reference international company in the fields of engineering, development and manufacturing of equipment for aeronautic and aerospace vehicles and the technical support services.
 Read More
ELIMCO: <https://remodel-project.eu/partners/elimco>

TAU

 Tampere University (TAU, Tampereen korkeakoulusäätiö) was created on 1 January 2009 as a merger of Tampere University of Technology (TUT) and University of Tampere (UTA). Multidisciplinary foundation based Tampere University is Finland's second-largest university. TAU conducts scientific research in technology, health and society and provides the highest education within these fields. Tampere University Foundation that operates as Tampere University is also the majority shareholder of Tampere University of Applied Sciences. This new higher education community in Tampere consists of 30,000 students, 330 professors and 4,400 employees.
 Read More
TAU: <https://remodel-project.eu/partners/tau>

TUM

 The Technical University of Munich is a prime educational and research institute in the state of Bavaria, with locations in and around Munich, Germany. It is consistently ranked among the best universities in the world (46th, 47th and 62th according to the World University Ranking, Academic Ranking of World Universities and QS World University Ranking, respectively). The Computer Science Department of the TUM is one of the best in Germany with its extensive collaborations with research institutes and industries alike and it is in the 9th position in the world in computer science (World University Ranking). Moreover, TUM is one of the German universities that were awarded the "Universities of Excellence" status by the German National Science Foundation (Future Campus 2026/2030 and 2033). Over 250% of annual funding makes it one of the most successful universities in Germany in terms of third-party funding.
 Read More
TUM: <https://remodel-project.eu/partners/tum>

PUT

 Poznań University of Technology (PUT) was established in 1930. Currently, it is one of the leading technical universities in Poland. PUT trains highly qualified personnel in the broadly defined field of engineering and IT resources and 26 fields of studies. Currently PUT employs over 2 thousand people (including 1300 academic staff and over 1000 post-graduate). The university has a modern Centre for Mechatronics, Biomechanics and Nanomechanics.
 Read More
PUT: <https://remodel-project.eu/partners/put>

ELVEZ

 ELVEZ s.p.a. (SME), is the manufacturer of specialized products for automotive industry, electrical and mechanical engineering, and valve goods manufacturers. The excellence of their products and services, continual improvement and development of know-how, as well as good relations with all stakeholders are the backbone.
 Read More
ELVEZ: <https://remodel-project.eu/partners/elvez>

VW

 Volkswagen Poznań is a utility vehicle and components plant. The VW Caddy and VW Transporter have been produced in Poznań for more than 15 years. From there, the vehicles are distributed to markets throughout the world. Volkswagen Poznań is currently the largest employer in Greater Poland and one of the largest in the country. The company employs over 11,000 employees. In October 2018 a new plant for the Crafter in Sierpców next to Intrafer was opened. In Poznań's Wilda a foundry operates and supplies high quality aluminum components to many Volkswagen AG plants throughout the world. Last year employees of the company produced nearly 240,000 vehicles and 4.3 million casts. These are record achievements in the 25 years history of the enterprise.
 Read More
VWP: <https://remodel-project.eu/partners/vwp>

ENKI

 ENKI was born in 2002 as an OEM engineering, designing and prototyping company specialized in medical devices ranging from class 1 to class 3 thanks to its skills in microblow extrusion carried out in clean room.
 Over the years it has developed and enlarged enhancing the capability and flexibility in extrusion and adding the skills in micro-components moulding, the braided tubes manufacturing and the forming of balloons for dipping a biocompatible.
 Read More
ENKI: <https://www.enki-microtu.com>

Figure 4. REMODEL Public Web Portal – Partners

3.6 Documents & Publications

<https://remodel-project.eu/content/documents-publications>

This section will be used to publicize the public deliverables as well as posters, videos, papers and newsletters.

- Home
- Objectives
- Project Structure
- Partners
- **Documents & Publications**
 - Public Deliverables in REMODEL
 - Public Information from REMODEL
- Blog
- Contact Us

Documents & Publications

Public Deliverables in REMODEL →

Public Information from REMODEL

↓

Posters
Videos
Papers

Public Deliverables in REMODEL

All public deliverables will be included in this section. These will be available one month after its deadline

January 2020 (M3)

- D8.1 Project website, Websites, patents filing, press & media actions, videos, etc

April 2020 (M6)

- D6.3 Dissemination and communication plan, Websites, patents filing, press & media actions, videos, etc
- D6.4 Report on the dissemination activities and materials, Websites, patents filing, press & media actions, videos, etc
- D6.5 Initial data management plan, Websites, patents filing, press & media actions, videos, etc
- D6.8 Preliminary exploitation plan, Document, report

July 2020 (M9)

- D2.4 Risk assessments, safety requirements and measures, Document, report

October 2020 (M12)

- D5.1 Planner architecture
- D6.2 Stakeholder analysis and mapping

February 2021 (M16)

- D2.5.1 Assessments of system performance
- D5.2 Cable grasping

April 2021 (M18)

- D6.6 Intermediate data management plan, Websites, patents filing, press & media actions, videos, etc

June 2021 (M20)

- D4.2 3D dynamic environment reconstruction, Demonstrator
- D6.5 Robotic platform, Document, report
- D6.9 Intermediate exploitation plan, Document, report

October 2021 (M24)

- D5.3 Bimanual cable manipulation, Demonstrator
- D6.1 Robotic platform, Document, report
- D6.9 Intermediate exploitation plan, Document, report

January 2022 (M27)

- D6.4 Cable routing tool, Document, report

April 2022 (M30)

- D4.5 Cable real-time tracking, Demonstrator

June 2022 (M32)

- D2.5.2 Assessments of system performance, Document, report
- D2.6.1 Report on the robot safety tests, Demonstrator

October 2022 (M36)

- D5.4 Wiring harness manipulation, Demonstrator
- D6.7 Final data management plan, Websites, patents filing, press & media actions, videos, etc

February 2023 (M40)

- D3.1 CAD platform interface, Document, report
- D4.4 Component detection, Demonstrator

June 2023 (M44)

- D3.2 User interface, Demonstrator

August 2023 (M46)

- D5.5 Interactive perception, Document, report

September 2023 (M47)

- D3.3 Skill-based teaching by demonstration, Demonstrator

October 2023 (M48)

- D2.5.3 Assessments of system performance, Document, report
- D2.6.2 Report on the robot safety tests, Demonstrator
- D7.1 Switchgear cabling use case, Demonstrator
- D7.2 Wiring harness manufacturing use case, Demonstrator
- D7.3 Wiring harness assembly use case, Demonstrator
- D7.4 Hose packaging use case, Demonstrator
- D6.10 Final exploitation plan, Document, report
- D6.11 Commissioning strategy, Document, report
- D6.12 Training protocol, Document, report

Figure 5. REMODEL Public Web Portal – Documents & Publications

3.7 Blog

<https://remodel-project.eu/news>

This section will be updated each month with a new post. Each partner will write a post a year and it will be published in this section

- › Home
- › Objectives
- › Project Structure
- › Partners
- › Documents & Publications
- › **Blog**
- › Events
- › Contact Us

Tweets by @REMODEL_H2020

REMODEL
@REMODEL_H2020

The official launching of the Project was done in Bologna. Don't miss our first #REMODELpost!! #Robotic #ResearchImpactEU remodel-project.eu/news/kick-meet...

Embed View on Twitter

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 870133



KICK-OFF MEETING IN BOLOGNA (UNIVERSITY OF BOLOGNA)

Submitted by root on 2019, December 4 - 06:54

REMODEL kick-off meeting was organized by UNIBO in Bologna, from the 19th to 20th of November 2019.

The official launching of the Project was a good opportunity to unify the vision of all partners about REMODEL.

In addition to the overall presentation of the project, the technical work packages were also presented, explaining the tasks and contribution of each partner in each of them, as well as the definition of the necessary activities for the first six months of development.

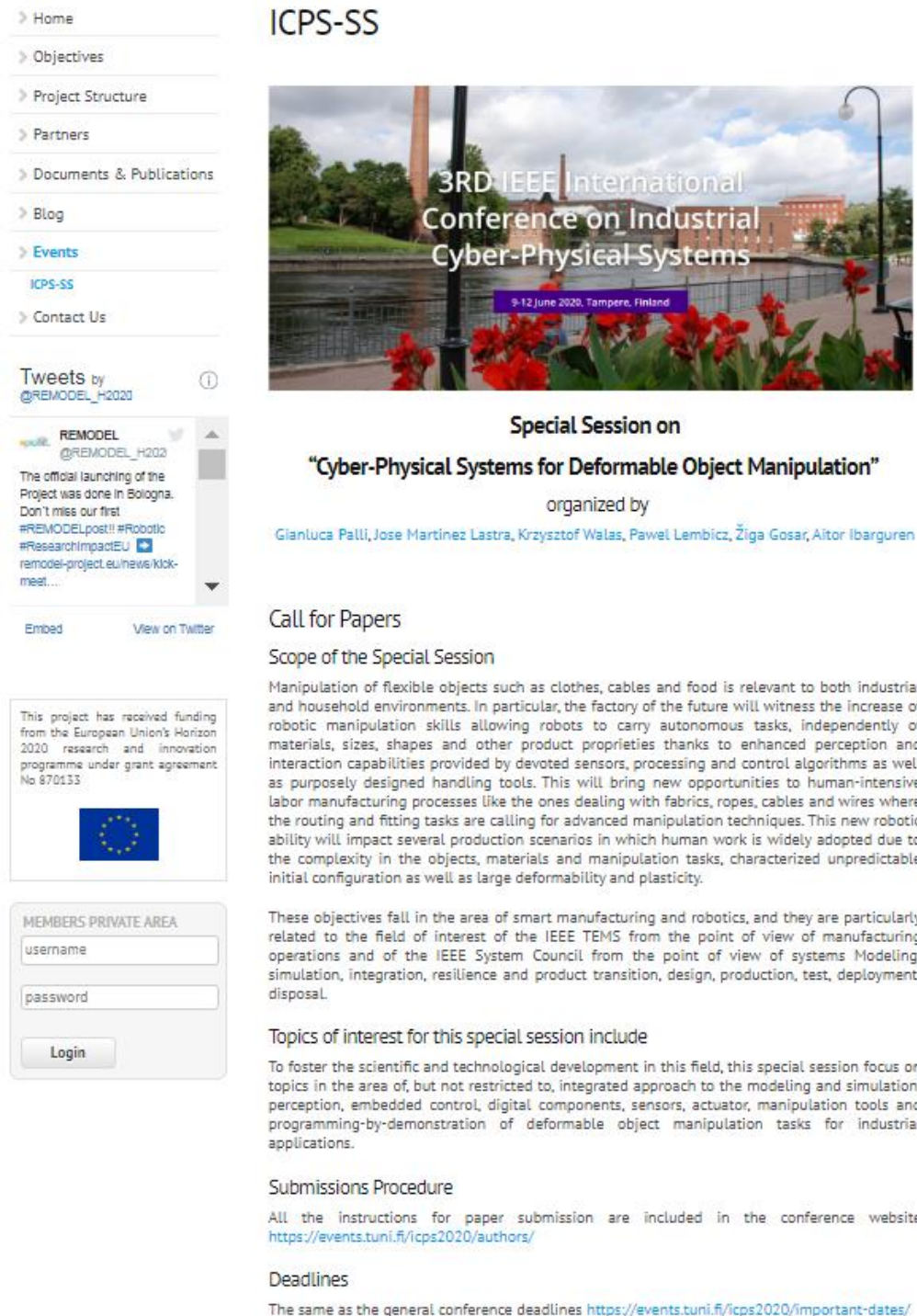


Figure 6. REMODEL Public Web Portal – Blog – Kickoff Meeting

3.8 Events

<https://remodel-project.eu/content/events>

This section will include events organized by REMODEL consortium. Currently, an event have been publish: ICPS-SS. The REMODEL Consortium will organize a Special Session on “Cyber-Physical Systems for Deformable Object Manipulation” at the 3rd IEEE International Conference on Industrial Cyber-Physical Systems (ICPS) that will be held in Tampere, Finland, on 9-12 June 2020



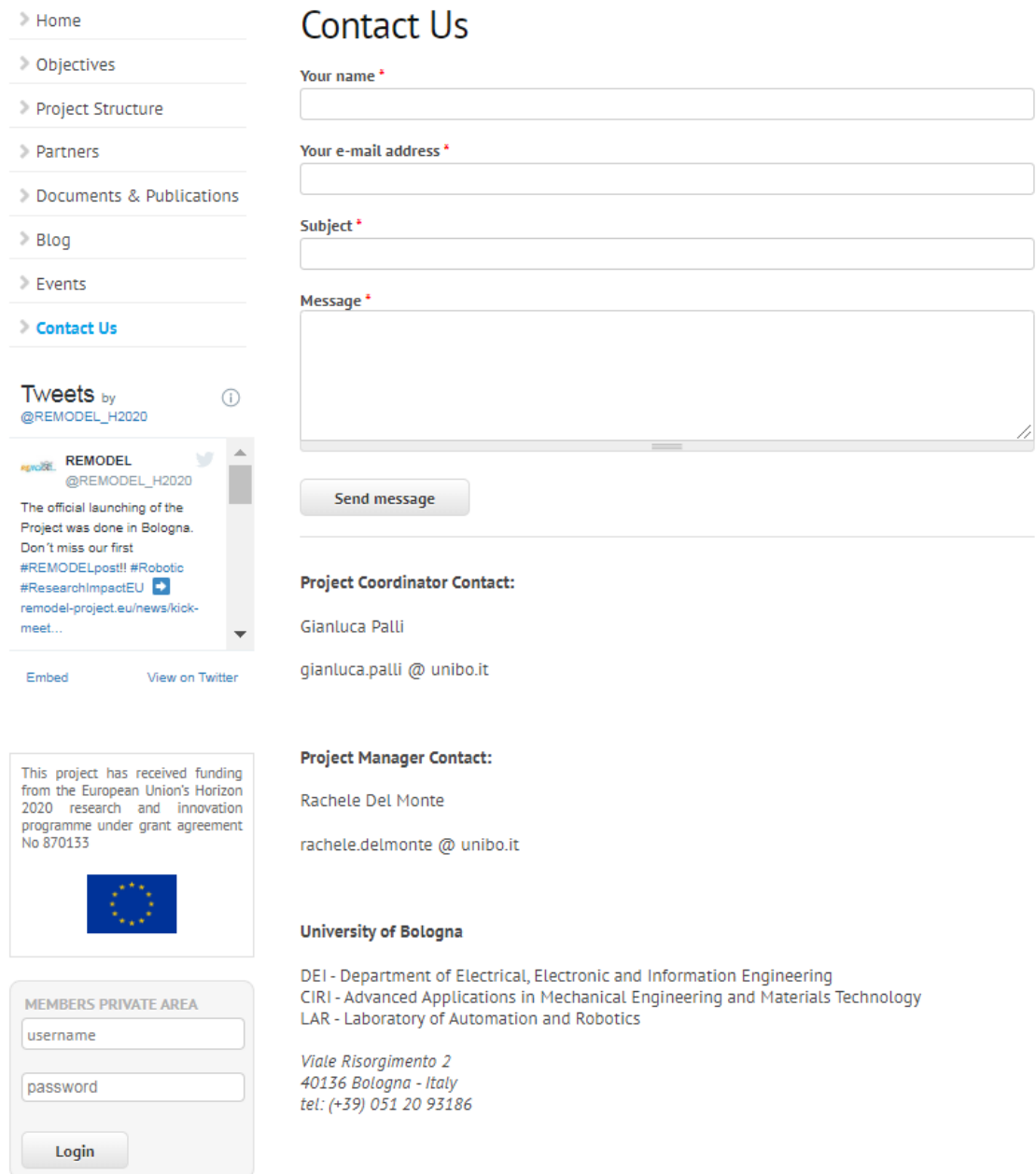
The screenshot shows the REMODEL Public Web Portal interface. On the left is a navigation menu with links: Home, Objectives, Project Structure, Partners, Documents & Publications, Blog, Events (highlighted), ICPS-SS, and Contact Us. Below the menu is a Twitter feed showing a tweet from @REMODEL_H2020 about the project's official launch in Bologna. Further down is a funding notice from the European Union's Horizon 2020 programme, accompanied by the EU flag. At the bottom left is a 'MEMBERS PRIVATE AREA' login form with fields for 'username' and 'password', and a 'Login' button. The main content area features a large banner for the '3RD IEEE International Conference on Industrial Cyber-Physical Systems' held in Tampere, Finland, from June 9-12, 2020. Below the banner is the title of the 'Special Session on “Cyber-Physical Systems for Deformable Object Manipulation”' organized by Gianluca Palli, Jose Martinez Lastra, Krzysztof Walas, Pawel Lembicz, Ziga Gosar, and Aitor Ibarburen. The page includes sections for 'Call for Papers', 'Scope of the Special Session' (discussing flexible objects and robotic manipulation), 'Topics of interest for this special session include' (listing scientific and technological development areas), 'Submissions Procedure' (providing a link to the conference website), and 'Deadlines' (providing a link to important dates).

Figure 7. REMODEL Public Web Portal – Events – ICPS-SS

3.9 Contact us

<https://remodel-project.eu/contact>

This section includes a direct message interface and the contact information of the contact coordinator:



The screenshot shows the 'Contact Us' page of the REMODEL Public Web Portal. On the left, there is a navigation menu with links to Home, Objectives, Project Structure, Partners, Documents & Publications, Blog, Events, and Contact Us (highlighted). Below the menu is a 'Tweets by @REMODEL_H2020' section featuring a tweet from REMODEL (@REMODEL_H2020) about the project's official launching in Bologna. Below the tweet is an 'Embed' button and a 'View on Twitter' link. Further down is a box with text stating that the project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 870133, accompanied by the European Union flag logo. At the bottom left is a 'MEMBERS PRIVATE AREA' login form with fields for 'username' and 'password', and a 'Login' button.

The main content area is titled 'Contact Us' and contains a form with the following fields:

- Your name *
- Your e-mail address *
- Subject *
- Message *

Below the form is a 'Send message' button. Underneath the form, the 'Project Coordinator Contact:' information is listed:

Project Coordinator Contact:
Gianluca Palli
gianluca.palli @ unibo.it

The 'Project Manager Contact:' information is listed below:

Project Manager Contact:
Rachele Del Monte
rachele.delmonte @ unibo.it

The 'University of Bologna' contact information is listed at the bottom:

University of Bologna
DEI - Department of Electrical, Electronic and Information Engineering
CIRI - Advanced Applications in Mechanical Engineering and Materials Technology
LAR - Laboratory of Automation and Robotics

Viale Risorgimento 2
40136 Bologna - Italy
tel: (+39) 051 20 93186

Figure 8. REMODEL Public Web Portal – Contact us

3.10 Private Area

This website also has a private area. This section will be used to load the final deliverables of the project.

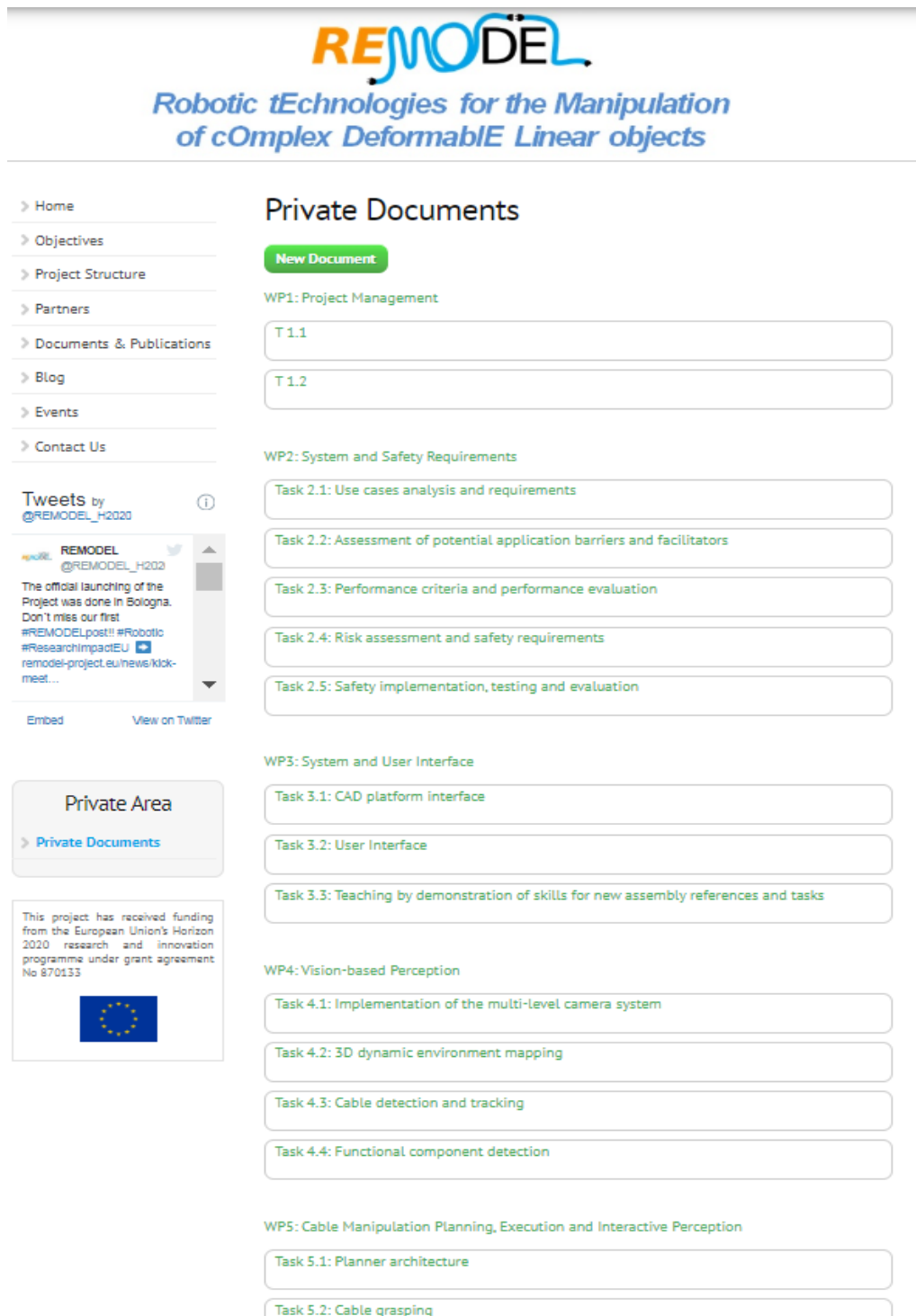


Figure 9. REMODEL Public Web Portal – Private Area

Intranet will also be used to maintain centralized all the activity on the project and control the progress of REMODEL. In the next section will be explained the followed template and the current contents.

4 Description of intranet (internal web)

This section presents the intranet designed for REMODEL partners interaction

4.1 Alfresco community

The support for the internal web page will be provided by Alfresco Community (<https://www.alfresco.com/products/enterprise-content-management/community>).

Alfresco Community Edition is an innovative, open source Enterprise Content Management platform intended for use in non-critical environments. Distributed under the LGPLv3 license, it is free to download and best suited for developers and technical enthusiasts who are willing to self-support. It allows organizations to manage any type of content, from office documents to scanned images and engineering drawings. It is widely used, providing a robust content management platform with a CMIS compliant repository. Users can collaborate on content wherever and however they work.

4.2 Location

<http://intranet.remodel-project.eu/>

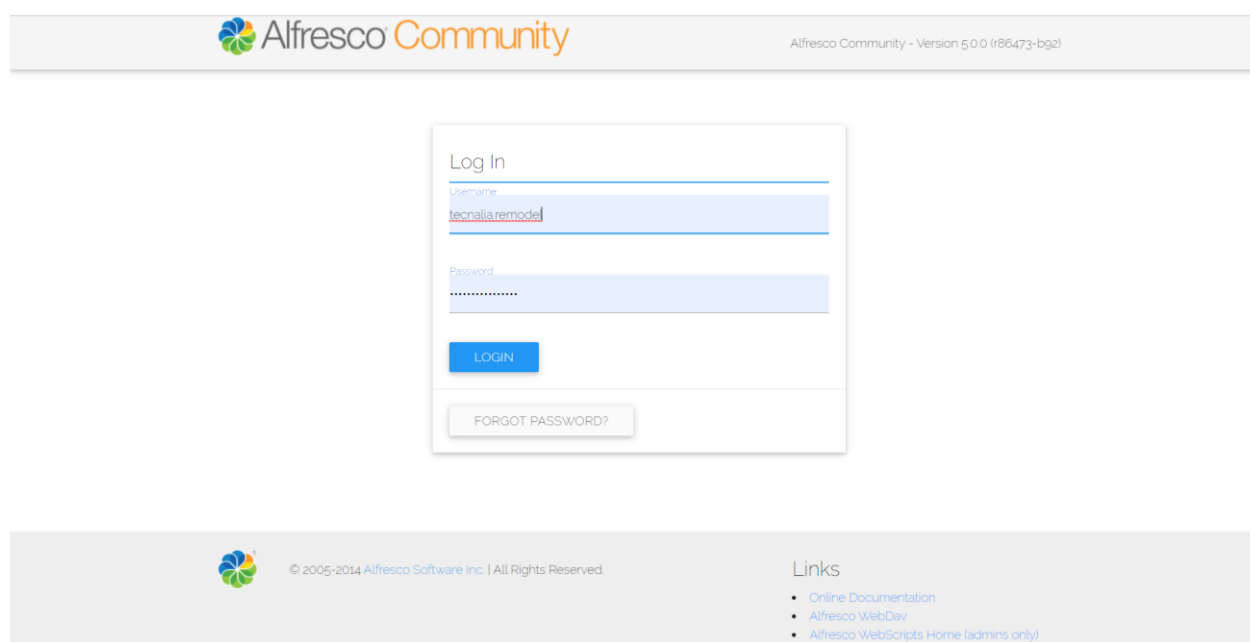


Figure 10. REMODEL Intranet – User and Password identification

Each partner has one account which will be used by different users.

The intranet will be maintained for the consortium use during 5 years (four years for the project duration plus one for dissemination and further contact activities).

4.3 Structure

Alfresco allows creating folders to organize the project to get the best way to work

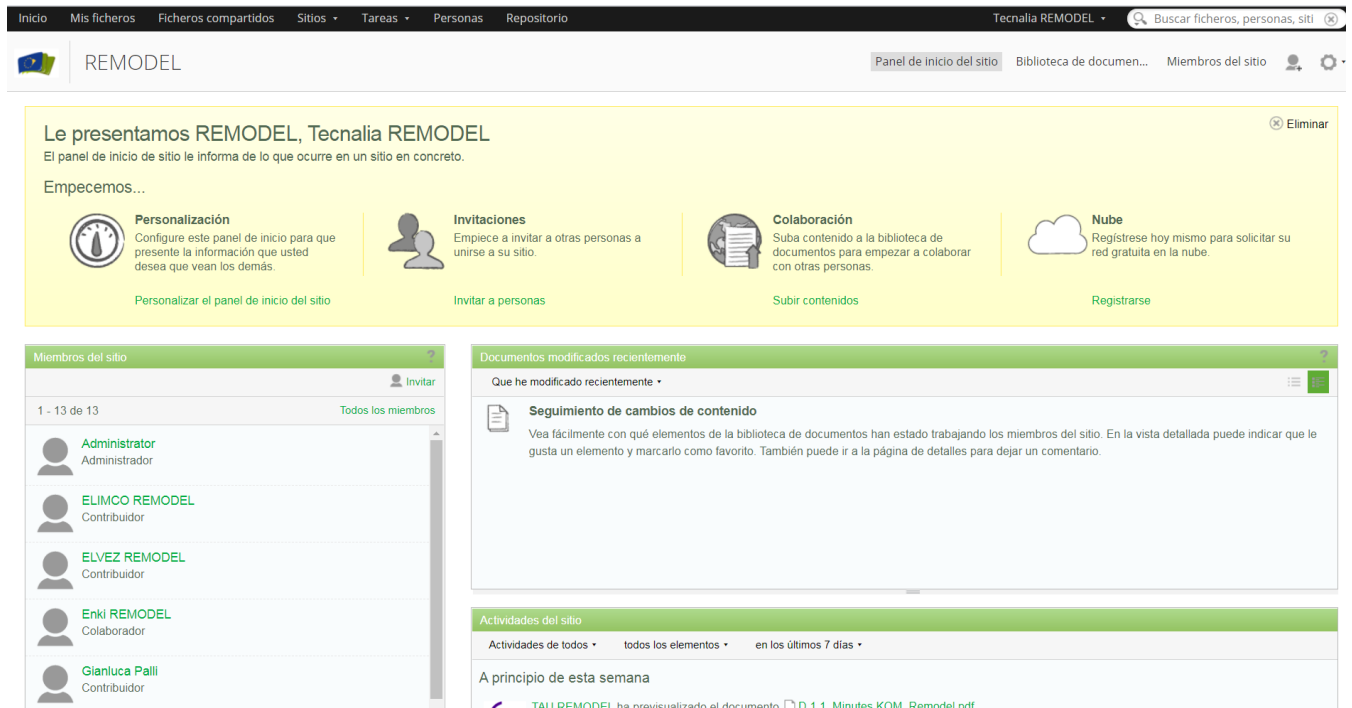


Figure 11. REMODEL Intranet – Welcome screen

Currently, the project is organized into 11 folders: one per WP, one folder for meetings and one for templates. At the same time, each folder has subfolders in order to locate the information easily.

The screenshot displays the REMODEL Intranet interface. On the left, a sidebar contains navigation sections: **Documentos** (Todos los documentos, Que estoy editando, Que otros están editando, Modificados recientemente, Añadidos recientemente, Mis Favoritos), **Biblioteca** (Documents, Meetings, KickOff Bolonia Nov 2019, Templates, WP1 - Project Management, WP2 - System and Safety Requirements, Deliverables, Minutes, T2.1 - Use case analysis and..., T2.2 - Assessment of potent..., T2.3 - Performance criteria..., T2.4 - Risk assessment and..., T2.5 - Safety implementation..., WP3 - System and User Interface, WP4 - Vision-based Perception, WP5 - Cable Manipulation Plan, WP6 - Sensory Systems and M..., WP7 - Development and Evalu..., WP8 - Communication, Disserr..., WP9 - Ethical issues), **Categorías** (Raíz de categorías), and **Etiquetas**.

The main content area, titled 'Documentos', lists several folders:

- Meetings**: Modified approximately one month ago by Tecnalia REMODEL. No description, no tags. Includes 'Favorito', 'Me gusta 0', and 'Comentario' options.
- Templates** (Templates' folder): Modified approximately one month ago by Gianluca Palli. Description: 'A folder to collect all the project templates'. No tags. Includes 'Favorito', 'Me gusta 0', and 'Comentario' options.
- WP1 - Project Management**: Modified 23 days ago by Gianluca Palli. Description: 'WP1 - Project Management'. No tags. Includes 'Favorito', 'Me gusta 0', and 'Comentario' options. A right-side menu offers 'Descargar como zip', 'Ver los detalles', 'Editar propiedades', and 'Más...'.
- WP2 - System and Safety Requirements**: Modified approximately one month ago by Tecnalia REMODEL. Description: 'WP2 - System and Safety Requirements'. No tags. Includes 'Favorito', 'Me gusta 0', and 'Comentario' options.
- WP3 - System and User Interface**: Created 2 months ago by Maite Ortiz de Zarate. Description: 'WP3 - System and User Interface'. No tags. Includes 'Favorito', 'Me gusta 0', and 'Comentario' options.
- WP4 - Vision-based Perception**: Created 2 months ago by Maite Ortiz de Zarate. Description: 'WP4 - Vision-based Perception'. No tags. Includes 'Favorito', 'Me gusta 0', and 'Comentario' options.

Figure 12. REMODEL Intranet – Structure