Project Website

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www.confess-h2020.eu

Co-ordinated by ECMWF

D4.2 Project Website

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CONFESS

Consistent representation of temporal variations of boundary forcings in reanalyses and seasonal forecasts

Research and Innovation Action (RIA)
H2020- LC-SPACE-18-EO-2020 Copernicus evolution: Research activities in support of the evolution of the Copernicus services - Copernicus Climate Change Service (C3S

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1 Executive Summary

The project website will be a major dissemination instrument. As such, the website will be an important tool for maintaining the coherence of the full project and for promoting its progress across the many stakeholders, as well as providing a project interface to the wider public.

The CONFESS project website can be accessed via www.confess-h2020.eu. It is the main dissemination tool for the project and provides project-external sections. It is to be updated regularly, both throughout the lifetime of the project and thereafter. It contains information on the project, news, results (including public deliverables), data sets, amongst others.

2 Introduction

2.1 Background

A climate resilient society requires reliable monitoring and forecasting information of the climate trends, patterns and disturbances, both at global and regional scales. Through consistent representation of temporal variations of boundary forcings in reanalyses and Seasonal forecasts, CONFESS will contribute to the emerging societal need for an enhanced Copernicus Climate Change Service (C3S) that can support adaptation and mitigation strategies facing increased frequency and intensity of climate extremes.

The aim of CONFESS is to improve the reliability and usability of C3S information in the land-atmosphere coupled system by exploiting new and improved Earth Observations data records of land-use, vegetation states and surface-emitted aerosols delivered across different Copernicus Services. CONFESS developments will be integrated consistently for use in future C3S systems, enhancing the service's accuracy by representing annual changes of land use, and adding satellite-derived and prognostic vegetation states along with aerosols emissions due to hazardous/extreme events such as volcanic eruptions and large-scale biomass burning (e.g. wildfires).

The added capacity to represent temporal variations and trends of these variables and the occurrence of hazardous/ extreme events will be supported by a rapid uptake of new Earth Observations. The impact on the Earth system will be evaluated by assessing the quality of global reanalysis as well as seasonal forecasts using state-of-the-art modelling systems.

The infrastructure and knowledge developed within CONFESS will contribute to improve the C3S capabilities for reliable monitoring and forecasting with particular focus on extremes.

2.2 Scope of this deliverable

2.2.1 Objectives of this deliverable

D4.2 describes the CONFESS Project website as well as the project-internal software collaboration platform.

2.2.2 Work performed in this deliverable

The website www.confess-h2020.eu was implemented. The internal software collaboration platform was setup using the Atlassian tools Jira, Confluence and Bitbucket.

2.2.3 Deviations and counter measures

No deviations have been encountered.

3 The CONFESS project website

The project website will be a major dissemination instrument for the CONFESS Project. As such, the website will be an important tool for maintaining the coherence of the full project and for promoting its progress across the many stakeholders, as well as providing a project interface to the wider public.

The CONFESS project website can be accessed via www.confess-h2020.eu. It is the main dissemination tool for the project and provides project-external sections.

The website structure is as follows:

- Home
  - About CONFESS
    - Objectives
      - Variations in Land Cover
      - Variations in Vegetation
      - Closing the Gap
      - Consistent temporal treatment
      - Respond to volcanic eruptions
      - Respond to biomass burning
    - Concepts
      - Observations
      - Implementation
      - Impact
    - Structure
      - WP1
      - WP2
      - WP3
    - Partners
      - ECMWF
      - MF-CNRM
      - BSC
      - CNR-ISAC
    - Team

|- Team members pages…

|- News

|- Results

|- Highlights

|- Deliverables

|- Publications

|- Presentations

|- Data sets

|- Contact

All pages and posts allow sharing via social media networks such as Facebook, Twitter, and LinkedIn. The main menu is present on all pages and posts in the top right corner, allowing for consistent navigation. A bread crumb feature allows for identifying the current location of the visitor when away from the home page. The footer contains funding acknowledgment as well as privacy notice and credits.

In the following we will present illustrations of the various project website sections.

3.1 Home page

The Home Page is the starting point for the project website.

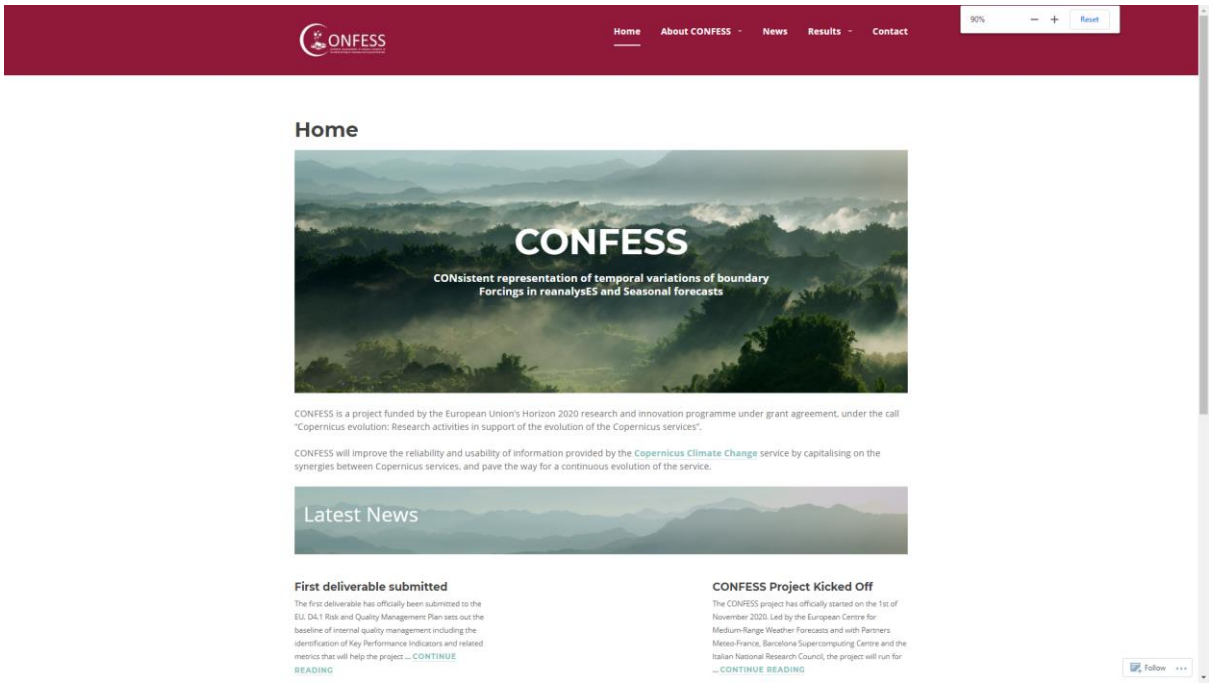

Figure 1: CONFESS Home Page

It provides a summary of latest news items and results highlights.

3.2 About CONFESS

The “About CONFESS” section provides information on the project, and has the subsections “Objectives”, “Concepts”, “Structure”, “Partners” and “Team”.

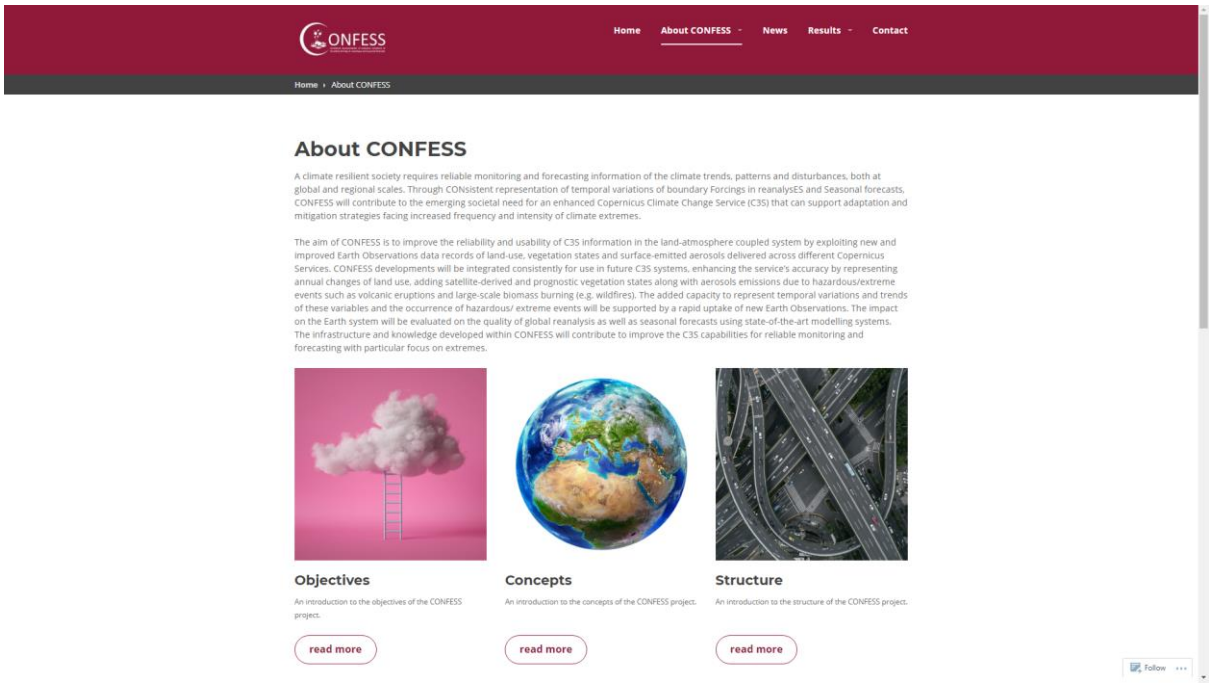

Figure 2: About CONFESS page

3.2.1 Objectives

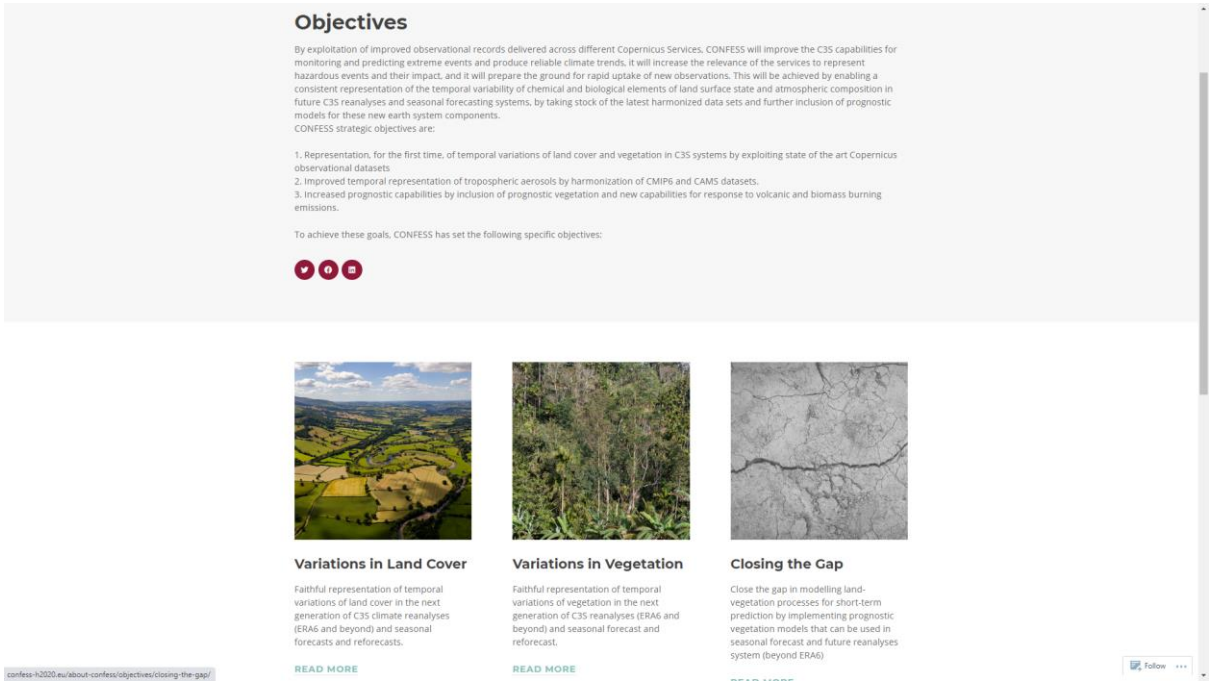

Figure 3: Objectives page

The “Objectives” page provides an introduction to the global objectives, and provides links to sub-pages on the specific objectives of the CONFESS project.

3.2.2 Concepts

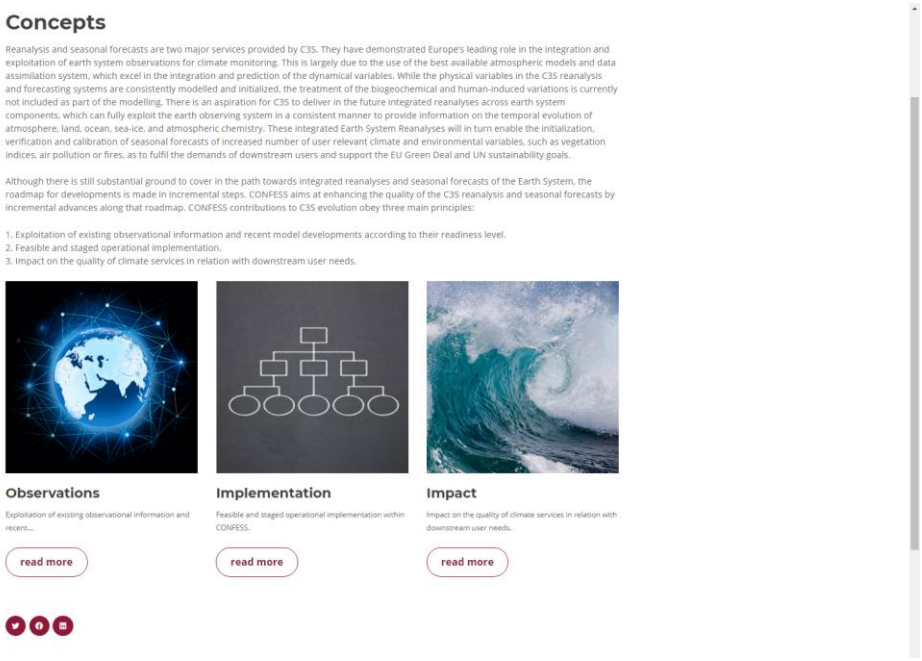

Figure 4: Concepts page

The “Concepts” page provides an introduction and links to sub-pages on the CONFESS concepts.

3.2.3 Structure

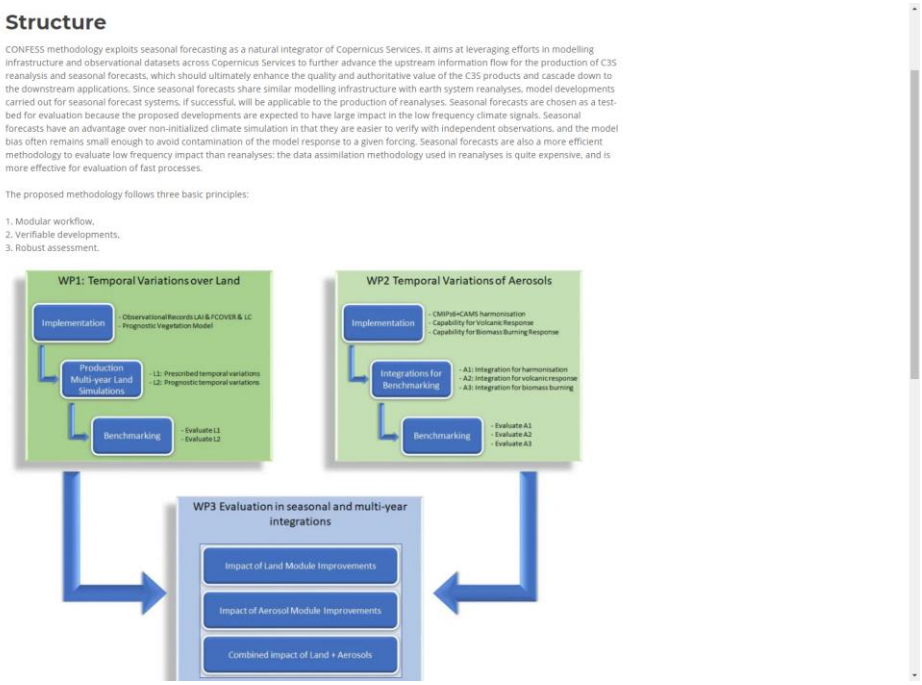

Figure 5: Structure page

The “Structure” page provides and introduction to the project structure and links to sub-pages explaining the CONFESS work packages.

3.2.4 Partners

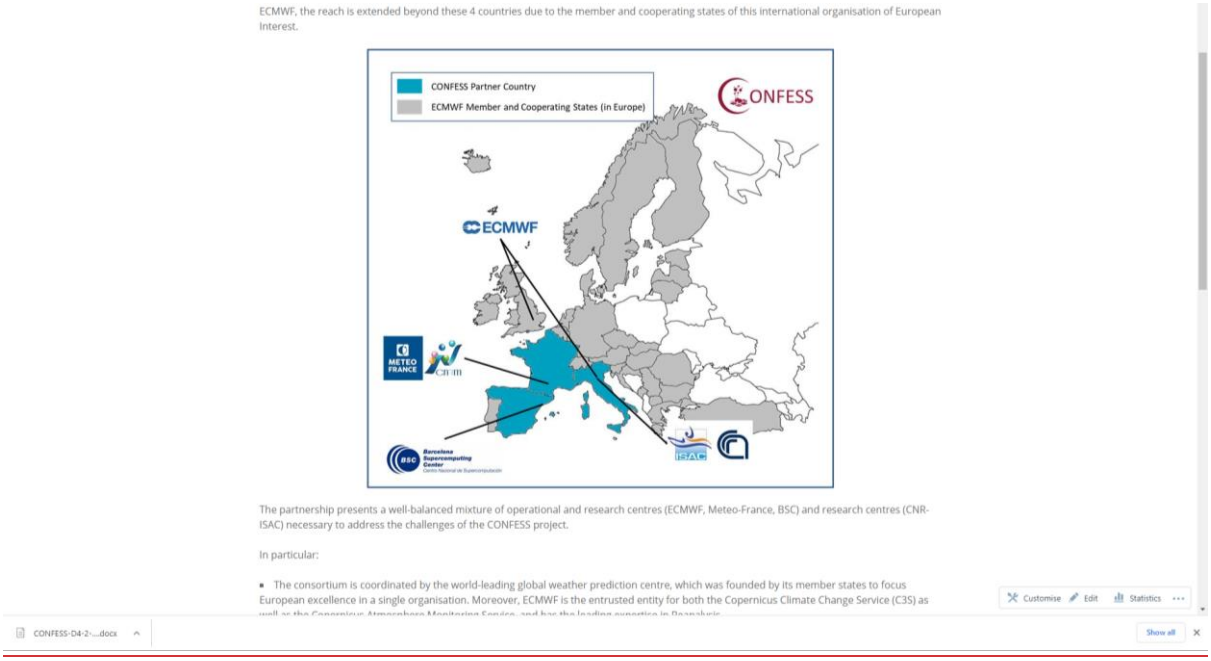

Figure 6: Partners page

The “Partners” page introduces the consortium and provides links to sub-pages for each partner organisation.

3.2.5 Team

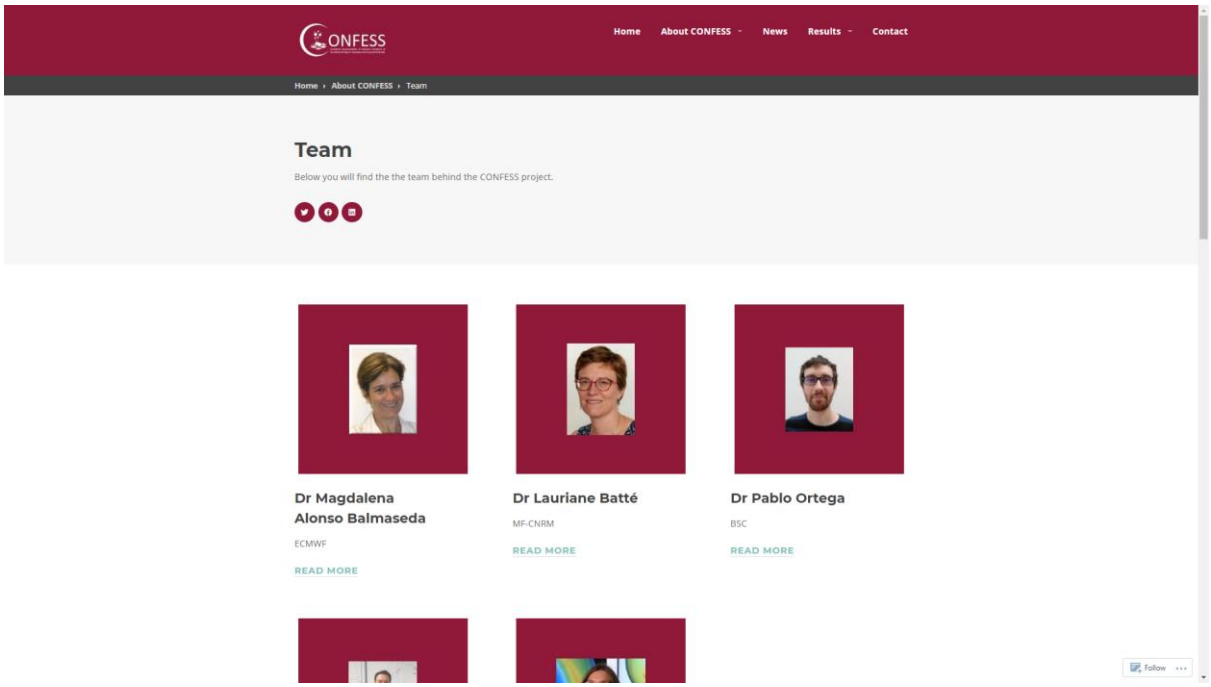

Figure 7: Team page

The team pages provides links to sub-pages for the team members behind the CONFESS project.

3.3 News

News items are featured on the front page and call also be accessed via the “News” section, which is maintained as a blog format.

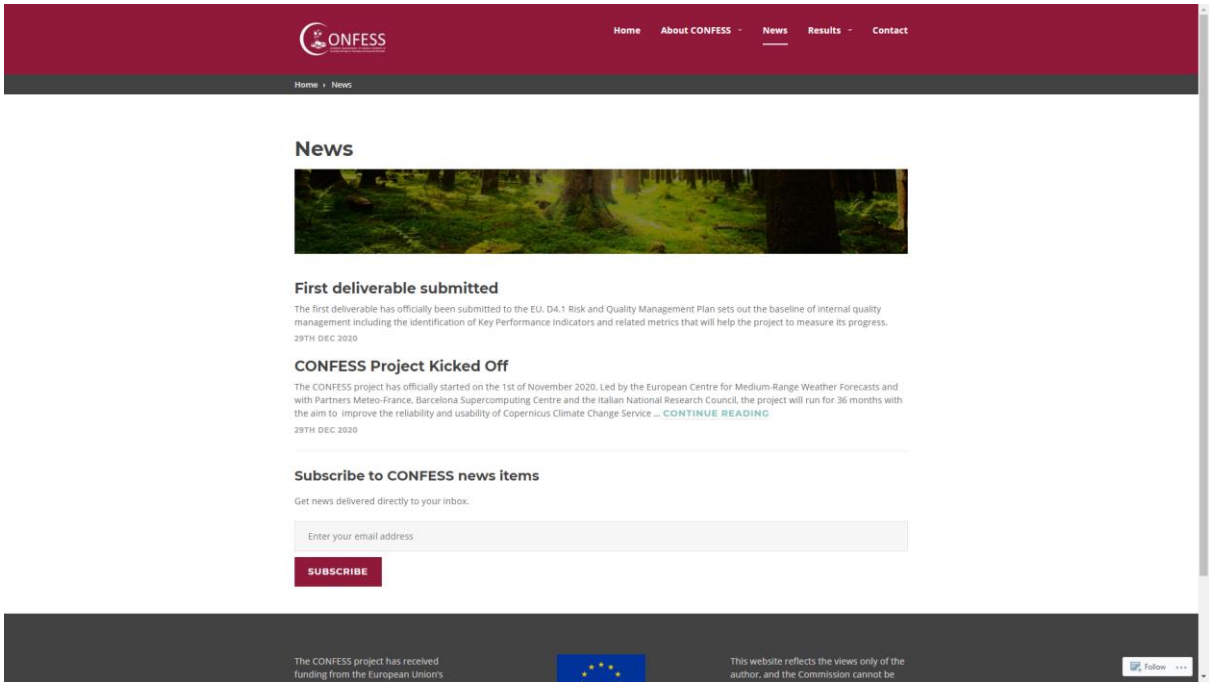

Figure 8: News page

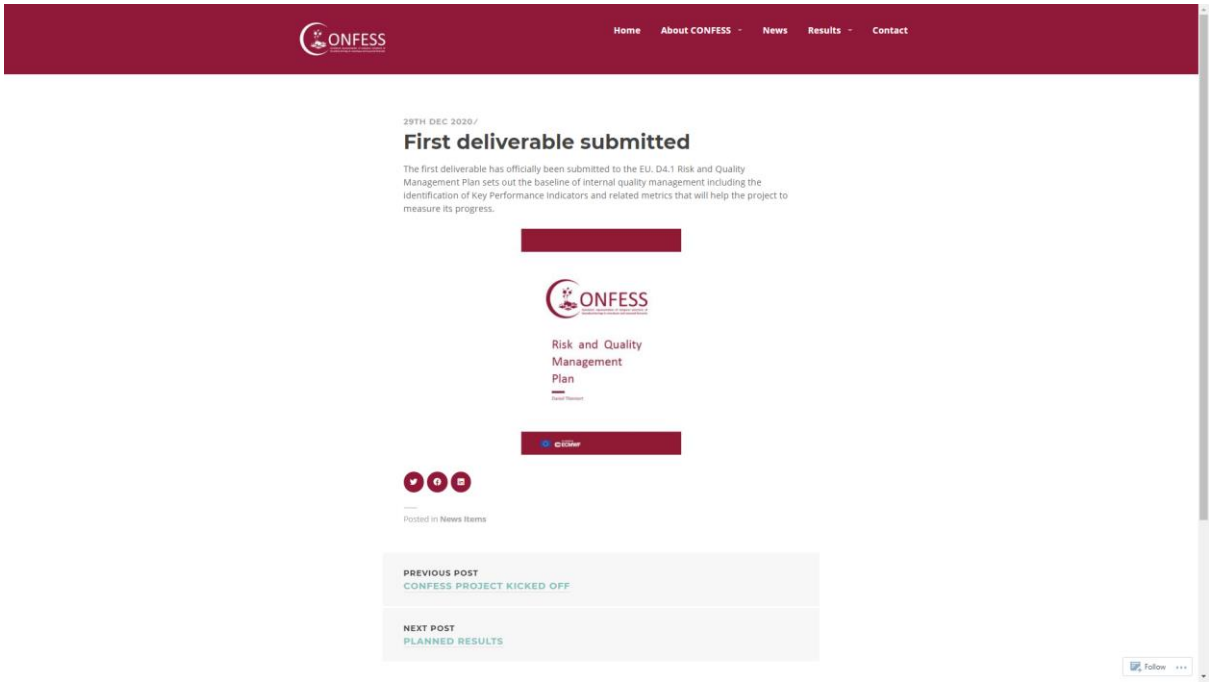

Figure 9: Specific news item

3.4 Results

The “Results” page provides the links to its subsections, providing the outputs of the CONFESS project.

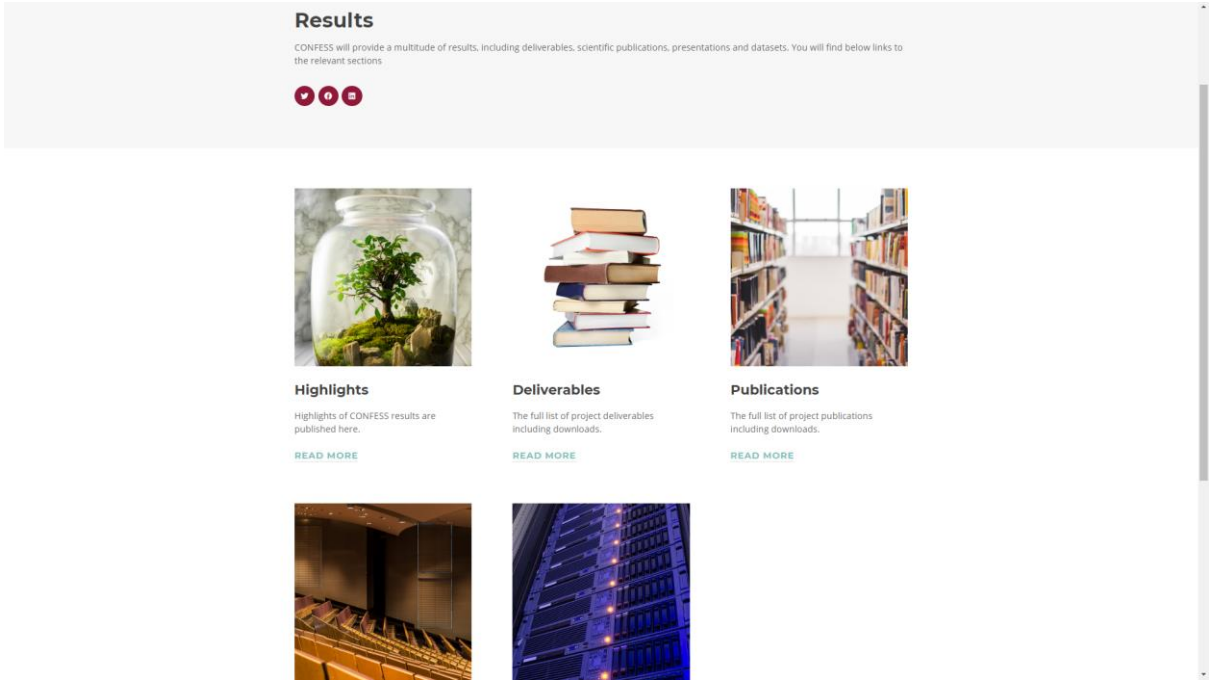

Figure 10: Results page

3.4.1 Highlights

The highlights page is maintained as a blog, providing regular updates on the progress of the project, which will also be featured on the home page.

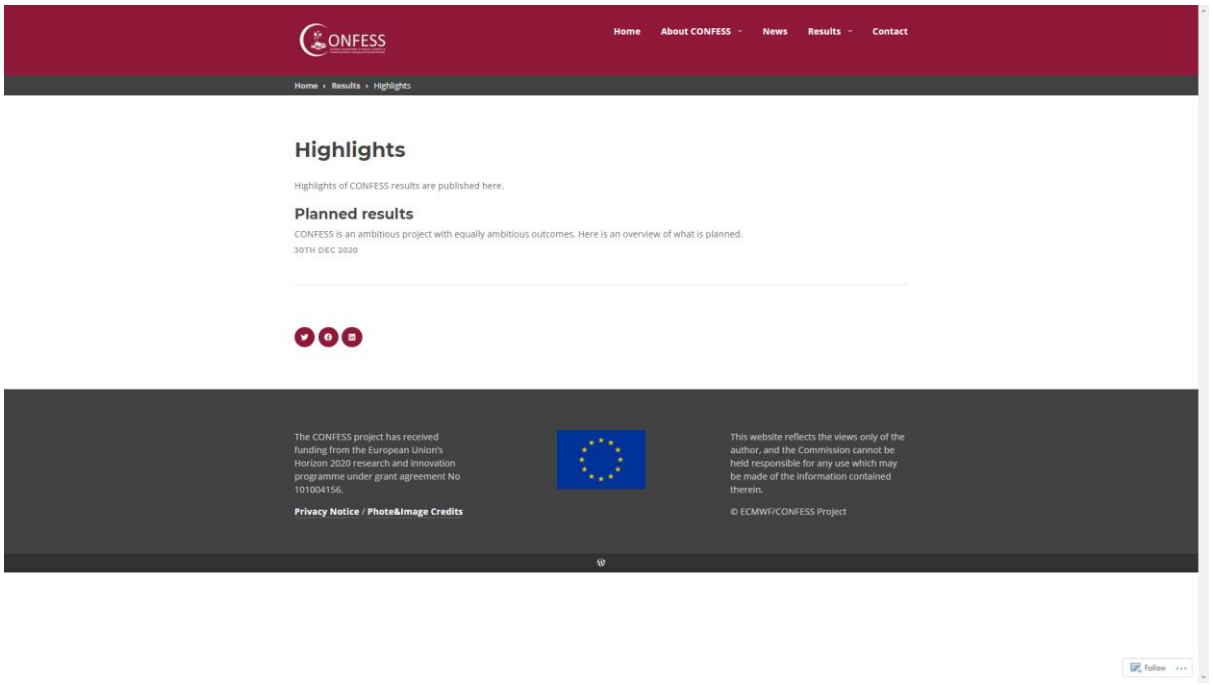

Figure 11: Highlights page

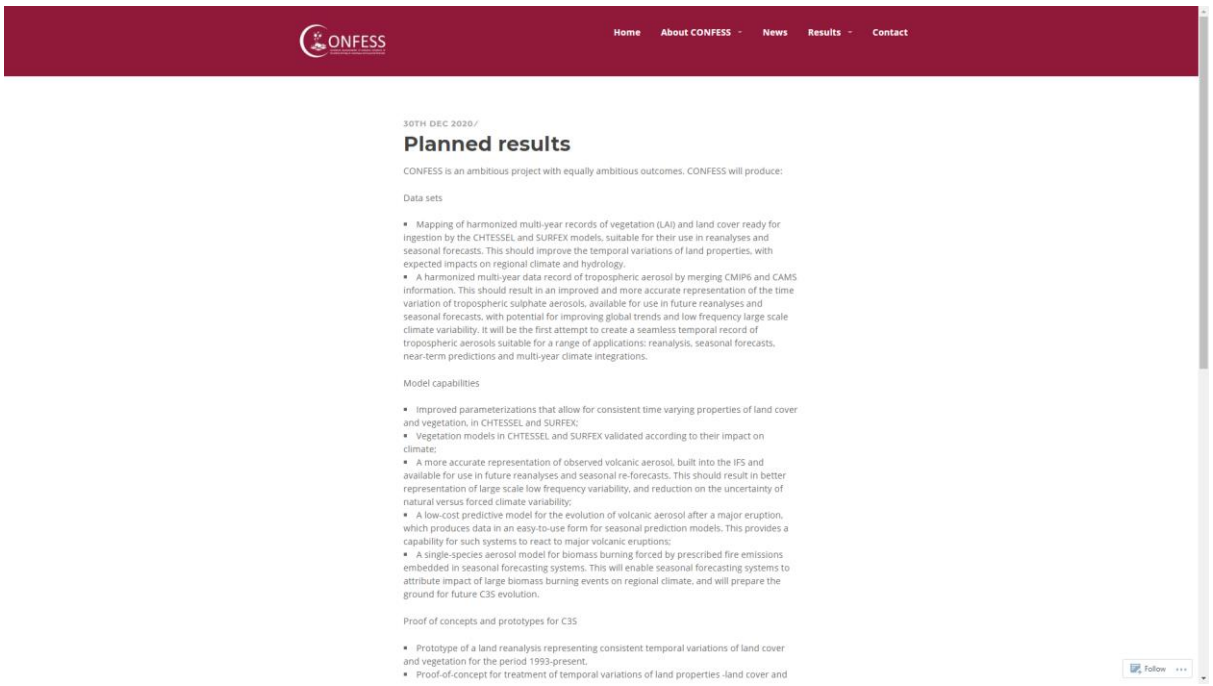

Figure 12: Specific highlights item

3.4.2 Deliverables

The “Deliverables” page provides a list of deliverables, and will provide downloads to those deliverables that are designated as public once they have been submitted to the EC.

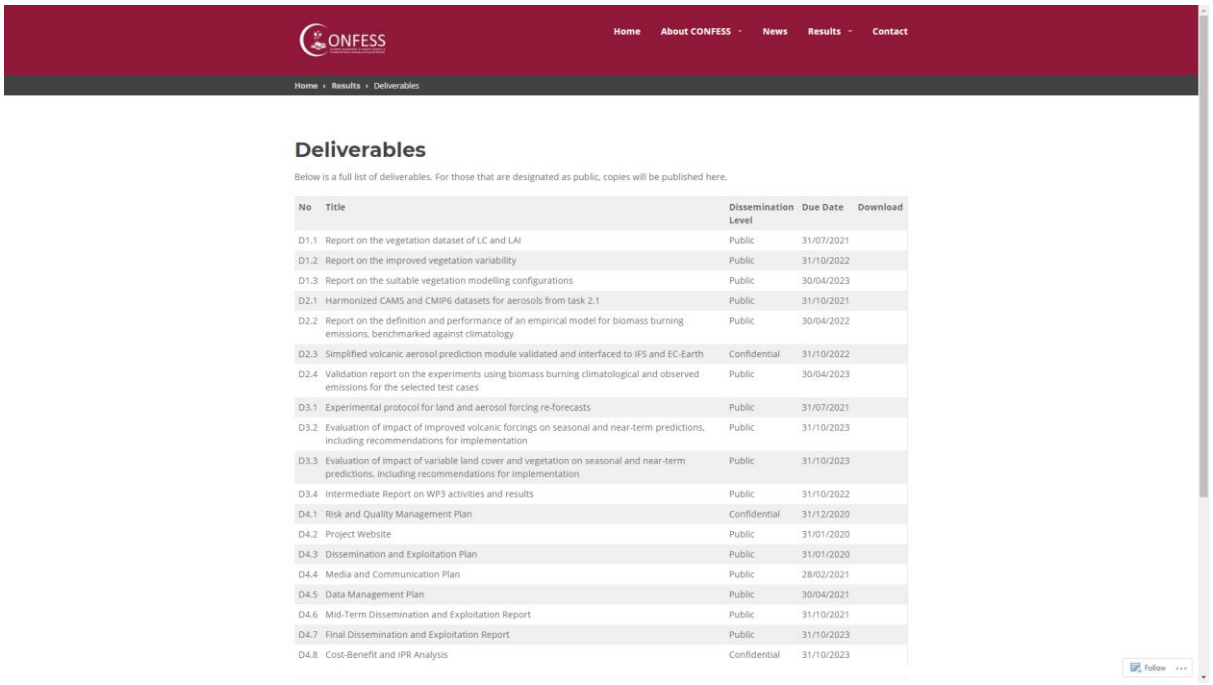

Figure 13: Deliverables page

3.4.3 Publications

The “Publications” page will contain the list of publications together with links to the publications themselves.

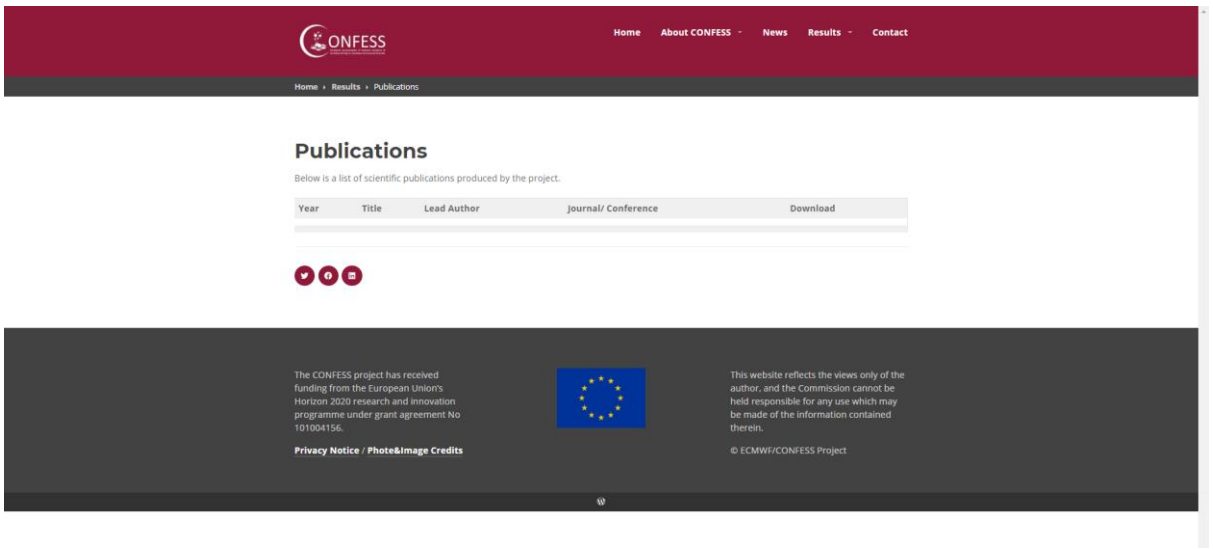

Figure 14: Publications page

3.4.4 Presentations

The “Presentations” page will contain a list of presentations given by CONFESS partners at conferences and workshop, which can also be downloaded.

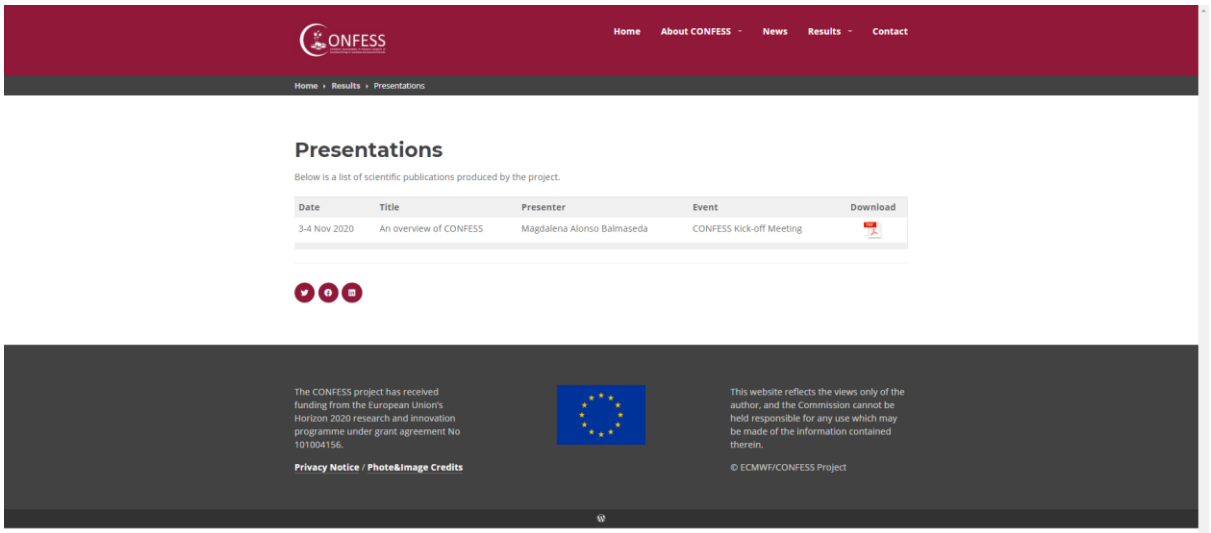

Figure 15: Presentations page

3.4.5 Data sets

The “Data sets” page will contain the list of data sets created by CONFESS, together with links to their repositories.

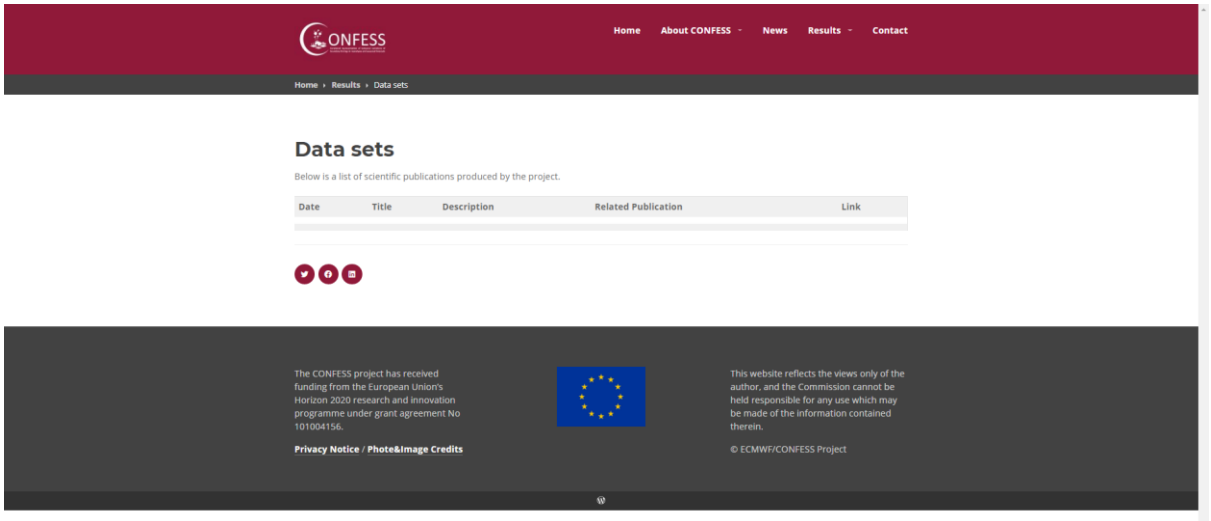

Figure 16: Data sets page

3.5 Contact

The “Contact” page contains an easy-to-use contact form which visitors can use to send messages to the consortium.

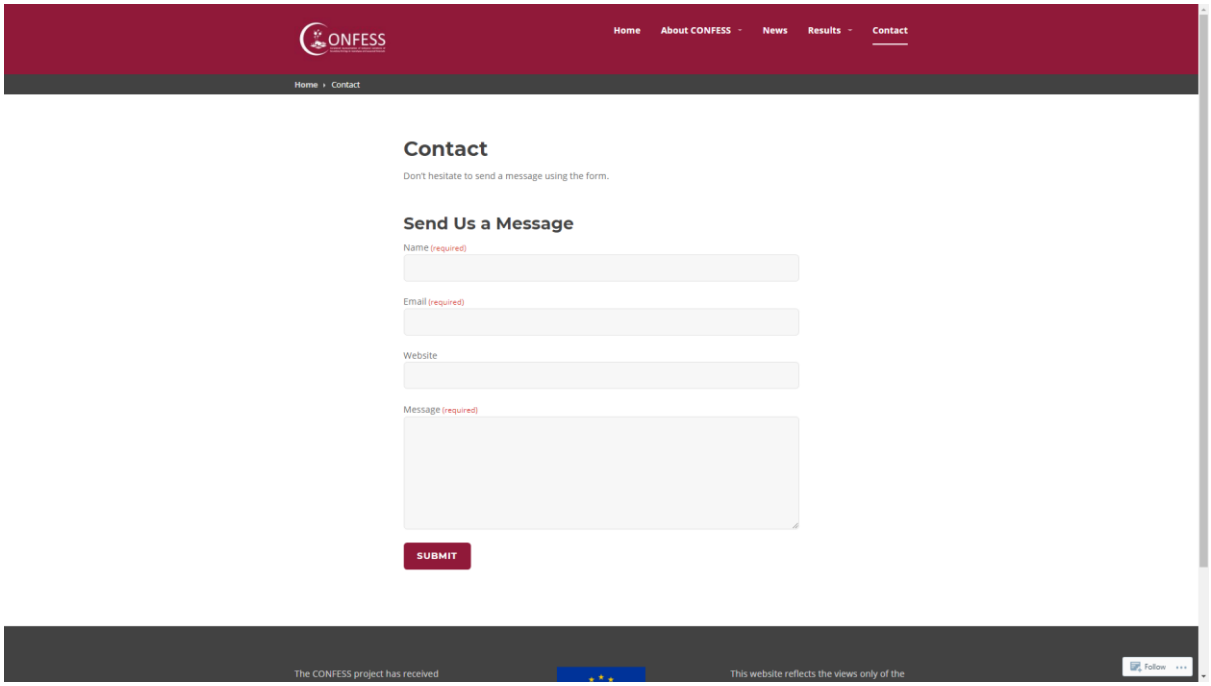

Figure 17: Contact page

4 Project Internal Pages

The project currently utilises Atlassian Confluence for internal communication and exchange. If the need arises, Atlassian Jira, a bug and issue tracking tool, as well as FTP exchange servers will be made available.

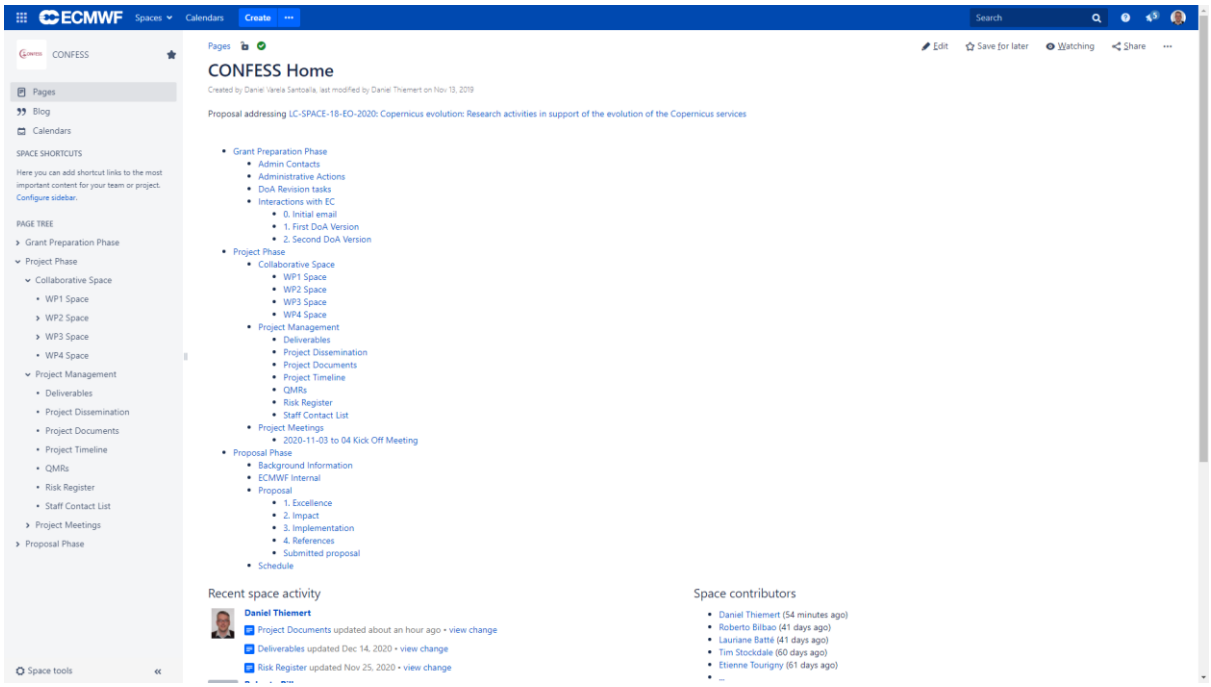

Figure 18: CONFESS Confluence space

5 Conclusion

This document, D4.2, provides a high-level description of the CONFESS project website. It presents details on the structure of the website. The website (accessible via www.confess-h2020.eu) is to be updated regularly, both throughout the lifetime of the project and thereafter. It contains information on the project, news, results (including public deliverables), data sets, amongst others.

Document History

Version	Author(s)	Date	Changes
0.1	Daniel Thiemert (ECMWF)	05/01/2021	Initial version
1.0	Daniel Thiemert (ECMWF)	25/01/2021	Final version

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Internal Reviewers	Date	Comments
Roberto Bilbao (BSC)	22/01/2021	Approved with comments
Constantin Ardilouze (MF-CNRM)	25/01/2021	Approved with comments

Estimated Effort Contribution per Partner

Partner	Effort
ECMWF	0.5
Total	**0.5**