TenSyGrid

Tensors for System Analysis of Converter-dominated Power Grids

D 7.1 Project Website and Visual Identity

By: Fraunhofer IWES

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About TenSyGrid

The demand for the power grid in Europe is undergoing profound changes due to an increasing number of decentralized feed-in points and the fluctuating supply from renewable energies. This complexity in interactions between power grid components poses a challenge for maintaining system stability. To address this, the European project TenSyGrid is developing a toolbox for direct stability assessment using multilinear models to capture the complex dynamics of power grid components. The objective is to support grid operators in assessing large power grids primarily powered by renewable energy. The toolbox will be compatible with existing commercial software packages to facilitate integration into current workflows.

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About this document

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CO	Confidential. Only for members of the consortium, CETP, EC and Funding agencies	

Summary

This report outlines the visual identity of the TenSyGrid project, encompassing key elements such as the project logo, design elements and project website. The TenSyGrid website is accessible at www.tensygrid.eu. This website aims to provide comprehensive information about the project, including its objectives, consortium members, workplan, non-confidential results and resources and project news.

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Introduction

This deliverable is part of the TenSyGrid task 7.3 - Results Dissemination, Communication, and Exploitation. Details on the project identity including its logo, design element, TenSyGrid website www.tensygrid.eu and a brief description of internal communication channel are presented in the following sections.

1. Project Logo

Project logo serves as the main visual representation of the project's identity. Care has been taken to capture the essence of the project's theme within the logo by the in-house graphic designer of the Fraunhofer IWES. During the project kick-off on 05.12.2024 at Hamburg, four designs for the TenSyGrid logos were presented to the consortium.

The consortium members provided their respective feedback for further improvement, which was applied to prepare a second and a third set of logos. Finally, the partners agreed on the current TenSyGrid logo because of its superior readability, appealing color combination and design (Figure 1). TenSyGrid logo is appropriate for dissemination materials and templates for reports and presentations with its horizontal format.

Figure 1 Official logo of TenSyGrid
Shown logo is copyright of Fraunhofer IWES.

2. TenSyGrid Design Element

The main design element for the TenSyGrid is a 2x2 cube (Figure 2). In multilinear models, a 2 x 2 cube typically represents a tensor with two modes or dimensions. This design element harmonises well with the theme of the project.

Figure 2 Main design element of TenSyGrid
Shown design element is copyright of Fraunhofer IWES.

3. TenSyGrid Website

TenSyGrid website has been established and can be accessed at www.tensygrid.eu. Its purpose is to inform the public about this project selected within the Clean Energy Transition Partnership (CETP) under the Horizon Europe Framework. The website will be updated regularly to reflect the progress of the project and will act as a hub for news and announcements from TenSyGrid. In addition, public summary of confidential deliverables and full non-confidential deliverables of the project will also be available for download on the site. Links to important resources related to TenSyGrid project will be provided at the site.

The company to develop TenSyGrid website was selected after a successful evaluation by the Fraunhofer IWES's departments of the Marketing and Communications and the Procurement, following the best value for money principle. After testing the draft version, the website went online on 18.03.2025. The content of website is published after taking consortium approval on its publication. The fonts and colours used for the website are inspired from the TenSyGrid logo and its design element. Acknowledgement of CETP, logos of CETP, EU and of the funding organisations of the partners are prominently displayed on each page and are visible immediately upon accessing the website on both desktop and mobile devices. TenSyGrid website features the overview of the project, its objectives, members of the consortium along with weblinks of their respective organisations, workplan, results, project publications among others. The information is contained on its five main pages that are:

- Home
- Project
- Resources
- News and Events
- Contact

Website visitors have the option to contact the coordinator via email to tensygrid@iwes.fraunhofer.de.

Data protection policy is also displayed on the website along with the Imprint. Some of the screenshots of TenSyGrid website are presented below.

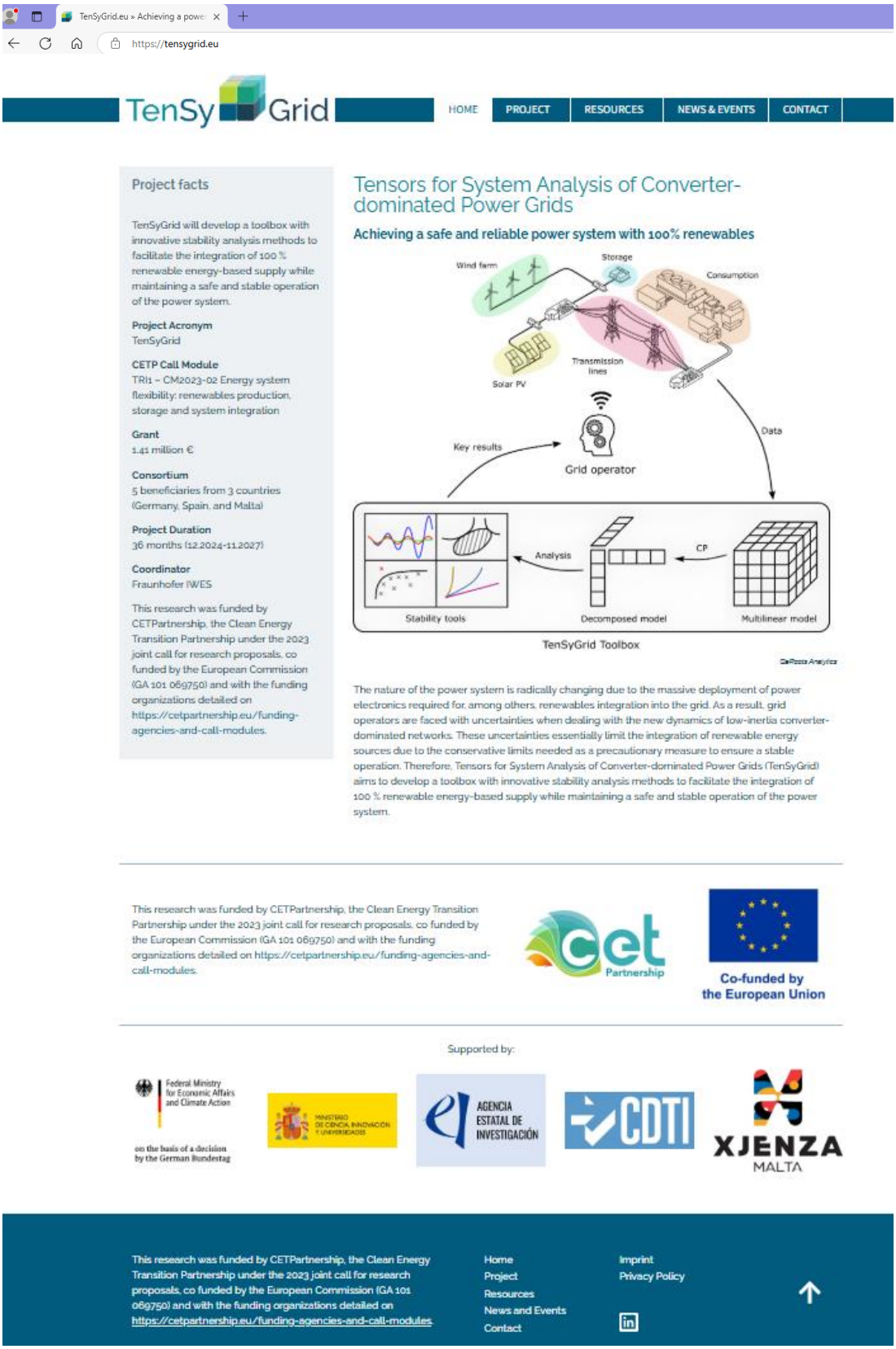

Figure 3 Homepage of the TenSyGrid website

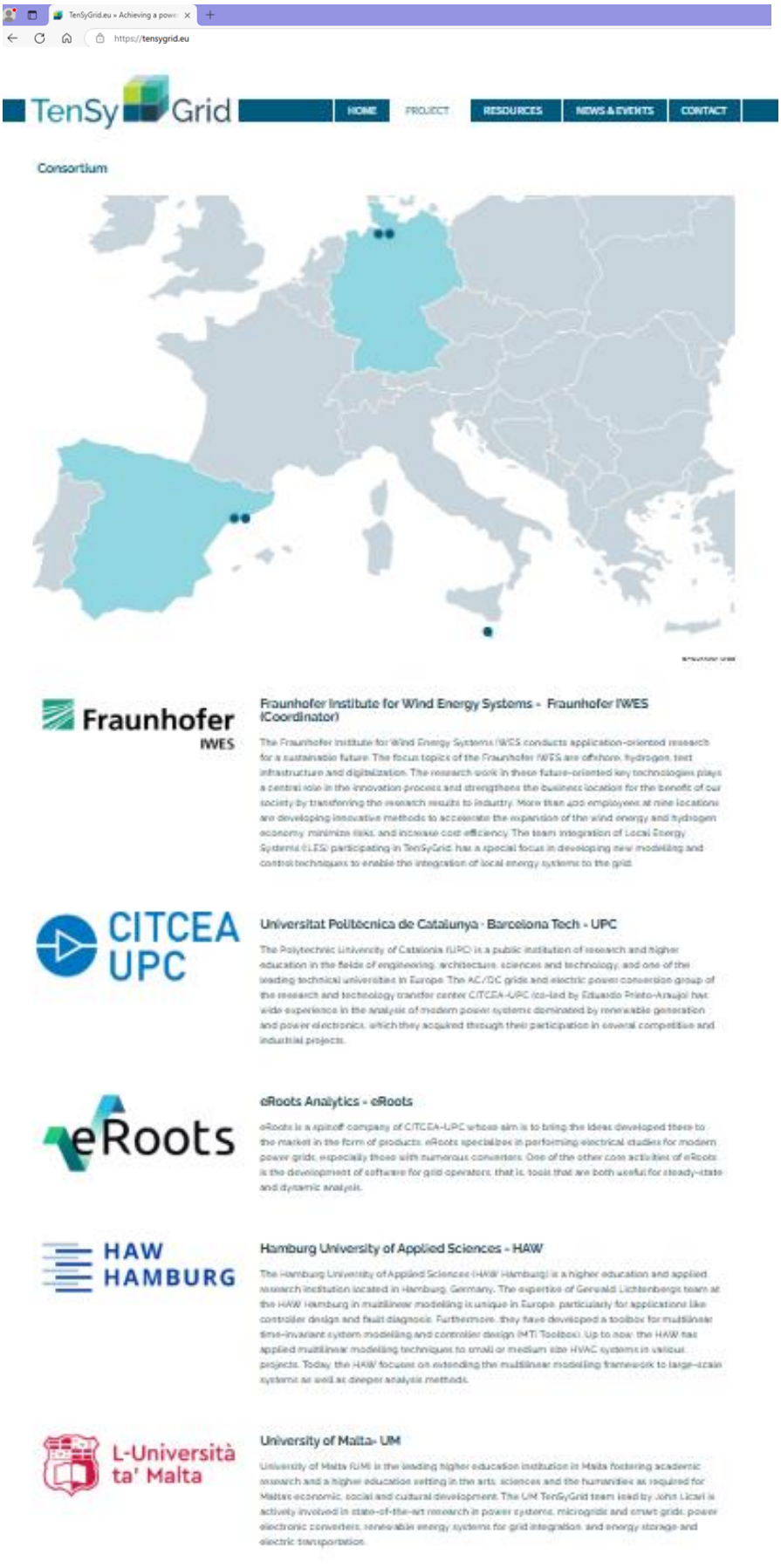

Figure 4 Consortium page within the Project menu at the TenSyGrid website

Figure 5 Workplan page within the Project menu at the TenSyGrid website

Figure 6 News & Events page at the TenSyGrid website

4. Internal Communication

TenSyGrid project communication channel has been set-up by the Fraunhofer IWES for the exchange of project data, documents and telecommunication. Access to this channel has been provided to all partners. Project meetings have been conducted successfully via this medium. The name of the internal communication channel has been omitted in this public deliverable for confidential data safety reasons.