



Press Release

CABLEGNOSIS | June , 2026 (vol. 3)

Webinar Series Launch: CABLEGNOSIS Brings Together EU Projects on Future Power Cables

The CABLEGNOSIS project will launch its first webinar on 30 June 2026, bringing together leading European research initiatives working on advanced power cable technologies. The event will showcase innovations in HVDC transmission, cable monitoring systems, and superconducting power technologies supporting the transition to a more resilient and sustainable European electricity grid.

Webinar Overview

The first session in the CABLEGNOSIS webinar series, titled “**Introducing the Sister Projects on Cables**”, will present ongoing research and innovation activities from CABLEGNOSIS and its sister projects: DCDYNAMIC, EasyDC-FOS, and SCARLET. Together, these initiatives are advancing key technologies for the evolution of Europe’s electricity grid, including dynamic HVDC cable systems, fibre-optic monitoring solutions, and high-power superconducting cables.

The webinar will also foster exchange between researchers, industry stakeholders, grid operators, utilities, and policymakers, supporting collaboration across the European energy research community.

Event Details

Date: 30 June 2026

Time: 13:00–14:30 CET

Format: Online webinar (registration required)

Agenda

13:00 – 13:10 | Welcome & Introduction

Dr Christos A. Christodoulou, CABLEGNOSIS Project Coordinator

13:10 – 13:25 | **CABLEGNOSIS**

Facilitating the transition to a more resilient, efficient, and sustainable European power grid

Dr Christos A. Christodoulou, Associate Professor at the National Technical University of Athens and CABLEGNOSIS Project Coordinator

13:25 – 13:40 | **DCDYNAMIC**

Accelerating DC Dynamic Cable Technology for a Sustainable European Electricity Grid

Dr Tony Lujia Chen, Reader in High Voltage Engineering, The University of Manchester and DCDYNAMIC Project Coordinator

13:40 – 13:55 | **EasyDC-FOS**

Towards a Wide-Spread HVDC-Based Power System Enabled by New Highly Efficient Cable & Fibre Optic Monitoring Systems

Manuel Muñoz, Managing Director of RDT Lumiker and EasyDC-FOS Project Coordinator

13:55 – 14:10 | **SCARLET**

High-Power Medium-Voltage Superconducting Cables Developed in the SCARLET Project

Christian-Eric Bruzek, Technology and Business Development Manager for Power Equipment, ASG Superconductors and SCARLET partner

14:10 – 14:30 | Open Discussion & Q&A

Speakers

Dr Christos A. Christodoulou is the Coordinator of the CABLEGNOSIS project and Associate Professor at the National Technical University of Athens. He is an expert in high voltages, power systems and advanced computational methods. With extensive academic and industrial experience, he has contributed to over 90 publications and he has participated in more than 10 major EU projects (Horizon, Horizon 2020, FP7) focusing on sustainable and intelligent electricity networks.

Dr Tony Lujia Chen received his PhD in Electrical Engineering from Cardiff University, UK, in 2015. He is currently Reader in High Voltage Engineering at The University of Manchester and serves as Chair of the British Standards Institution PEL/42 committee for high-voltage and high-current testing techniques. He is also a Regular Member of CIGRE UK Study Committee B3. His research focuses on

solid and gaseous dielectric insulation for electricity transmission, offshore renewables, and transport electrification. Dr Chen coordinates the DCDYNAMIC project, which aims to advance next-generation HVDC dynamic export cable technologies.

Manuel Muñoz holds a Master's degree in Aerospace Engineering from the University of Bath and INSA, as well as a PDG from IESE. With more than 20 years of experience in the energy and aerospace sectors, he has held several management positions throughout his career. Since 2020, he has served as Managing Director of RDT Lumiker, focusing on transferring advanced fibre optic sensing technologies to the market and developing innovative solutions for extra-high-voltage cable monitoring, protection, and control.

Christian-Eric Bruzek received a PhD in Materials Science from Lille University, France. He has held management positions at ALSTOM and Nexans, leading numerous collaborative projects with universities and research institutes. For more than ten years, he chaired the French and International Superconductivity Standardization Committee (NF90/IEC TC 90). He has authored over 100 peer-reviewed publications, technical brochures for CIGRE, books, and patents. His current work focuses on superconducting technologies for decarbonisation, including hydrogen-cooled superconducting cables, high-power transmission systems for onshore and offshore grids, and fault current limiters.

Registration

Participation is free.

Join the webinar to explore how CABLEGNOSIS and its sister projects are contributing to the development of next-generation cable technologies and enabling a more sustainable European electricity grid.

Register here:

<https://docs.google.com/forms/d/e/1FAIpQLScyxrLNHRytUUgjC9jGGFfMZydlWf1fFvrBLnabtKKS2gjHnw/viewform?usp=header>



CABLEGNOSIS Webinar Series

#1: Introducing the SISTER projects on CABLES

SAVE THE DATE 30.06.2026 13:00–14:30 CET

Free registration

GUEST SPEAKERS

Dr. Christos A. Christodoulou
Associate Professor at NTUA and ICCS and Project Coordinator of CABLEGNOSIS

Dr. Tony Lujia Chen
Reader in High Voltage Engineering at the University of Manchester and Project Coordinator of DCDYNAMIC

Manuel Muñoz
Managing Director at RDT Lumiker and EasyDC-FOS Project Coordinator

Christian-Eric Bruzek
Technology and Business Development Manager for Power Equipment at ASG Superconductors and SCARLET Partner

Funded by the European Union

Logos: MANCHESTER 1824, DC DYNAMIC, EasyDC FOS, ASG SUPERCONDUCTORS, SCARLET

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|| [@cablegnosis](https://www.instagram.com/cablegnosis)

About Us

The CABLEGNOSIS is a project funded by the European Union's HORIZON Research and Innovation Action under the topic HORIZON-CL5-2024-D3-01-15/HVAC, HVDC and High-Power cable systems and responds to the Call HORIZON-CL5-2024-D3-01/Sustainable, secure and competitive energy supply. The Consortium consists of 17 partners, bringing together six (6) research and technology organisations (ICCS, ESPCI, IWO, UCY, UoS and UoG), two (2) SOs (EAC, ESO), one (1) manufacturer (ASG), seven (7) innovative technology providers (RINA-C, CINT, 3SI, FEN, Xlinks, INA and ADTIC) and one (1) foundation (HUMEA). CABLEGNOSIS innovative technologies will be validated in 5 countries. CABLEGNOSIS is a 36-month long project started in September 2024.

The Consortium

