

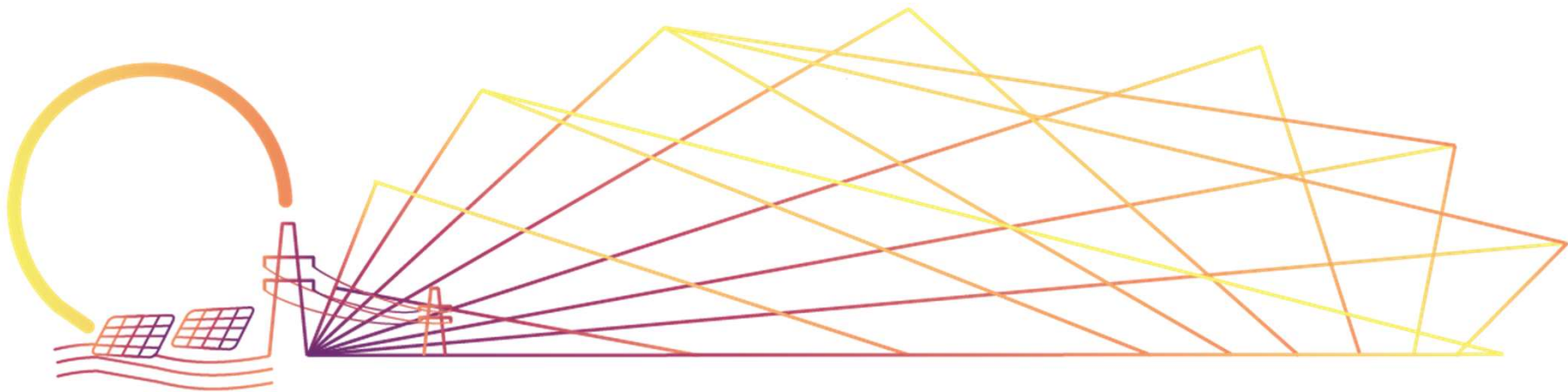


This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 953016



## WP7 – COLLABORATIVE MODELLING & MONITORING PLATFORM

PVSEC 2024 presentation



# WHAT IS COPLASIMON?

COPLASIMON is the collaborative platform of the SERENDI-PV project. The collaborations will allow to test the project innovations on real cases giving feedback to the PV community.

This collaborative platform will constitute a vehicle for collaboration between the partners of SERENDI-PV and the other relevant stakeholders from the solar energy community. This platform deals with topics such as **simulation, design, data analytics, QC and grid integration**.

### Follow us:



COLLABORATIVE PLATFORM  
FOR SIMULATION AND  
MONITORING

Project Coordinator:  
TECNALIA

Platform coordinator  
LUCISUN

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WIP Renewable Energies



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# COPLASIMON article and poster (PVSEC 2024)



## Shaping European Collaboration on Photovoltaics: A Collaborative Platform For Simulation And Monitoring (COPLASIMON)

Simone Vitale<sup>1</sup>, Jonathan Leloux<sup>1</sup>, Hervé Colin<sup>2</sup>, Eric Pilat<sup>2</sup>, Stéphane Mollier<sup>2</sup>, Basem Idlbi<sup>3</sup>, Rodrigo Moretón<sup>4</sup>, Oscar Anchorena<sup>4</sup>, Christophe Salpervyck<sup>5</sup>, David Melgar<sup>6</sup>, Christian Schill<sup>6</sup>







1) LuciSun, 2) Univ. Grenoble Alpes, CEA, Liten, 3) Smart Grids Research Group, Ulm University of Applied Sciences, 4) Qualifying Photovoltaics (QPV), 5) MyLight150, 6) Fraunhofer Institut for Solar Energy Systems

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Come see our poster for more details: section **4BV.3.53**



# DEMOS available on COPLASIMON

  <p>Modelling software tools for PV</p>	 <p>Collaborative platform with TSO/DSO and Market for network transparency and grid services</p> <p>This flexibility platform is part of the collaborative platform COPLASIMON for the SerendipV project, which has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 953016</p>   <p>DSO flexibility interface</p>  <p>Self-consumption and energy communities</p>
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Additional material available!



# COPLASIMON functionalities

## DATA SHARING

- Share your data on PV
- Download data from the SERENDI-PV partners
- Register your organization



## SOFTWARE SHARING

- Share your APIs and software
- Share code
- DEMO from partners available



## FORUM

- Publish your questions on PV
- Discuss with scientific experts of PV
- Matchmaking tool



## COLLABORATION CALLS



SERENDI-PV partners have developed innovative software tools to deal with the PV reliability (monitor and diagnosis faults at utility-large, medium-size and residential) for innovative PV technologies.

Collaboration calls will be opened on COPLASIMON on the following topics:

- [Bifacial PV](#)
- [Floating PV](#)
- [Soiling](#)
- [PV Degradation](#)
- [Financial Tools for PV](#)
- [BIPV](#)

## SURVEYS

- Data management
- Software tools on the market

Existing collaborations : Join them using the forum !

# Available surveys

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Survey on the data standards of the PV and energy sector



Survey on the DEMO software tools available on the market



# Collaboration calls (permanent)

- Data analytics
- Reports with the main results and recommendations



**COLLABORATION CALL N1 ON BIFACIAL PV DATA**

APPLY TO THE CALL

[Click Here](#)



**COLLABORATION CALL N2 ON FLOATING PV DATA**

APPLY TO THE CALL

[Click here](#)



**COLLABORATION CALL N3 ON SOILING**

APPLY TO THE CALL

[Click Here](#)



**COLLABORATION CALL N4 ON RESIDENTIAL**

APPLY TO THE CALL

[Click Here](#)



# Join us ! We are looking for you

[contact@coplasimon.eu](mailto:contact@coplasimon.eu)



What can you get ?

Collaborations

Data and model validation

Feedback from the PV community

What can you become in COPLASIMON ?

Forum manager

Author of the webpage material

Data provider for the PV community



# Thank you for the attention

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Scan the QR code to access this presentation and contact us at [contact@coplasimon.eu](mailto:contact@coplasimon.eu)  
<https://coplasimon.eu/>

