



TradeRES

New Markets Design & Models for
100% Renewable Power Systems

D7.4 - Dissemination Activity Report – 5th Edition

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Executive Summary

This report presents the dissemination activities conducted in the scope of TradeRES project during the last 10 months, and the main highlights of the overall project. The content of this report follows the dissemination and exploitation plan (D7.2) and corresponds to an update of the information reported in the previous editions of the progress dissemination report (D7.4 – Dissemination Activity Report).

This report describes the key target groups and the key performance indicators (KPI) achieved at the end of the project - general promotion of the project, social media, traditional media promotion and communication of regular news and announcements, publication in scientific journals, special book chapters and participation in workshops and international conferences, organization of scientific events, conferences, workshops, thesis, and dissemination material. Finally, an analysis of the most relevant activities and KPIs is presented in the conclusions.

During the development of the project, there was the need to revise the accounting methodology, at the beginning of the 4th year, and the new metrics were applied to the whole duration of the activities.

The extension period that was granted to the project, proved to be very valuable, as it allowed for a more comprehensive dissemination of the outcomes, provided additional time to achieve efficient and accurate results, and enabled the preparation of dissemination materials in a more robust manner. The last year of the project was very productive enable to address some KPIs that were missing and further enhance others. In addition, although the great majority of the KPIs were already achieved at the beginning of the last reporting period, the extension of the project, enabled to overcome the foreseen outcome. For example, it was possible to publish 40 conference papers and 40 journal papers, in both cases 100% above the targets outlined in the plan.

Table of Contents

Executive Summary	3
Table of Contents	4
List of Figures	5
List of Tables	6
1. Introduction.....	7
2. Meetings, Public Events and Newsletters	9
2.1 Workshops Organized in the Scope of TradeRES.....	9
2.2 Communication Materials.....	12
2.3 Project Plenary Meetings	14
2.4 Academic Thesis.....	15
3. Stakeholders and Target Groups.....	18
4. Public Deliverables	38
5. Key Performance Indicators (KPI).....	41
6. Conclusion.....	46
References.....	47
Annex I – Detailed list of KPI	48

List of Figures

Figure 1 Final TradeRES Webinar.....	10
Figure 2 Newsletter 9.	12
Figure 3 Newsletter of previous editions.....	13
Figure 4 Flyer version with results of the project.....	14

List of Tables

Table 1 Workshops/webinars organized by TradeRES.....	10
Table 2 Plenary meetings of TradeRES Year 5.	15
Table 3 Theses under development in Year 5.	15
Table 4 Theses ongoing after the end of the project.....	16
Table 5 Theses completed in previous years.....	16
Table 6 Relevant stakeholders to ensure the success of the project.	18
Table 7 Codes were established for the different types of events.	18
Table 8 Contact with target group.....	20
Table 9 List of Public Deliverables.....	38
Table 10 Fulfilment indicators.....	41
Table 11 Dissemination KPIs.	42

1. Introduction

During the development of the project, the consortium has conducted different activities to disseminate the major findings, insights, and outcomes to relevant stakeholders (and public), in a clear and effective manner. Also, the activities that were foreseen at the beginning of the project, followed the general guidelines to ensure that the knowledge acquired with the developed work, are shared and can be used in the future by other people working in the field of Energy Markets, as well as contributing to future development, innovation and decision making.

TradeRES had as main objectives “to develop new electricity markets design for ~100% renewable power systems; to model and simulate to the new market agents, procedures and mechanisms; and to engage key stakeholders in the development, improvement and use of the new market simulation tools”. In this sense, the dissemination activities were conducted to progressively show to the relevant actors the outcomes of the work, interact and listening their opinion and suggestions and improve the results with their feedback.

Facing the complexity of the project’s workplan and the drawbacks originated by the COVID-19 Pandemic that ravaged the world at the beginning of 2020 - coinciding with the beginning of the project - the consortium was granted a 10-month extension, from February to November 2024.

In this sense, this report presents the activities developed during the extension of the project’s 5th year and, also, the highlights of the overall project.

The content of this report is aligned with the guidelines established at the beginning of the project (D7.2 – Initial Dissemination and Exploitation Plan [1]), which presents the procedures on how to promote a widespread dissemination of scientific and industrial results while ensuring the confidentiality and protection of the data.

As in the previous editions of this report, the fulfilment of the Key Performance Indicators (KPIs) is analysed in detail, identifying the specific actions that have been conducted according to each KPI. Additionally, for the items that were not entirely reached, or in which the accomplishment was difficult during the previous years, a set of mitigation actions were defined to enable to overcome the difficulties until the end of the project. During the whole period of implementation of the project’s workplan, the consortium didn’t find the need to change the KPIs or the dissemination and exploitation plan, this approach demanded more effort from the partners to ensure the objectives.

During this period, the consortium partners participated in some activities that were not foreseen at the beginning of the project (examples: keynote speeches, participation in the INREC) but that brought new ideas and contributions to the work under development and enabled to discuss, disseminate the project outcomes and obtain suggestions to improve models and results.

In what concerns the general procedure for collecting the information for the KPIs, during the project, this WP scheduled monthly meetings, as established in all the WPs, and the partners updated periodically the shared folders and files made available since the beginning.

It is also important to highlight that the organic reach on social media platforms, X and Facebook, in addition to the great efforts of the publicity team, revealed less activity than expected in the proposal phase. This may be attributed to the high offer of scientific projects being disseminated in these platforms that originates some dispersion on the target public, and also, to the reduced knowledge on this area that has just recently gained interest and importance as efforts on the energy transition have become a priority on the Member States. In addition, this declining on social media activity, can also be a consequence of algorithmic changes prioritizing monetized and high-engagement content. On X, as mentioned in the previous report, efforts to monetize the platform, especially under its latest leadership, have shifted the focus towards generating revenue from premium subscriptions and advertising [2]. Similarly, on Facebook, organic reach has dropped to an average of 1-2% for most pages, driven by algorithm adjustments that prioritize updates from friends and family over business related content [3]. The need for monetization has increasingly shaped experience and visibility. Platforms like Facebook and X rely heavily on advertising as their primary revenue source, pushing strategies that favor paid promotions and engagement driven algorithms. Nevertheless, and in a general way, the activity on the remaining social networks (e.g., LinkedIn) denoted a large interest in the topic and in the project developed work.

2. Meetings, Public Events and Newsletters

During this project's implementation phase, there were several dissemination activities and stakeholders' involvement. Examples were the sessions dedicated to the test of the models with the stakeholders to understand what could be improved, and what was not being addressed and to improve the models so that they could be tailored for their use. Also, the final stakeholders' workshop brought to the stakeholders and participants the main outcomes of the developed work and the feedback for the next steps in the after-project phase.

In the following subsection (2.1), the workshops, meetings, and relevant actions are described.

2.1 Workshops Organized in the Scope of TradeRES

One of the most effective ways to disseminate the project's outcomes and receive feedback from the relevant target groups is the organization of webinars and workshops, especially when it is expected to produce materials and results with a high interest for a certain sector. In this case, the project's results were designed to deliver useful materials/products for the energy markets sector and to the renewable energies area in general. In this sense, during this project's implementation, 10 workshops were organized. That had as main objective to involve and consult relevant stakeholders and future beneficiaries of the results, to enable an efficient improvement of the developed models, making them as tailored as possible to their needs. Some examples of special editions organized by TradeRES are a session that took place during EERA-ESI 2023 Conference in Brussels, and the ECEMP – Skills workshop, which explored agent-based simulation in electricity markets, led by Christoph Schimeczek from the German Aerospace Center (DLR). Finally, the project's final webinar took place on the 19th of November 2024 (Figure 1), to present the results of the project, highlight the major outcomes and promote discussion on the Energy markets area. The webinar attracted a record of 484 registrations, with 251 live attendees (not including 18 partners, speakers, and staff).

During the webinar, we used SLIDO¹, a platform that encourages audience interaction. During the webinar, the participants could submit questions, and the most voted were attended, creating stronger engagement with viewers and speakers.

To increase visibility and give the opportunity to those who couldn't attend the webinar, a recording was sent to all registrants and is also publicly available (published on November 27th, 2024) on YouTube². Due to Zoom's participants limitation (max. 300), the webinar was also streaming on YouTube, anticipating not all registrants would be able to attend. The recording was made public on YouTube on November 27, 2024, at 4:00 PM.

¹ <https://www.slido.com/>

² <https://www.youtube.com/live/F5VqN4h3Ke0>



Figure 1 Final TradeRES Webinar.

Table 1 shows the project workshops/webinars organized throughout the duration of the entire project duration.

Table 1 Workshops/webinars organized by TradeRES.

Date	Location	Name / Observations
04-09-2021	Online	ECAI 2020 (AIPES – The Workshop on Artificial Intelligence in Power and Energy Systems (http://www.gecad.isep.ipp.pt/AIPES/), held as part of ECAI 2020
20-10-2021 to 21-10-2021	Zoom	TradeRES 1 st Workshop
23-02-2022	Online	Organisation of AMIRIS Open Source Release Workshop
28-11-2022	Zoom	Second TradeRES Public Workshop
12-10-2023	Online	Workshop on Market Designs in Germany and the EU, in which we would like to get your feedback on our latest research from the EU-Horizon2020 project TradeRES.
24-11-2023	Hybrid (Porto, Portugal, Online)	TradeRES Iberian Stakeholders' Workshop: Electricity markets with high shares of renewables
28-06-2023	Brussels, Belgium	Special workshop hosted by TradeRES and EERA-ESI, right before the EERA-ESI 2023 Conference in Brussels!
05-10-2023	Online	ECEMP - Skills workshop Agent-based simulation of electricity markets with AMIRIS

Date	Location	Name / Observations
21-11-2023	Amsterdam	Stakeholder workshop on the Dutch case study of the TradeRES project
19-11-2024	Zoom and YouTube	Final TradeRES Webinar

Stakeholders' feedback dedicated workshops

Part of the activities of this project was strongly connected to Stakeholders' involvement to obtain feedback to incorporate in the models making them as tailored as possible to their needs. For this end, the consortium organized a series of workshops specifically dedicated to stakeholders with activity in the project's field. These workshops occurred in the second semester of 2023 in a crucial development phase of the project and when there was the need to collect feedback from potential users and improve the models for this end.

The first workshop was organized by EnBW, DLR and VTT on the 12th October 2023, remotely, and it was dedicated to Market Designs related with case studies C and E - Germany and the EU. The workshop was divided into two parts. The first was used to promote a conceptual discussion on market design options (energy only market, support instruments) and to present the first set of the modeling results and highlight policy-oriented aspects, and from another side, perform a hands-on workshop, dedicated to energy system modelers. The second part was a hands-on session where the participants tested the developed project-enhanced tools such as Spine Toolbox, AMIRIS, and Backbone. The feedback collected from this session was then used to improve and further develop the models, constituting a very important contribution to the final outcomes of the project.

The second Stakeholders' workshop was related to case study B - The Netherlands, and was organized by TNO and TUDelft on November 11, 2023, in Amsterdam. The objective was to discuss with the participants the first results and used methodology. Also, the benchmark modelling results from the European electricity market model COMPETES-TNO, the key features and the first results of the agent-based model EMLabpy were presented and discussed. Several other aspects were also discussed, such as market design options and implications for a climate-neutral power system in the Netherlands.

The last Stakeholders' workshop was dedicated to the case study on the Iberian Market and denominated Electricity markets with high shares of renewables. This workshop was hybrid and organized in Porto November 24, 2023. It was divided in two sessions; session A, dedicated to policy, encompassing a conceptual discussion of market design options and a presentation of the latest modeling results. Session B related to energy systems' modelers and constituted a testing session with the project's tools—Spine Toolbox, MASCEM, and RESTrade. The workshop was wrapped-up by addressing strengths, weaknesses, and future challenges. Sessions A and B took place independently, having in mind different audiences according to specific interests and expertise.

2.2 Communication Materials

During this period, one newsletter was developed³, going beyond the initially planned KPIs (see Figure 2). This newsletter provided a comprehensive summary of the project's achievements, updates, and news, particularly focusing on the last year. It reflects our commitment to transparency and stakeholder engagement, serving as a key communication tool to showcase the project's significant developments.



Figure 2 Newsletter 9.

³ <https://traderes.eu/other-documents/>

Figure 3 are the previous versions of the newsletters that follow the entire evolution and steps of the project.

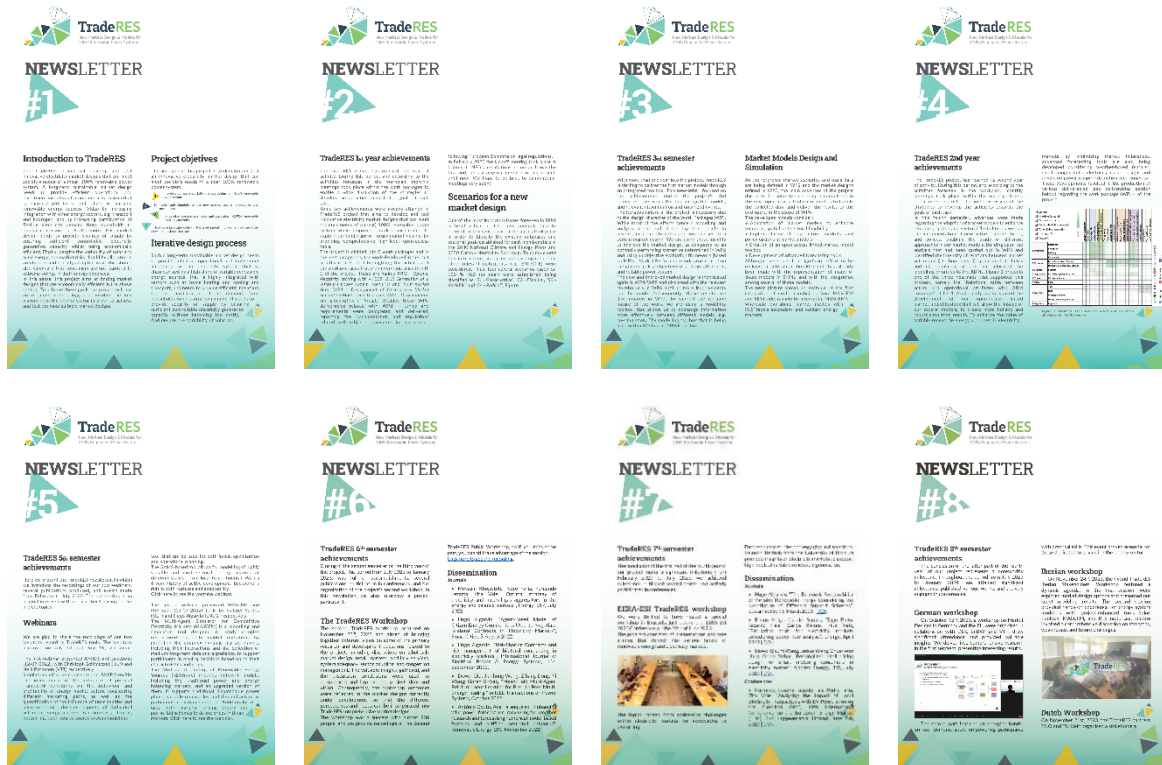


Figure 3 Newsletter of previous editions.

As shown in Figure 4 the flyer presents some of the main results achieved throughout the TradeRES project, providing an overview of its impact and contributions. It is publicly available for download on the project's website.⁴

⁴ <https://traderes.eu/other-documents/>



- For realistic and scalable results, modelling approaches should be significantly informed by the behavioural and operational characteristics of actors, which are affected by technological and regulatory developments.
- Local market structures, such as Local Energy Markets and Communities, although there are significant challenges in their implementation, were found to present significant opportunities for more and better-shared benefits to society.
- The performance of market clearing mechanisms when it comes to local structures like LEM and LEC can be affected by information availability and participants' level of sophistication, while the economic viability and the transacted volume seem to be significantly affected by the tariff structures and network charges.
- Webtool: TradeRES case study outcomes were made ready for interactive inspection in the TradeRES web tool at <https://webtool.traderes.eu/>



Figure 4 Flyer version with results of the project.

2.3 Project Plenary Meetings

During the fifth year, there were 2 Plenary meetings. Table 2 presents the meetings, dates, and locations where they took place in this period, together with some highlights. In previous years of the project's implementation, two regular plenary meetings took place to discuss the strategies towards the objectives and consider mitigation measures whenever needed and were presented in the previous editions of this report.

Table 2 Plenary meetings of TradeRES Year 5.

Date	Location	Title/Observation
05-03-2024 to 06-03-2024	Delft, The Netherlands	TradeRES Project Plenary Meeting in Delft
23-10-2024 to 24-10-2024	Porto, Portugal	TradeRES Project Plenary Meeting in Porto: Key Takeaways

2.4 Academic Theses

At the time of this report, 7 academic theses were completed in this last year as shown in Table 3, with 2 additional doctoral theses and 2 master theses anticipated for completion at the beginning of 2025 (see Table 4). Furthermore, 6 academic theses were completed during earlier phases of the project and are presented in Table 5.

Table 3 Theses under development in Year 5.

Name	Partner	Title	Type	Status
Catarina Marcelino	LNEG	Local Communities and Electricity Markets: Forecast of net consumption on a residential scale.	MSc	Concluded 2024
João Santos	LNEG	Participação da geração renovável no mercado de reservas de um sistema elétrico.	MSc	Concluded 2024
António Couto	LNEG	Exploring Complementarity between Wind and Solar PV generation for Large-scale Integration into Power Systems.	PhD	Concluded 01-03-2024
Helistö Niina	VTT	Analysing flexibility in energy system investment planning: Impact of variable renewable energy, temporal structures and operational constraints.	PhD	Concluded 15-03-2024
Johannes Kochems	DLR	Demand Response Potentials for Germany. Micro-economic assessment of overall economic potential estimates.	PhD	Concluded 08-10-2024
Nikolaus Hellner	DLR	Entwicklung von Gebotsstrategien für Auktionen von erneuerbaren Energien - Development of Bidding Strategies in Auctions for Renewable Energies	MSc	Concluded 29-10-2024

Name	Partner	Title	Type	Status
Johanndeiter Silke	EnBW	The economics of variable renewables in wholesale markets – towards a future-proof market design.	PhD	Concluded 14-11-2024

Table 4 Theses ongoing after the end of the project.

Name	Partner	Title	Type	Status
Rodrigo Matias	LNEG	Complementarity of wind and photovoltaic solar generation in Portugal - historical and prospective analysis.	MSc	Predicted to be submitted in 2025
Vivian Sousa	LNEG	Analysis and definition of bids from variable renewable generation on electricity markets	MSc	Predicted to be submitted in 2025
Ingrid Sanchez	TU Delft	Capacity Remuneration Mechanisms for Decarbonized Power Systems	PhD	Predicted to be Completed in 2025
Evelyn Sperber	DLR	Agent-based modelling and simulation of interactions between the electricity and heat markets using the example of residential heat pumps.	PhD	Predicted to be submitted in 2025

Table 5 Theses completed in previous years.

Name	Partner	Title	Type	Status
Hommel, J., & Cvetkovic, M	TU Delft	Exploring Soft-linking of Market Modules and an Optimization Model.	MSc	Concluded 30-08-2021
Bart Van Nobelen	TU Delft	Security of supply during the energy transition	MSc	Concluded 23-09-2022
Ana Silva	LNEG	Towards near 100% renewable power systems: Improving the role of distributed energy resources using optimization models	PhD	Concluded 01-09-2022
Ricardo Faia	ISEP	Decision Support for Participation in Electric Markets considering the Transaction of Services and Electricity at the Local Level.	PhD	Concluded 14-11-2022

Name	Partner	Title	Type	Status
José Campo	LNEG	Contribuição para a "gestão inteligente" de redes eléctricas recorrendo a metodologias de capacidade dinâmica de linhas".	MSc	Concluded 2023
Lukas Scherzinger	EnBW	On capacity mechanisms using TradeRES-models and data at EnBW.	MSc	Concluded 30-04-2023

In summary, and as presented in this section, the last year of the project experienced an intense interaction with the public enabling to receive feedback in several fields of the project's activities, and there was a valuable interaction with the stakeholders, with important participation and feedback.

3. Stakeholders and Target Groups

This section presents the stakeholders that were foreseen at the beginning of the project as the most relevant to engage in the activities, and the relevant target groups.

The strategy followed to maximize the resultant outcomes is according to the initial Dissemination and Exploitation plan (D7.2). Table 6 presents the stakeholders identified as relevant to ensure the success of the project.

Table 6 Relevant stakeholders to ensure the success of the project.

Code	Description
C	Consumers
P	Large and small power generators
N	Network operators
G	Government
L	Local energy communities
T	P2P traders
R	Academia/researchers/students
A	Aggregators of VRE
V	VPP operators
O	Other market actors

The Table 7 presents the defined codes established for each type of foreseen activity/event, organized to enlarge stakeholders' participation and disseminate the project.

Table 7 Codes established for the different types of events.

Code	Event type	Code	Event type
BW	Book contributions written	OW	Organisation of Workshop
C	Communication Campaign (e.g., Radio, TV, journals, announcements)	PC	Participation to a Conference
E	Exhibition	PRC	Press release and press conference
F	Flyer	PSJ	Published scientific journals
PCP	Published conference papers	PW	Participation to a Workshop
N	Newsletter	RWG	Representations in working groups

Code	Event type	Code	Event type
N	Newsletter	RWG	Representations in working groups
PEO	Participation to an Event other than a Conference or a Workshop	SCP	Submitted conference papers
PAO	Participation in activities organized jointly with other EU project(s)	SIJ	Submitted industrial journals
PIJ	Published industrial journals	SSJ	Submitted scientific journals
SSO	Special Sessions organized in relevant international conferences	T	Training (e.g., summer schools, technical schools, webinars)
The	Theses	VF	Video/Film
WO	Websites others	WP	Website partners
K	Keynotes/Invited Talks/, Presentations	O	Others

It is important to note that some activities that took place during the project were important to disseminate the results and outcomes of the project. Some examples are, Keynotes/Invited Talks/Presentations and Academic Theses. These activities were not foreseen at the beginning of the project but due to their importance, were added in the previous edition (4th edition). All the new occurrences are considered in D7.5 - Final Dissemination and Exploitation Plan. Table 8 presents the dissemination activities that took place in year 5 and that involved contacts with target groups and Table A.1 – Annex I, presents the detail on the activities that occurred during year 5 and until the end of the project. In addition, being this the last dissemination and activities' report of the project, all the information from the previous editions were also added.

In this report some elements that were missed in the previous editions were updated and included to provide a more comprehensive overview of the dissemination activities conducted during the project. These additions do not impact the overall picture of the project since the KPIs are based on cumulative results across all years.

Table 8 Contact with target group.

Dissemination Activity					Target Groups Reached									
Event type	Description	Location	Event date	Main Responsible partner	C	P	N	G	L	T	R	A	V	O
SSJ	Luis Badesa, Goran Strbac, Matt Magill, Biljana Stojkovska, "Ancillary services in Great Britain during the COVID-19 lockdown: A glimpse of the carbon-free future", Applied Energy, March 2021.			Imperial							✓			
PSJ	Luis Badesa, Goran Strbac, Matt Magill, Biljana Stojkovska, "Ancillary services in Great Britain during the COVID-19 lockdown: A glimpse of the carbon-free future", Applied Energy, March 2021. https://doi.org/10.1016/j.apenergy.2021.116500			Imperial							✓			
PC	Débora de São José, Pedro Faria, Zita Vale, "Demand response flexibility: Forecasts and Expectations for 2030 and 2050", The 9th International Conference on Energy and Environment Research, September, 2023.			ISEP		✓	✓				✓	✓	✓	
SCP	Débora de São José, Pedro Faria, Zita Vale, "Demand response flexibility: Forecasts and Expectations for 2030 and 2050", The 9th International Conference on Energy and Environment Research, September, 2023. https://doi.org/10.1007/978-3-031-43559-1_25			ISEP		✓	✓				✓	✓	✓	
PCP	Débora de São José, Pedro Faria, Zita Vale, "Demand response flexibility: Forecasts and Expectations for 2030 and 2050", the 9th International Conference on Energy and Environment Research, September, 2023. https://doi.org/10.1007/978-3-031-43559-1_25			ISEP		✓	✓				✓	✓	✓	
SSJ	Meysam Khojasteh, Pedro Faria, Fernando Lezama, Zita Vale, "A Novel Adaptive Robust Model for scheduling distributed energy resources in local electricity and flexibility markets", Applied Energy, July 2023			ISEP							✓			
PSJ	Meysam Khojasteh, Pedro Faria, Fernando Lezama, Zita Vale, "A Novel Adaptive Robust Model for scheduling distributed energy resources in local electricity and flexibility markets", Applied Energy, July 2023 https://doi.org/10.1016/j.apenergy.2023.121144			ISEP							✓			
SSJ	Meysam Khojasteh, Pedro Faria, Fernando Lezama, Zita Vale, "A Robust Model for Portfolio Management of Microgrid Operator in the Balancing Market", Energies, February 2023			ISEP							✓			

Dissemination Activity					Target Groups Reached									
Event type	Description	Location	Event date	Main Responsible partner	C	P	N	G	L	T	R	A	V	O
PSJ	Meysam Khojasteh, Pedro Faria, Fernando Lezama, Zita Vale, "A Robust Model for Portfolio Management of Microgrid Operator in the Balancing Market", Energies, February 2023 https://doi.org/10.3390/en16041700			ISEP							✓			
SSJ	Christoph Schimeczek, Kristina Nienhaus, Ulrich Frey, Evelyn Sperber, Seyedfarzad Sarfarazi, Felix Nitsch, Johannes Kochems, A. Achraf El Ghazi, " AMIRIS: Agent-based Market model for the Investigation of Renewable and Integrated energy Systems. Journal of Open Source Software April 2023. https://doi.org/10.21105/joss.05041			DLR							✓			
PSJ	Christoph Schimeczek, Kristina Nienhaus, Ulrich Frey, Evelyn Sperber, Seyedfarzad Sarfarazi, Felix Nitsch, Johannes Kochems, A. Achraf El Ghazi, " AMIRIS: Agent-based Market model for the Investigation of Renewable and Integrated energy Systems. Journal of Open Source Software April 2023. https://doi.org/10.21105/joss.05041			DLR							✓			
SCP	Meysam Khojasteh, Pedro Faria, Fernando Lezama, Zita Vale, "A Robust Model for Portfolio Management of Microgrid Operator in the Balancing Market", Energies, February 2023 https://doi.org/10.3390/en16041700			ISEP							✓			
PC	Tiago Pinto, Tânia Rocha, Arsénio Reis, Zita Vale, "Clustering-Based Filtering of Big Data to Improve Forecasting Effectiveness and Efficiency", 11th International Conference on Multimedia Communications, Services and Security (MCSS), November, 2022.			ISEP		✓	✓				✓	✓	✓	
SCP	Tiago Pinto, Tânia Rocha, Arsénio Reis, Zita Vale, "Clustering-Based Filtering of Big Data to Improve Forecasting Effectiveness and Efficiency", 11th International Conference on Multimedia Communications, Services and Security (MCSS), November, 2022			ISEP		✓	✓				✓	✓	✓	

Dissemination Activity					Target Groups Reached									
Event type	Description	Location	Event date	Main Responsible partner	C	P	N	G	L	T	R	A	V	O
PCP	Tiago Pinto, Tânia Rocha, Arsénio Reis, Zita Vale, "Clustering-Based Filtering of Big Data to Improve Forecasting Effectiveness and Efficiency", 11th International Conference on Multimedia Communications, Services and Security (MCSS), November, 2022. https://doi.org/10.1007/978-3-031-20215-5_12			ISEP		✓	✓				✓	✓	✓	
PC	Meysam Khojasteh, Pedro Faria, Zita Vale, "A Robust Strategy for Energy Management in Local Energy Communities", International Conference on Applied Energy (ICAE)	Doha, Qatar	03-12-2023 to 07-12-2023	ISEP		✓	✓				✓	✓	✓	
SCP	Meysam Khojasteh, Pedro Faria, Zita Vale, "A Robust Strategy for Energy Management in Local Energy Communities", International Conference on Applied Energy (ICAE)			ISEP		✓	✓				✓	✓	✓	
PCP	Meysam Khojasteh, Pedro Faria, Zita Vale, "A Robust Strategy for Energy Management in Local Energy Communities", International Conference on Applied Energy (ICAE) https://doi.org/10.46855/energy-proceedings-11069			ISEP		✓	✓				✓	✓	✓	
SSJ	Dawei Qiu, Zihang Dong, Guangchun Ruan, Haiwang Zhong, Goran Strbac, Chongqing Kang, "Strategic retail pricing and demand bidding of retailers in electricity market: A data-driven chance-constrained programming", Advances in Applied Energy, Volume 7, September 2022.			Imperial							✓			
PSJ	Dawei Qiu, Zihang Dong, Guangchun Ruan, Haiwang Zhong, Goran Strbac, Chongqing Kang, "Strategic retail pricing and demand bidding of retailers in electricity market: A data-driven chance-constrained programming", Advances in Applied Energy, Volume 7, September 2022 https://doi.org/10.1016/j.adapen.2022.100100		01-09-2022	Imperial							✓			
SSJ	Dawei Qiu, Aimon Mirza Baig, Yi Wang, Lingling Wang, Chuanwen Jiang, Goran Strbac, "Market design for ancillary service provisions of inertia and frequency response via virtual power plants: A non-convex bi-level optimisation approach", Applied Energy, Volume 361, May 2024.			Imperial							✓			

Dissemination Activity					Target Groups Reached									
Event type	Description	Location	Event date	Main Responsible partner	C	P	N	G	L	T	R	A	V	O
PSJ	Dawei Qiu, Aimon Mirza Baig, Yi Wang, Lingling Wang, Chuanwen Jiang, Goran Strbac, "Market design for ancillary service provisions of inertia and frequency response via virtual power plants: A non-convex bi-level optimisation approach", Applied Energy, Volume 361, May 2024. https://doi.org/10.1016/j.apenergy.2024.122929		01-05-2024	Imperial							✓			
PC	20th International Conference on the European Energy Market (EEM24)	Istanbul, Turkey		TU Delft		✓	✓				✓	✓	✓	
SCP	Hugo Algarvio, António Couto, Ana Estanqueiro, Rui Carvalho, Gabriel Santos, Ricardo Faia, Pedro Faria, Zita Vale, "Reduction of the market splitting occurrences: A Dynamic Line Rating approach for the 2030 Iberian day-ahead market scenarios", 10th International Conference on the European Energy Market (EEM), Istanbul, Turkey, 2024	Istanbul, Turkey	10-06-2024 to 12-06-2024	LNEG		✓	✓				✓	✓	✓	
SCP	Hugo Algarvio, António Couto, Ana Estanqueiro, "A double pricing and penalties Separated imbalance settlement mechanism to incentive self-balancing of market parties", 10th International Conference on the European Energy Market (EEM), Istanbul, Turkey, 2024	Istanbul, Turkey		Imperial		✓	✓				✓	✓	✓	
SCP	Hugo Algarvio, António Couto, Ana Estanqueiro, "A methodology for dynamic procurement of secondary reserve capacity in power systems with significant vRES penetrations", 10th International Conference on the European Energy Market (EEM), Istanbul, Turkey, 2024	Istanbul, Turkey		LNEG		✓	✓				✓	✓	✓	
SCP	Nikolaos Chrysanthopoulos, Yuen Yin Chan, Goran Strbac. Local Energy Markets: Structural elements and the effects of upscaling", 10th International Conference on the European Energy Market (EEM), Istanbul, Turkey, 2024	Istanbul, Turkey		Imperial		✓	✓				✓	✓	✓	
SCP	Johannes Kochems; Evelyn Sperber; Kristina Nienhaus; Christoph Schimeczek, "Market Designs, Actor Decisions and Market Values: Assessment of Remuneration Mechanisms for Future Electricity System Scenarios," 2024 20th International Conference on the European Energy Market (EEM), Istanbul, Turkiye, 2024, pp. 1-6, doi: 10.1109/EEM60825.2024.10608886.	Istanbul, Turkey		DLR		✓	✓				✓	✓	✓	

Dissemination Activity					Target Groups Reached									
Event type	Description	Location	Event date	Main Responsible partner	C	P	N	G	L	T	R	A	V	O
PCP	Hugo Algarvio, António Couto, Ana Estanqueiro, Rui Carvalho, Gabriel Santos, Ricardo Faia, Pedro Faria, Zita Vale, "Reduction of the Market Splitting Occurrences: A Dynamic Line Rating Approach for the 2030 Iberian Day-ahead Market Scenarios," 2024 20th International Conference on the European Energy Market (EEM), Istanbul, Turkiye, 2024, pp. 1-6, doi: 10.1109/EEM60825.2024.10608899.	Istanbul, Turkey	08-08-2024	LNEG		✓	✓				✓	✓	✓	
PCP	Hugo Algarvio, António Couto, Ana Estanqueiro, "A Double Pricing and Penalties "Separated" Imbalance Settlement Mechanism to Incentive Self Balancing of Market Parties," 2024 20th International Conference on the European Energy Market (EEM), Istanbul, Turkiye, 2024, pp. 1-6, doi: 10.1109/EEM60825.2024.10609005.	Istanbul, Turkey	08-08-2024	LNEG		✓	✓				✓	✓	✓	
PCP	Hugo Algarvio, António Couto, Ana Estanqueiro, "A Methodology for Dynamic Procurement of Secondary Reserve Capacity in Power Systems with Significant vRES Penetrations," 2024 20th International Conference on the European Energy Market (EEM), Istanbul, Turkiye, 2024, pp. 1-6, doi: 10.1109/EEM60825.2024.10608904.	Istanbul, Turkey	08-08-2024	LNEG		✓	✓				✓	✓	✓	
PCP	Nikolaos Chrysanthopoulos, Yuen Yin Chan, Goran Strbac, "Local Energy Markets: Structural Elements and the Effects of Upscaling," 2024 20th International Conference on the European Energy Market (EEM), Istanbul, Turkiye, 2024, pp. 1-6, doi: 10.1109/EEM60825.2024.10608847.	Istanbul, Turkey	08-08-2024	Imperial		✓	✓				✓	✓	✓	
PCP	Johannes Kochems; Evelyn Sperber; Kristina Nienhaus; Christoph Schimeczek, ""Market Designs, Actor Decisions and Market Values: Assessment of Remuneration Mechanisms for Future Electricity System Scenarios," 2024 20th International Conference on the European Energy Market (EEM), Istanbul, Turkiye, 2024, pp. 1-6, doi: 10.1109/EEM60825.2024.10608886..	Istanbul, Turkey	08-08-2024	DLR		✓	✓				✓	✓	✓	
P.C	8th International Hybrid Power Plants & Systems Workshop https://hybridpowersystems.org/	Azores, Portugal	14-05-2024	LNEG		✓	✓				✓	✓	✓	




Dissemination Activity					Target Groups Reached									
Event type	Description	Location	Event date	Main Responsible partner	C	P	N	G	L	T	R	A	V	O
SCP	António Couto, Hugo Algarvio, Ana Estanqueiro, "Increase the value of hybrid power plants in the electricity markets using probabilistic forecasts"	Azores, Portugal	14-05-2024	LNEG		✓	✓				✓	✓	✓	
SCP	Pedro Faria, Zita Vale, Energy Management in Energy Communities With Participation in MIBEL	Azores, Portugal	14-05-2024	ISEP		✓	✓				✓	✓	✓	
SCP	Nikolaos Chrysanthopoulos, Dawei Qiu, Goran Strbac. Local Energy Communities: Enhancing Collective Investments and Profitability of Distributed Energy Resources. 8th Hybrid Power Plants & Systems Workshop, Azores, Portugal, 2024	Azores, Portugal	14-05-2024	Imperial		✓	✓				✓	✓	✓	
PCP	António Couto, Hugo Algarvio, Ana Estanqueiro, "An optimized probabilistic forecasting approach for hybridized wind power plants," 8th International Hybrid Power Plants & Systems Workshop (HYB 2024), Hybrid Conference, Azores, Portugal, 2024, pp. 295-301. DOI 10.1049/icp.2024.1852.	Azores, Portugal	30-08-2024	LNEG		✓	✓				✓	✓	✓	
PCP	Meysam Khojasteh, Bruno Canizes, Gabriel Santos, Pedro Faria, Zita Vale, "Energy management in energy communities with participation in MIBEL," 8th International Hybrid Power Plants & Systems Workshop (HYB 2024), Hybrid Conference, Azores, Portugal, 2024, pp. 302-307. DOI 10.1049/icp.2024.1853.	Azores, Portugal	30-08-2024	ISEP		✓	✓				✓	✓	✓	
PCP	Nikolaos Chrysanthopoulos, Dawei Qiu, Goran Strbac, "Local energy communities: enhancing collective investments and profitability of distributed energy resources," 8th International Hybrid Power Plants & Systems Workshop (HYB 2024), Hybrid Conference, Azores, Portugal, 2024, pp. 289-294. DOI 10.1049/icp.2024.1851.	Azores, Portugal	30-08-2024	Imperial		✓	✓				✓	✓	✓	
THE	PhD Thesis: Heliistö Niina, "Analysing flexibility in energy system investment planning".		15-03-2024	VTT							✓			

Dissemination Activity					Target Groups Reached									
Event type	Description	Location	Event date	Main Responsible partner	C	P	N	G	L	T	R	A	V	O
THE	PhD Thesis: Silke Johanndeiter, "The economics of variable renewables in wholesale markets – towards a future-proof market design".		14-11-2024	EnBW							✓			
THE	MSc Thesis: Lukas Scherzinger, Title: "Modellbasierte Analyse der Auswirkungen eines Kapazitätsmechanismus auf den deutschen Strommarkt"		30-04-2023	EnBW							✓			
THE	Phd Thesis: Ingrid Janet Sanchez Jimenez, "Capacity Remuneration Mechanisms For Decarbonized Power Systems"		(ongoing)	TU Delft							✓			
THE	PhD Johannes Kochems, Title: "Lastmanagementpotentiale im deutschen Stromsystem. Einzelwirtschaftliche Bewertung gesamtwirtschaftlicher Potenzialschätzungen"		08-10-2024	DLR							✓			
THE	PhD Evelyn Sperber Title: Agent-based modelling and simulation of interactions between the electricity and heat markets using the 4xample of residential heat pumps		(ongoing)	DLR							✓			
THE	PhD António Couto, Title: Exploring Complementarity between Wind and Solar PV generation for Large-scale Integration into Power Systems		01-03-2024	LNEG							✓			
THE	MSc: Catarina Marcelino. Title: Local Communities and Electricity Markets: Forecast of net consumption on a residential scale. Started to write his Master Thesis		2024	LNEG							✓			
THE	MSc: Rodrigo Marias, Tittle: Complementarity of wind and photovoltaic solar generation in Portugal – historical and prospective analysis.		ongoing	LNEG							✓			
THE	MSc: João Santos, Title: "Participação da geração renovável no mercado de reservas de um sistema elétrico".		2024	LNEG							✓			
THE	MSc: Vivian Sousa. "Analysis and definition of bids from variable renewable generation on electricity markets". MSc started in 2023. To conclude in 2024.		ongoing	LNEG							✓			

Dissemination Activity					Target Groups Reached									
Event type	Description	Location	Event date	Main Responsible partner	C	P	N	G	L	T	R	A	V	O
THE	MSc: Nikolaus Hellner, "Entwicklung von Gebotsstrategien für Auktionen von erneuerbaren Energien" which translates to "Development of Bidding Strategies in Auctions for Renewable Energies"		29-10-2024	DLR							✓			
PW	ABM4Energy Conference on Agent-Based Modeling for Energy Economics and Energy Policy	Freiburg, Germany	21-03-2024 to 22-03-2024	DLR		✓	✓				✓	✓	✓	
PC	ABM4Energy Conference on Agent-Based Modeling for Energy Economics and Energy Policy	Freiburg, Germany	21-03-2024 to 22-03-2024	DLR		✓	✓				✓	✓	✓	
PC	ABM4Energy Conference on Agent-Based Modeling for Energy Economics and Energy Policy	Freiburg, Germany	21-03-2024 to 22-03-2024	DLR		✓	✓				✓	✓	✓	
X	Ingrid Sanchez Jiminez (TU Delft): Capacity Mechanisms in a Decarbonized Future Power System	Freiburg, Germany	21-03-2024 to 22-03-2024	TU Delft	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
X	Johannes Kochems (DLR): Evaluating Demand Response Potentials in the climate-neutral German Power System	Freiburg, Germany	21-03-2024 to 22-03-2024	DLR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SSO	Special session of TradeRES @ IEA Wind Task 25 + Task 53 spring 2024 meeting the event has a subgroup on markets	Dublin, Ireland and online	10-04-2024 to 12-04-2024	LNEG		✓	✓				✓	✓	✓	
PC	2024 Wind & Solar Integration Workshop	Helsinki, Finland	08-10-2024 to 11-10-2024	VTT		✓	✓				✓	✓	✓	
SCP	Niina Helistö, Silke Johanndeiter, Juha Kiviluoma, "Accelerating wind power investments through lower financing costs", 23rd Wind & Solar Integration Workshop, 2024 https://cris.vtt.fi/en/publications/accelerating-wind-power-investments-through-lower-financing-costs	Helsinki, Finland	08-10-2024 to 11-10-2024	VTT		✓	✓				✓	✓	✓	

Dissemination Activity					Target Groups Reached									
Event type	Description	Location	Event date	Main Responsible partner	C	P	N	G	L	T	R	A	V	O
PCP	Niina Helistö, Silke Johanndeiter, Juha Kiviluoma, "Accelerating wind power investments through lower financing costs", 23rd Wind & Solar Integration Workshop, 2024 https://cris.vtt.fi/en/publications/accelerating-wind-power-investments-through-lower-financing-costs	Helsinki, Finland	08-10-2024 to 11-10-2024	VTT		✓	✓				✓	✓	✓	
PC	IAEE 45th INTERNATIONAL CONFERENCE ISTANBUL 2024	Istanbul, Turkey	25-06-2024 to 28-06-2024	TU Delft		✓	✓				✓	✓	✓	
K	The presentation was titled " Capacity Remuneration Mechanisms for a Future Decarbonized Power System"	Istanbul, Turkey	25-06-2024 to 28-06-2024	TU Delft	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRC	https://www.lneg.pt/en/outcomes-of-the-on-electricity-market-designs-and-products-for-five-case-studies-were-presented-to-the-traderes-advisory-board-2/		11-11-2024	LNEG	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRC	https://www.dlr.de/de/ve/aktuelles/nachrichten/archiv/2024/bewertung-von-foerderinstrumenten-im-projekt-traderes			DLR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRC	https://isep.ipp.pt/New/ViewNew/7240		29-11-2024	ISEP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRC	https://www.enlitia.com/resources-blog-post/enhancing-wind-power-forecasting-for-day-ahead-markets-identifying-the-optimal-meteorological-parameters-for-maximum-energy-yield		28-11-2024	ENLITIA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRC	https://www.vttresearch.com/en/project_news/exploring-fully-decarbonised-european-electricity-market		13-11-2024	VTT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PC	International Ruhr Energy Conference 2024 https://www.inrec.wiwi.uni-due.de/	Essen, Germany	27-08-2024 to 28-08-2024	ISEP		✓	✓				✓	✓	✓	

Dissemination Activity					Target Groups Reached									
Event type	Description	Location	Event date	Main Responsible partner	C	P	N	G	L	T	R	A	V	O
K	Prof. Dr. Zita Vale, Polytechnic of Porto, School of Engineering; Applied Energy (APEN) Elsevier https://www.inrec.wiwi.uni-due.de/keynote-speaker/	Essen, Germany	27-08-2024 to 28-08-2024	ISEP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SSJ	S. Johanndeiter, N. Helistö and Valentin Bersch to the Resource & Energy Economics, "Does the difference make a difference? Evaluating Contracts for Difference design in a fully decarbonized European electricity market", Journal Energy Policy		25-03-2024	EnBW							✓			
O	🚀 Exciting News! 🚀 The newest version of the TradeRES database is now available on Zenodo! Explore valuable resources for professionals, researchers, and enthusiasts. 📄 Download for free: https://zenodo.org/records/10692698 #Database #Research #Innovation	Online	18-03-2024	VTT		✓	✓				✓	✓	✓	
PC	EURO 2024 , 33rd European Conference on Operational Research https://euro2024cph.dk/	Copenhagen, Denmark	30-06-2024 to 03-07-2024	EnBW		✓	✓				✓	✓	✓	
SSO	Silke Johanndeiter (chair). Special session organized, MC-9: New Market Designs & Models for 100% Renewable Power Systems.	Copenhagen, Denmark	30-06-2024 to 03-07-2024	EnBW		✓	✓				✓	✓	✓	
K	Submitted abstract only (not paper): Eric Harrison, Topi Rasku, Juha Kiviluoma, "Economic benefits of residential heating and cooling flexibility: consumer and system perspective"	Copenhagen, Denmark	30-06-2024 to 03-07-2024	VTT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K	Submitted abstract only (not paper): Johannes Kochems, Evelyn Sperber, Christoph Schimeczek, Kristina Nienhaus, "Assessing market effects of support instruments for renewables: Are they needed and how to design them?"	Copenhagen, Denmark	30-06-2024 to 03-07-2024	DLR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K	Submitted abstract only (not paper): Hugo Algarvio, António Couto, Fernando Lopes, Ana Estanqueiro, "The reform of Balancing Markets: Insights from Portugal and Spain"	Copenhagen, Denmark	30-06-2024 to 03-07-2024	LNEG	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Dissemination Activity						Target Groups Reached									
Event type	Description	Location	Event date	Main Responsible partner	C	P	N	G	L	T	R	A	V	O	
K	Submitted abstract only (not paper): Silke Johanndeiter, Niina Helistö, Juha Kiviluoma, Valentin Bertsch, "Price formation and intersectoral distributional effects in a fully decarbonized European electricity market"	Copenhagen, Denmark	30-06-2024 to 03-07-2024	EnBW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
PW	Joint PhD Workshop PSI-LEA, the Chair for Energy Systems Analysis at ETH Zürich, and the Chair of Energy Systems and Energy Economics at Ruhr-Universität Bochum	Rastatt	17-07-2024 to 19-07-2024	EnBW		✓	✓				✓	✓	✓		
PW	ICEBERG Interim Workshop: Scalable Optimization of Power Systems with Flexible Demand and Renewable Supply https://ap-rg.eu/events/iceberg-interim-workshop/	Athens, Greece	13-06-2024 to 14-06-2024	Imperial		✓	✓				✓	✓	✓		
PC	22nd International Conference on Intelligent Systems Applications to Power Systems	Budapest, Hungary	16-09-2024 to 19-09-2024			✓	✓				✓	✓	✓		
K	António Couto, Hugo Algarvio, Ana Estanqueiro: "Enhancing wind power plants value in electricity markets through hybridization"	Budapest, Hungary			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
PC	 Our team presented a pivotal study at the ECEMP 2024 conference, titled "Assessments of Market Designs and Market Values in TradeRES Considering Actor Decisions." This presentation delved into market designs and their impacts within the TradeRES project, focusing on how market values are impacted by support policies.   For more details, access the full publication: https://elib.dlr.de/207779/Other events: #ECEMP #Energy #Transition #Market #Design	Online	16-10-2024 to 17-10-2024	DLR		✓	✓				✓	✓	✓		
K	German Case Study at the ECEMP 2024 with the presentation title "Assessments of Market Designs and Market Values in TradeRES Considering Actor Decisions" https://elib.dlr.de/207779/	Online	16-10-2024 to 17-10-2024	DLR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

Dissemination Activity					Target Groups Reached									
Event type	Description	Location	Event date	Main Responsible partner	C	P	N	G	L	T	R	A	V	O
WO	🚀 News! 🚀 We are happy to announce that our latest deliverable is now available: "Characterization of New Flexible Players"! 🌟 This report analyzes electricity market actors by identifying classes and characterizing their behavior and operations, focusing on traditional and new roles in flexible technologies, with key insights. Key actors include Prosumers, Producers, Suppliers, Aggregators, Traders, ESCo, Operators, and Regulators. Access the file for free here: https://traderes.eu/release-of-deliverable-3-2-2nd-edition/ #Energy #Energy #Market #Prosumers #Consumers #Suppliers #Aggregators #Traders #TradeRES #H2020 #Research #Innovation			LNEG	✓	✓	✓		✓	✓	✓	✓	✓	✓
WO	📢 New Deliverable! Another deliverable released, "Performance Assessment of Current and New Market Designs and Trading Mechanisms for Local Energy Communities (Case Study A)" ⚡🌍 This deliverable explores the crucial role of Local Energy Communities and Local Energy Markets in this transformation. By enabling consumers to produce, consume, store, and trade energy locally, LECs and LEMs aim to enhance both energy efficiency and system resilience.			Imperial	✓	✓	✓		✓	✓	✓	✓	✓	✓
O	MODES Project: Market Organization of the Dutch Energy System. follow-up on TradeRES, for Netherlands			TU Delft		✓	✓				✓	✓	✓	
PW	EERA JPs ESI & e3s workshops	Kaunas, Lithuania	03-06-2024 to 06-06-2024	TU Delft		✓	✓				✓	✓	✓	
PW	Participation in LARS Autumn school of the Florence School of Regulation, with participants plus several instructors https://fsr.eui.eu/course/loyola-autumn-research-school-lars/	Florence, Italy	18-09-2024 to 20-09-2024	EnBW		✓	✓				✓	✓	✓	
SSJ	Sperber, E.; Schimeczek, C.; Frey, U.; Cao, K.K; Bertsch, V.:Aligning heat pump operation with market signals: a win-win scenario for the electricity market and its actors? Energy Reports		18-09-2024 to 20-09-2024	DLR							✓			

Dissemination Activity					Target Groups Reached									
Event type	Description	Location	Event date	Main Responsible partner	C	P	N	G	L	T	R	A	V	O
PSJ	Under publication in 2025 Sperber, E.; Schimeczek, C.; Frey, U.; Cao, K.K; Bertsch, V.:Aligning heat pump operation with market signals: a win-win scenario for the electricity market and its actors? Energy Reports		01-09-2024								✓			
PC	ITISE 2024 Isabel Preto, António Couto, Ricardo Faria, Hugo Algarvio, Duarte Lopes and Ana Estanqueiro, "Enhanced Renewable Power Forecasting through NWP and Historical Power Data Integration" https://itise.ugr.es/	Canaria, Spain	15-07-2024 to 17-07-2024	ENLITIA		✓	✓				✓	✓	✓	
K	Presentation at ITISE 2024	Canaria, Spain	15-07-2024 to 17-07-2024	ENLITIA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SSJ	Ingrid Sanchez, Kenneth Bruninx, Laurens de Vries, "Capacity Remuneration Mechanisms for a Future Decarbonized Power System", Applied Energy		10-10-2024	TU Delft							✓			
PSJ	Publishing after projects ends, Ingrid Sanchez, Kenneth Bruninx, Laurens de Vries, "Capacity Remuneration Mechanisms for a Future Decarbonized Power System", Applied Energy			TU Delft							✓			
SSJ	Ingrid Sanchez, David Ribó-Pérez, Milos Cvetkovic, Johannes Kochems, Christoph Schimeczek, Laurens .J. de Vries, "Can an energy only market enable resource adequacy in a decarbonized power system? A co-simulation with two agent-based-models", Applied Energy, April 2024. https://doi.org/10.1016/j.apenergy.2024.122695			TU Delft							✓			
PSJ	Ingrid Sanchez, David Ribó-Pérez, Milos Cvetkovic, Johannes Kochems, Christoph Schimeczek, Laurens .J. de Vries, "Can an energy only market enable resource adequacy in a decarbonized power system? A co-simulation with two agent-based-models", Applied Energy, April 2024. https://doi.org/10.1016/j.apenergy.2024.122695		15-04-2024	TU Delft							✓			
PC	33 Young Energy Economists and Engineers Seminar (YEEES). Capacity Mechanisms in a Decarbonized Future Power System.	Leuven, Belgium	30-05-2024 to 31-05-2024	TU Delft		✓	✓				✓	✓	✓	

Dissemination Activity					Target Groups Reached									
Event type	Description	Location	Event date	Main Responsible partner	C	P	N	G	L	T	R	A	V	O
WP	https://www.lneg.pt/project/traderes/			LNEG	✓	✓	✓		✓	✓	✓	✓	✓	✓
WP	https://www.bitunitor.com/#projects			bitYoga	✓	✓	✓		✓	✓	✓	✓	✓	✓
WP	https://www.dlr.de/en/ve/research-and-transfer/projects/project-traderes			DLR	✓	✓	✓		✓	✓	✓	✓	✓	✓
WP	https://www.enbw.com/unternehmen/konzern/forschung/			EnBW	✓	✓	✓		✓	✓	✓	✓	✓	✓
WP	https://www.imperial.ac.uk/electrical-engineering/research/control-and-power/research/traderes/			Imperial	✓	✓	✓		✓	✓	✓	✓	✓	✓
WP	https://www.isep.ipp.pt/New/ViewNew/6343			ISEP	✓	✓	✓		✓	✓	✓	✓	✓	✓
WP	https://www.enlitia.com/resources-blog-post/traderes-new-markets-design-models-for-100-renewable-power-systems			ENLITIA	✓	✓	✓		✓	✓	✓	✓	✓	✓
WP	https://www.tno.nl/en/collaboration/international/european-projects/			TNO	✓	✓	✓		✓	✓	✓	✓	✓	✓
WP	https://www.tudelft.nl/ewi/over-de-faculteit/afdelingen/electrical-sustainable-energy/intelligent-electrical-power-grids-iepg-group/projects/current-projects/traderes and https://www.tudelft.nl/en/tpm/our-faculty/departments/engineering-systems-and-services/people/phd-candidates/ij-ingrid-janet-sanchez-jimenez			TU Delft	✓	✓	✓		✓	✓	✓	✓	✓	✓

Dissemination Activity					Target Groups Reached									
Event type	Description	Location	Event date	Main Responsible partner	C	P	N	G	L	T	R	A	V	O
WP	https://cris.vtt.fi/en/projects/new-markets-design-models-for-100-renewable-power-systems			VTT	✓	✓	✓		✓	✓	✓	✓	✓	✓
PRC	PT: https://www.lneg.pt/consorcio-do-projeto-traderes-apresenta-os-resultados-de-5-casos-de-estudo-de-mercados-de-energia-ao-seu-conselho-consultivo/		02-08-2024	LNEG	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRC	https://www.isep.ipp.pt/New/ViewNew/7220		10-11-2024	ISEP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
O	Last week in Porto, we held the final project meeting with the Steering Committee and the consortium partners. We discussed the results achieved so far and reviewed each work package to ensure everything was on track for the final phase. We're confident these discussions have set a solid foundation for the project's closing.	Porto, Portugal	23-10-2024 to 24-10-2024	ISEP		✓	✓				✓	✓	✓	
SSJ	Meysam Khojasteh , Pedro Faria , Zita Vale, "Adaptive robust strategy for energy and regulation Service Management in Local Energy Communities", Applied Energy, January 2025 DOI: https://doi.org/10.1016/j.apenergy.2024.124648		19-06-2024	ISEP							✓			
O	🌐 Our deliverable D5.4 is now available for free! The D5.4 Pan-European Wholesale Electricity report assesses future electricity market performance under various scenarios, focusing on price dynamics and the profitability of renewables. It explores market designs and trading mechanisms across Europe, providing key insights for a decarbonized energy system.			-	✓	✓	✓		✓	✓	✓	✓	✓	✓
O	"📄 D6.3 Tutorial and Edited Webinar Materials Now Available for Download! The D6.3 deliverable compiles edited materials from tutorials and webinars, supporting stakeholders in using the tools developed in the project. It offers video guides, user manuals, and interactive resources tailored to different expertise levels.			-	✓	✓	✓		✓	✓	✓	✓	✓	✓

Dissemination Activity					Target Groups Reached									
Event type	Description	Location	Event date	Main Responsible partner	C	P	N	G	L	T	R	A	V	O
PSJ	Meysam Khojasteh , Pedro Faria , Zita Vale, "Adaptive robust strategy for energy and regulation Service Management in Local Energy Communities", Applied Energy, January 2025 DOI: https://doi.org/10.1016/j.apenergy.2024.124648		09-10-2024	ISEP							✓			
SIJ	Johannes Kochems, Kristina Nienhaus, Evelyn Sperber und Christoph Schimeczek, "Förderinstrumente für erneuerbare Energien auf dem Prüfstand: Erkenntnisse des europäischen Forschungsprojekts TradeRES", et – Energiewirtschaftliche Tagesfragen, volume 74, 11, 2024. ISSN 0720-6240			DLR		✓	✓					✓	✓	✓
PIJ	Johannes Kochems, Kristina Nienhaus, Evelyn Sperber und Christoph Schimeczek, "Förderinstrumente für erneuerbare Energien auf dem Prüfstand: Erkenntnisse des europäischen Forschungsprojekts TradeRES", et – Energiewirtschaftliche Tagesfragen, volume 74, 11, 2024, ISSN 0720-6240			DLR		✓	✓					✓	✓	✓
OW	Final TradeRES Webinar	Online	19-11-2024	ISEP / LNEG	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
O	Recordings available - Final TradeRES Webinar	Online				✓	✓				✓	✓	✓	
F	Digital flyer V2			ISEP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
N	Newsletter 9			LNEG / ISEP		✓	✓				✓	✓	✓	
PSJ	Submission will be one week after end the project Eric Harrison, Topi Rasku, Juha Kiviluoma, "Title: Globally and locally optimised wide-scale residential demand response: cost savings potential and impacts on hydropower reservoir levels", Energy, Elsevier			VTT							✓			

Dissemination Activity						Target Groups Reached									
Event type	Description	Location	Event date	Main Responsible partner	C	P	N	G	L	T	R	A	V	O	
PC	After project ends EEM With 4 papers submitted	Lisbon, Portugal	27-05-2025 to 29-05-2025	LNEG		✓	✓				✓	✓	✓		
SCP	After project ends EEM (1/4) LNEG and ISEP			LNEG		✓	✓				✓	✓	✓		
SCP	After project ends EEM (2/4) LNEG and ISEP			LNEG		✓	✓				✓	✓	✓		
SCP	After project ends EEM (3/4) LNEG and ISEP			LNEG		✓	✓				✓	✓	✓		
SCP	After project ends EEM (4/4) ISEP			ISEP		✓	✓				✓	✓	✓		
PCP	After project ends EEM (1/4) LNEG and ISEP			LNEG		✓	✓				✓	✓	✓		
PCP	After project ends EEM (2/4) LNEG and ISEP			LNEG		✓	✓				✓	✓	✓		
PCP	After project ends (3/4) LNEG and ISEP			LNEG		✓	✓				✓	✓	✓		
PCP	After project ends EEM (4/4)			ISEP		✓	✓				✓	✓	✓		

Dissemination Activity					Target Groups Reached									
Event type	Description	Location	Event date	Main Responsible partner	C	P	N	G	L	T	R	A	V	O
SSJ	After project ends publication related with Energy Markets' design. Outcomes of the TradeRES project, MDPI			LNEG							✓			
PSJ	After project ends publication related with Energy Markets' design. Outcomes of the TradeRES project, MDPI			LNEG							✓			
SSJ	Prediction to submission: first weeks of December 2024 Eric Harrison, Topi Rasku, Juha Kiviluoma, "Globally and locally optimised wide-scale residential demand response: cost savings potential and impacts on hydropower reservoir levels," to be submitted to Energy (Elsevier) in December 2024.			VTT							✓			
SSJ	Ingrid Sanchez, Kenneth Bruninx, Laurens de Vries, "Capacity Remuneration Mechanisms for Decarbonized Power Systems" 2024, https://dx.doi.org/10.2139/ssrn.4983282			TU Delft							✓			

4. Public Deliverables

During the project, most of the foreseen and developed deliverables are public and were of utmost importance for the high dissemination level of the outcomes. All the public deliverables can be downloaded from the TradeRES website [2].

Table 9 presents the deliverables' list and the corresponding state (published ("✓"), not published ("x"), or not available or not applicable ("N/A") following the established classification for this end.

Table 9 List of Public Deliverables

Deliverable Number	Deliverable Title	WP Number	Lead Beneficiary	Type	Due Date (month)	Status
D2.1	D2.1 – A database of TradeRES scenarios (Ed. 1 and Ed. 2)	WP2	VTT	Other	9, 32	✓
D2.2	D2.2 – A description of improvements in the system optimization models used in the TradeRES project	WP2	TNO	Report	26	✓
D2.3	D2.3 – How to use TradeRES optimization models database	WP2	VTT	Report	32	✓
D3.1	D3.1 – Performance specifications for a ~ 100% RES system	WP3	TU Delft	Report	13	✓
D3.2	D3.2 – Characterization of new flexible players (Ed. 1 and Ed. 2)	WP3	Imperial	Report	17, 47	✓
D3.3	D3.3 – Design of ancillary service markets and products	WP3	TNO	Report	17	✓
D3.4	D3.4 – Market design choices for efficient sector integration	WP3	VTT	Report	12	✓
D3.5	D3.5 – Market design for a reliable ~100% renewable electricity system (Ed. 1, Ed. 2, and Ed. 3)	WP3	TU Delft	Report	12, 36, 57	✓
D4.2	D4.1.2 – Sectoral flexibility options in electricity market simulation models	WP4	VTT	Report	21	✓
D4.3	D4.1.3 – Spatial flexibility options in electricity market simulation models	WP4	ISEP	Report	21	✓

Deliverable Number	Deliverable Title	WP Number	Lead Beneficiary	Type	Due Date (month)	Status
D4.4	D4.2.1 – New actor types in electricity market simulation models (Ed. 1 and Ed. 2)	WP4	Imperial	Report	19, 29	✓
D4.5	D4.2.2 – New market designs in electricity market simulation models (Ed. 1 and Ed. 2)	WP4	TU Delft	Report	19, 29	✓
D4.7	D4.3.2 – Principles and usage of a multi-simulation electricity market tool (Ed. 1 and Ed. 2)	WP4	TU Delft	Report	11, 48	✓
D4.8	D4.3 – Open-access tool of linked electricity market model (Ed. 1 and Ed. 2)	WP4	VTT	Other	21, 48	✓
D4.9	D4.4 – New forecast tools to enhance the value of VRE on the electricity markets (Ed. 1 and Ed. 2)	WP4	LNEG	Report	21, 48	✓
D5.2	D5.2 – Performance assessment of current and new market designs and trading mechanisms for Local Energy Communities (Case Study A) (Ed. 1 and Ed. 2)	WP5	BY	Report	31, 52	✓
D5.3	D5.3 – Performance assessment of current and new market designs and trading mechanisms for National and Regional Markets (Ed. 1 and Ed. 2)	WP5	LNEG	Report	34, 57	✓
D5.3	D5.3 – Performance assessment of current and new market designs and trading mechanisms for National and Regional Markets (Ed. 1 and Ed. 2)	WP5	LNEG	Report	34, 57	✓
D5.4	Performance assessment of current and new market designs and trading mechanisms for a Pan-European wholesale electricity market (Case study E)	WP5	EnBW	Report	56	✓
D5.5	D5.5 – Comparative analysis of market designs	WP5	ISEP	Report	58	✓
D6.2	D6.2.1 – User guide for TradeRES models and tools (Ed. 1 and Ed. 2)	WP6	ISEP	Report	25, 48	✓

Deliverable Number	Deliverable Title	WP Number	Lead Beneficiary	Type	Due Date (month)	Status
D6.3	D6.2.2 – Tutorial and webinar edited material (Ed. 1 and Ed. 2)	WP6	ISEP	Report	27, 50	✓
D6.5	D6.4 – Recommendations for market trading in a ~100% power system	WP6	Bityoga / Bitunitor	Report	58	✓
D7.1	D7.1 – Project website	WP7	Smartwatt / ENLTIA	Websites, patents filing, etc.	3	✓
D7.3	D7.3 – TradeRES Data Management Plan DMP Report	WP7	ISEP	ORDP: Open Research Data Pilot	6	✓
D7.4a	D7.4 – Dissemination Activity Report	WP7	LNEG	Report	13	✓
D7.4b	D7.4 – Dissemination Activity Report	WP7	LNEG	Report	24	✓
D7.4c	D7.4 – Dissemination Activity Report	WP7	LNEG	Report	37	✓
D7.4d	D7.4 – Dissemination Activity Report	WP7	LNEG	Report	48	✓
D7.4e	D7.4 – Dissemination Activity Report	WP7	LNEG	Report	58	✓ ⁵

⁵ This deliverable, D7.4d, will be available after submission.

5. Key Performance Indicators (KPI)

This Chapter presents the key performance indicators to evaluate the overall performance of the project. The KPI's were previously presented in the deliverable D7.2, Initial Dissemination and Exploitation Plan and maintained until the end of the project. Table 10 and Table 11 present the overall information about these indicators. The column “5th year achieved” shows the actual accomplishment in the 5th year of the project and the columns “Overall target” and “Overall status” show, respectively, the project’s targets and if they were accomplished at the end of the project. The symbology used is: accomplished (“√”); not accomplished (“x”); or not available/not applicable (“N/A”).

Table 10 Fulfilment indicators.

KPI	Stakeholder addressed	5th Year Target	5th Year Achieved	5th Year Status	Overall Target	Overall Achieved	Overall Status
Dissemination plan	ISEP	-	-	√	1	1	√
Dissemination activity report	LNEG	-	1	√	4	5	√
Project logotype	ISEP	-	-	√	1	1	√
Project website [4]	Smartwatt / ENLITIA	-	-	√	1	1	√
Project Wordpress blog [5]	ISEP	-	-	√	1	1	√
LinkedIn project page [6]	ISEP	-	-	√	1	1	√
Twitter/X project page [7]	ISEP	-	-	√	1	1	√
Facebook project page [8]	ISEP	-	-	√	1	1	√
YouTube project page [9]	ISEP	-	-	-	0	1	√
ResearchGate page ⁶	ISEP	N/A	N/A	N/A	N/A	N/A	N/A
Market Design Web Decision Tool	All	1	1	√	1	1	√

⁶ As mentioned in the previous editions of this deliverable, the ResearchGate project pages have been discontinued on the platform.

Table 11 Dissemination KPIs.

KPI	Stakeholder addressed	1st Year Achieved	2nd Year Achieved	3rd Year Achieved	4th Year Achieved	5th Year Achieved	Total Target	Total Done	Status
Press release and press conference	All	1	2	0	0	6	8	9	✓
Flyer	All	1	0	2	1	1	2	5	✓
Communication Campaign (e.g., Radio, TV, journals, etc.)	C, P, N, L, T	1	1	0	1	0	4	3	x
Newsletter	All	2	1	3	2	1	8	9	✓
Video/Film	All except G	0	3	13	0	0	5	16	✓
No. of posts on Blog (N & E)	C, T, R	4	22	16	12	7	35	61	✓
No. of views on Blog (N & E)	C, T, R	0	43	238	143	322	375	746	✓
No. of posts on LinkedIn	P, G, A, V	7	34	47	37	37	44	162	✓
No. of views on LinkedIn	P, G, A, V	684	2276	7286	8330	4851	1400	23427	✓
No. of posts on Twitter/X	All, except R	7	33	48	37	29	44	154	✓
No. of views on Twitter/X	All, except R	1224	3502	1812	1162	247	1400	7947	✓
No. of posts on Facebook	C, L, T, O	3	12	21	26	29	36	91	✓
No. of views on Facebook	C, L, T, O	126	182	350	405	257	850	1320	✓
No. of reads ResearchGate	R	45	130	218	N/A	N/A	375	-	✓
No. of unique visitors to the public website	All	2569	3923	2983	4445	5237	2500	19157	✓
Exhibition	P, N, A, V	1	1	3	2	0	4	7	✓

KPI	Stakeholder addressed	1st Year Achieved	2nd Year Achieved	3rd Year Achieved	4th Year Achieved	5th Year Achieved	Total Target	Total Done	Status
Training (e.g. summer schools, technical schools, webinars)	All, except G	3	4	9	3	0	8	19	✓
No. Training Participants	All, except G	121	370	235	110	0	200	836	✓
Special Sessions organized in relevant international conferences	P, N, R, A, V	3	2	1	7	6	2	19	✓
No. participants in the organized special sessions	P, N, R, A, V	101	50	15	100	80	50	346	✓
Organization of Workshop	P, N, R, A, V	0	4	6	12	0	3	22	✓
No. participants in the organized Workshop	P, N, R, A, V	75	390	263	163	251	230	1142	✓
Participation to a Workshop	P, N, R, A, V	0	5	2	14	7	15	28	✓
No. participants in the Workshop	P, N, R, A, V	75	195	35	506	166	1050	977	x
Participation to a Conference	P, N, R, A, V	1	12	15	17	22	30	67	✓
No. participants reached in the Conference	P, N, R, A, V	810	1917	2905	820	726	6000	7178	✓
Participation to an Event other than a Conference or a Workshop	All	0	2	1	2	0	5	5	✓
No. participants reached in the Event other than a Conference or a Workshop	All	0	300	100	27	0	150	427	✓

KPI	Stakeholder addressed	1st Year Achieved	2nd Year Achieved	3rd Year Achieved	4th Year Achieved	5th Year Achieved	Total Target	Total Done	Status
Published scientific journals	R	2	8	13	9	8	20	40	✓
Submitted scientific journals	R	2	12	13	6	11	20	44	✓
Published industrial journals	P, N, A, V, O	0	0	2	1	1	2	4	✓
Submitted industrial journals	P, N, A, V, O	0	1	1	1	1	2	4	✓
Published conference papers	P, N, R, A, V	3	6	10	9	12	30	40	✓
Submitted conference papers	P, N, R, A, V	5	9	13	6	12	30	45	✓
Book contributions written	P, N, R, A, V	0	2	0	3	0	2	5	✓
Representations in working groups	P, N, R, A, V	3	6	6	12	0	20	27	✓
Participation in activities organized jointly with other EU project(s)	All	1	1	0	2	0	4	4	✓
Keynotes or Invited talks or presentations	-	0	0	1	16	12	-	29	-
Theses	-	0	1	2	2	8	-	13	-

Table 11, shows that almost all indicators were achieved (see last column “status”, with a “✓”), with only a couple of exceptions (with a “x”) namely: the Communication Campaign or traditional media (e.g., radio, TV, newspapers, announcements) missed by 1, and the number of participants reached in workshops short by 73 people. It was possible to

suppress the accumulated KPIs missing in the previous reports and going forward in others. Overall, the KPIs were achieved and in many cases, they were significantly surpassed, as highlighted in the columns “Total Target” and “Total Done”, for instance, the total target for Published Journal Papers was 20 publications, but this was doubled, reaching an impressive total of 40, and several other examples such as the number of LinkedIn views, website visits, special sessions organized, workshops conducted, among others. These results show the collective effort and dedication demonstrated by all TradeRES partners.

In addition, publications that will be submitted after the end of the project have been excluded (you can refer to the attached table in Annex I, for the list), and the two PhD and 2 MSc theses that will be completed in 2025 were not included in the KPIs.

The publications listed below were not included in the KPIs due to inexistence or inadequate acknowledgements, or for not having been published in open access journals.

- a) Market-Based Generation Planning with Carbon Target [10]
- b) Mean-Field Multi-Agent Reinforcement Learning for Peer-to-Peer Multi-Energy Trading [11]
- c) Risk-Sharing Contracts and risk management of bilateral contracting in electricity markets [12]
- d) Price Formation and Intersectoral Distributional Effects in a Fully Decarbonised European Electricity Market [13]

It is also important to note that publications have demonstrated significant impact, both in terms of article views and citations (for example: fluids paper 3,232 views and 10 citations [14] and in applied Energy: 70 views and 33 citations [15]). Similarly, the papers are in Zenodo (and linked to OpenAIRE), providing greater visibility and outreach. Also, regarding the KPI for conferences, all participants have access to the books of abstracts/papers published at the conference, which means that the numbers presented here are conservative and actually have a greater reach.

6. Conclusion

This report presents the dissemination activities conducted in the scope of TradeRES project during the implementation period, and according to the dissemination and exploitation plan (D7.2) established in the first stage of the project. The content here reported follows the structure of the previous versions and presents the achievements from the last year of the project and the total accumulated KPIs.

In order to give a clear view of the activities that the consortium developed to disseminate the project's progress and outcomes, this report presents, from one side, the main highlights and the moments where the work was at key stages, and from the other, the detailed information in what concerns the KPI's foreseen and achieved.

In a general way, the project was able to achieve the foreseen KPIs with some exceptions of minor importance. Also, some activities like Academic theses and keynote speeches' invitations were more frequent than expected at the proposal stage, and for that reason, considered sufficiently important to be included on the lists. It is important to note that the work developed by academic students in the scope of this project, revealed to be of extremely high quality and enabled to disseminate important aspects of the work developed by the consortium, and constitutes an important commitment to Academia and R&D sector.

All the results and outcomes of this project were disseminated on social media, but, with very few exceptions, such as LinkedIn, proved to be less effective than other dissemination activities (workshops and publications). Nevertheless, with a great effort from the dissemination team, and with special importance on the dissemination of the events organized by the consortium, the results surpassed the planned objectives.

It is also important to note that the project was able to achieve an outstanding number of scientific publications in journals, 40, and conferences, 40, which denotes the high-quality work developed by the partners. In the same way, the workshops organized for the stakeholders' involvement, proved to be a success in what concerns the received feedback since it enabled to improve and tailor the solutions proposed in the scope of TradeRES.

On the opposite, the KPIs related with Traditional Media, and the Number of Participants Reached in the workshop, were not completely achieved. The first is because the connection with traditional media can be very difficult with this type of topic that is not very well known by the public and therefore, not preferential for the standard media, and the second because the after COVID-19 period originated a "boom" in this type of events, causing a dispersion among the potential participants in this sector.

Nevertheless, and as mentioned before, facing the dissemination results obtained at the end of the project, one can consider the dissemination activities very successful, and the consortium has the guarantee that interest was raised with the organised initiatives to the relevant topics addressed in TradeRES.

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- [6] LinkedIn: <https://www.linkedin.com/company/traderes>
- [7] Twitter / X: <https://twitter.com/TradeRESproject>
- [8] Facebook: <https://www.facebook.com/TradeRESproject>
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Annex I – Detailed list of KPI

Table A1. Detailed List of KPI.

Event type	Dissemination Activity					Channels (date of the post and views)											
	Description	Location	Event date	People Reach	Main Responsible partner	Blog	Views	LinkedIn	Views	Twitter / X	Views	Facebook	Views	Research Gate	Views	Website	Views
PC	Luis Badesa, Goran Strbac, Matt Magill, Biljana Stojkovska, "Ancillary services in Great Britain during the COVID-19 lockdown: A glimpse of the carbon-free future", Applied Energy, March 2021.				Imperial												
SCP	Luis Badesa, Goran Strbac, Matt Magill, Biljana Stojkovska, "Ancillary services in Great Britain during the COVID-19 lockdown: A glimpse of the carbon-free future", Applied Energy, March 2021. https://doi.org/10.1016/j.apenergy.2021.116500				Imperial												
PCP	Débora de São José, Pedro Faria, Zita Vale, "Demand response flexibility: Forecasts and Expectations for 2030 and 2050", The 9th International Conference on Energy and Environment Research, September, 2023. https://doi.org/10.1007/978-3-031-43559-1_25			50	ISEP												
SSJ	Débora de São José, Pedro Faria, Zita Vale, "Demand response flexibility: Forecasts and Expectations for 2030 and 2050", The 9th International Conference on Energy and Environment Research, September, 2023. https://doi.org/10.1007/978-3-031-43559-1_25				ISEP												
PSJ	Débora de São José, Pedro Faria, Zita Vale, "Demand response flexibility: Forecasts and Expectations for 2030 and 2050", the 9th International Conference on Energy and Environment Research, September, 2023. https://doi.org/10.1007/978-3-031-43559-1_25				ISEP												

Dissemination Activity						Channels (date of the post and views)											
Event type	Description	Location	Event date	People Reach	Main Responsible partner	Blog	Views	LinkedIn	Views	Twitter / X	Views	Facebook	Views	Research Gate	Views	Website	Views
SSJ	Meysam Khojasteh, Pedro Faria, Fernando Lezama, Zita Vale, "A Novel Adaptive Robust Model for scheduling distributed energy resources in local electricity and flexibility markets", Applied Energy, July 2023				ISEP												
PSJ	Meysam Khojasteh, Pedro Faria, Fernando Lezama, Zita Vale, "A Novel Adaptive Robust Model for scheduling distributed energy resources in local electricity and flexibility markets", Applied Energy, July 2023 https://doi.org/10.1016/j.apenergy.2023.121144				ISEP												
PC	Meysam Khojasteh, Pedro Faria, Fernando Lezama, Zita Vale, "A Robust Model for Portfolio Management of Microgrid Operator in the Balancing Market", Energies, February 2023				ISEP												
SCP	Meysam Khojasteh, Pedro Faria, Fernando Lezama, Zita Vale, "A Robust Model for Portfolio Management of Microgrid Operator in the Balancing Market", Energies, February 2023 https://doi.org/10.3390/en16041700				ISEP												
SSJ	Christoph Schimeczek, Kristina Nienhaus, Ulrich Frey, Evelyn Sperber, Seyedfarzad Sarfarazi, Felix Nitsch, Johannes Kochems, A. Achraf El Ghazi, " AMIRIS: Agent-based Market model for the Investigation of Renewable and Integrated energy Systems. Journal of Open Source Software April 2023. https://doi.org/10.21105/joss.05041				DLR												
PSJ	Christoph Schimeczek, Kristina Nienhaus, Ulrich Frey, Evelyn Sperber, Seyedfarzad Sarfarazi, Felix Nitsch, Johannes Kochems, A. Achraf El Ghazi, " AMIRIS: Agent-based Market model for the Investigation of Renewable and Integrated energy Systems. Journal of Open Source Software April 2023. https://doi.org/10.21105/joss.05041				DLR												

Dissemination Activity						Channels (date of the post and views)											
Event type	Description	Location	Event date	People Reach	Main Responsible partner	Blog	Views	LinkedIn	Views	Twitter / X	Views	Facebook	Views	Research Gate	Views	Website	Views
PC	Tiago Pinto, Tânia Rocha, Arsénio Reis, Zita Vale, "Clustering-Based Filtering of Big Data to Improve Forecasting Effectiveness and Efficiency", 11th International Conference on Multimedia Communications, Services and Security (MCSS), November, 2022. https://doi.org/10.1007/978-3-031-20215-5_12			60	ISEP												
SCP	Tiago Pinto, Tânia Rocha, Arsénio Reis, Zita Vale, "Clustering-Based Filtering of Big Data to Improve Forecasting Effectiveness and Efficiency", 11th International Conference on Multimedia Communications, Services and Security (MCSS), November, 2022. https://doi.org/10.1007/978-3-031-20215-5_12				ISEP												
PCP	Tiago Pinto, Tânia Rocha, Arsénio Reis, Zita Vale, "Clustering-Based Filtering of Big Data to Improve Forecasting Effectiveness and Efficiency", 11th International Conference on Multimedia Communications, Services and Security (MCSS), November, 2022. https://doi.org/10.1007/978-3-031-20215-5_12				ISEP												
PC	Meysam Khojasteh, Pedro Faria, Zita Vale, "A Robust Strategy for Energy Management in Local Energy Communities", International Conference on Applied Energy (ICAE)	Doha, Qatar	03-12-2023 to 07-12-2023	40	ISEP												
SCP	Meysam Khojasteh, Pedro Faria, Zita Vale, "A Robust Strategy for Energy Management in Local Energy Communities", International Conference on Applied Energy (ICAE)				ISEP												

Dissemination Activity						Channels (date of the post and views)											
Event type	Description	Location	Event date	People Reach	Main Responsible partner	Blog	Views	LinkedIn	Views	Twitter / X	Views	Facebook	Views	Research Gate	Views	Website	Views
PCP	Meysam Khojasteh, Pedro Faria, Zita Vale, "A Robust Strategy for Energy Management in Local Energy Communities", International Conference on Applied Energy (ICAE) https://doi.org/10.46855/energy-proceedings-11069				ISEP												
SSJ	Dawei Qiu, Zihang Dong, Guangchun Ruan, Haiwang Zhong, Goran Strbac, Chongqing Kang, "Strategic retail pricing and demand bidding of retailers in electricity market: A data-driven chance-constrained programming", Advances in Applied Energy, Volume 7, September 2022.		01-09-2022		Imperial												
PSJ	Dawei Qiu, Zihang Dong, Guangchun Ruan, Haiwang Zhong, Goran Strbac, Chongqing Kang, "Strategic retail pricing and demand bidding of retailers in electricity market: A data-driven chance-constrained programming", Advances in Applied Energy, Volume 7, September 2022 https://doi.org/10.1016/j.adapen.2022.100100				Imperial												
SSJ	Dawei Qiu, Aimon Mirza Baig, Yi Wang, Lingling Wang, Chuanwen Jiang, Goran Strbac, "Market design for ancillary service provisions of inertia and frequency response via virtual power plants: A non-convex bi-level optimisation approach", Applied Energy, Volume 361, May 2024.		01-05-2024		Imperial												
PSJ	Dawei Qiu, Aimon Mirza Baig, Yi Wang, Lingling Wang, Chuanwen Jiang, Goran Strbac, "Market design for ancillary service provisions of inertia and frequency response via virtual power plants: A non-convex bi-level optimisation approach", Applied Energy, Volume 361, May 2024. https://doi.org/10.1016/j.apenergy.2024.122929				Imperial												

Dissemination Activity						Channels (date of the post and views)											
Event type	Description	Location	Event date	People Reach	Main Responsible partner	Blog	Views	LinkedIn	Views	Twitter / X	Views	Facebook	Views	Research Gate	Views	Website	Views
PC	20th International Conference on the European Energy Market (EEM24)	Istanbul, Turkey	10-06-2024 to 12-06-2024	146	TU Delft			✓	353	✓	13	✓	17				
SCP	Hugo Algarvio, António Couto, Ana Estanqueiro, Rui Carvalho, Gabriel Santos, Ricardo Faia, Pedro Faria, Zita Vale, "Reduction of the market splitting occurrences: A Dynamic Line Rating approach for the 2030 Iberian day-ahead market scenarios", 10th International Conference on the European Energy Market (EEM), Istanbul, Turkey, 2024	Istanbul, Turkey	10-06-2024		LNEG												
SCP	Hugo Algarvio, António Couto, Ana Estanqueiro, "A double pricing and penalties Separated imbalance settlement mechanism to incentive self-balancing of market parties", 10th International Conference on the European Energy Market (EEM), Istanbul, Turkey, 2024	Istanbul, Turkey	10-06-2024		Imperial												
SCP	Hugo Algarvio, António Couto, Ana Estanqueiro, "A methodology for dynamic procurement of secondary reserve capacity in power systems with significant vRES penetrations", 10th International Conference on the European Energy Market (EEM), Istanbul, Turkey, 2024	Istanbul, Turkey	10-06-2024		LNEG												
SCP	Nikolaos Chrysanthopoulos, Yuen Yin Chan, Goran Strbac. Local Energy Markets: Structural elements and the effects of upscaling", 10th International Conference on the European Energy Market (EEM), Istanbul, Turkey, 2024	Istanbul, Turkey	10-06-2024		Imperial												

Dissemination Activity						Channels (date of the post and views)											
Event type	Description	Location	Event date	People Reach	Main Responsible partner	Blog	Views	LinkedIn	Views	Twitter / X	Views	Facebook	Views	Research Gate	Views	Website	Views
SCP	Johannes Kochems; Evelyn Sperber; Kristina Nienhaus; Christoph Schimeczek, "Market Designs, Actor Decisions and Market Values: Assessment of Remuneration Mechanisms for Future Electricity System Scenarios," 2024 20th International Conference on the European Energy Market (EEM), Istanbul, Turkiye, 2024, pp. 1-6, doi: 10.1109/EEM60825.2024.10608886.	Istanbul, Turkey	10-06-2024		DLR												
PCP	Hugo Algarvio, António Couto, Ana Estanqueiro, Rui Carvalho, Gabriel Santos, Ricardo Faia, Pedro Faria, Zita Vale, "Reduction of the Market Splitting Occurrences: A Dynamic Line Rating Approach for the 2030 Iberian Day-ahead Market Scenarios," 2024 20th International Conference on the European Energy Market (EEM), Istanbul, Turkiye, 2024, pp. 1-6, doi: 10.1109/EEM60825.2024.10608899.	Istanbul, Turkey	08-08-2024		LNEG			✓	149	✓	3	✓	4			✓	
PCP	Hugo Algarvio, António Couto, Ana Estanqueiro, "A Double Pricing and Penalties "Separated" Imbalance Settlement Mechanism to Incentive Self Balancing of Market Parties," 2024 20th International Conference on the European Energy Market (EEM), Istanbul, Turkiye, 2024, pp. 1-6, doi: 10.1109/EEM60825.2024.10609005.	Istanbul, Turkey	08-08-2024		LNEG			✓	106	✓	2	✓	4			✓	
PCP	Hugo Algarvio, António Couto, Ana Estanqueiro, "A Methodology for Dynamic Procurement of Secondary Reserve Capacity in Power Systems with Significant vRES Penetrations," 2024 20th International Conference on the European Energy Market (EEM), Istanbul, Turkiye, 2024, pp. 1-6, doi: 10.1109/EEM60825.2024.10608904.	Istanbul, Turkey	08-08-2024		LNEG			✓	65	✓	2	✓	6			✓	

Dissemination Activity						Channels (date of the post and views)											
Event type	Description	Location	Event date	People Reach	Main Responsible partner	Blog	Views	LinkedIn	Views	Twitter / X	Views	Facebook	Views	Research Gate	Views	Website	Views
PCP	Nikolaos Chrysanthopoulos, Yuen Yin Chan, Goran Strbac, "Local Energy Markets: Structural Elements and the Effects of Upscaling," 2024 20th International Conference on the European Energy Market (EEM), Istanbul, Turkiye, 2024, pp. 1-6, doi: 10.1109/EEM60825.2024.10608847.	Istanbul, Turkey	08-08-2024		Imperial			✓	101	✓	1	✓	5			✓	
PCP	Johannes Kochems; Evelyn Sperber; Kristina Nienhaus; Christoph Schimeczek, ""Market Designs, Actor Decisions and Market Values: Assessment of Remuneration Mechanisms for Future Electricity System Scenarios," 2024 20th International Conference on the European Energy Market (EEM), Istanbul, Turkiye, 2024, pp. 1-6, doi: 10.1109/EEM60825.2024.10608886..	Istanbul, Turkey	08-08-2024		DLR			✓	121	✓	2	✓	7			✓	
PC	8th International Hybrid Power Plants & Systems Workshop https://hybridpowersystems.org/	Azores, Portugal	14-05-2024	100	LNEG												
SCP	António Couto, Hugo Algarvio, Ana Estanqueiro, "Increase the value of hybrid power plants in the electricity markets using probabilistic forecasts"	Azores, Portugal	14-05-2024		LNEG												
SCP	Pedro Faria, Zita Vale, Energy Management in Energy Communities With Participation in MIBEL	Azores, Portugal	14-05-2024		ISEP												
SCP	Nikolaos Chrysanthopoulos, Dawei Qiu, Goran Strbac. Local Energy Communities: Enhancing Collective Investments and Profitability of Distributed Energy Resources. 8th Hybrid Power Plants & Systems Workshop, Azores, Portugal, 2024	Azores, Portugal	14-05-2024		Imperial												

Dissemination Activity						Channels (date of the post and views)											
Event type	Description	Location	Event date	People Reach	Main Responsible partner	Blog	Views	LinkedIn	Views	Twitter / X	Views	Facebook	Views	Research Gate	Views	Website	Views
PCP	António Couto, Hugo Algarvio, Ana Estanqueiro, "An optimized probabilistic forecasting approach for hybridized wind power plants," 8th International Hybrid Power Plants & Systems Workshop (HYB 2024), Hybrid Conference, Azores, Portugal, 2024, pp. 295-301. DOI 10.1049/icp.2024.1852.	Azores, Portugal	30-08-2024	22	LNEG	✓		✓	46	✓	2	✓	5			✓	
PCP	Meysam Khojasteh, Bruno Canizes, Gabriel Santos, Pedro Faria, Zita Vale, "Energy management in energy communities with participation in MIBEL," 8th International Hybrid Power Plants & Systems Workshop (HYB 2024), Hybrid Conference, Azores, Portugal, 2024, pp. 302-307. DOI 10.1049/icp.2024.1853.	Azores, Portugal	30-08-2024	20	ISEP	✓		✓	89	✓	3	✓	5			✓	
PCP	Nikolaos Chrysanthopoulos, Dawei Qiu, Goran Strbac, "Local energy communities: enhancing collective investments and profitability of distributed energy resources," 8th International Hybrid Power Plants & Systems Workshop (HYB 2024), Hybrid Conference, Azores, Portugal, 2024, pp. 289-294. DOI 10.1049/icp.2024.1851.	Azores, Portugal	30-08-2024	22	Imperial	✓		✓	67	✓	2	✓	10			✓	
THE	PhD Thesis: Helistö Niina, "Analysing flexibility in energy system investment planning."		15-03-2024		VTT			✓	397	✓	13	✓	40			✓	
THE	PhD Thesis: Silke Johanndeiter, "The economics of variable renewables in wholesale markets – towards a future-proof market design".		14-11-2024		EnBW												
THE	MSc Thesis: Lukas Scherzinger, "Modellbasierte Analyse der Auswirkungen eines Kapazitätsmechanismus auf den deutschen Strommarkt"		30-04-2023		EnBW												







Dissemination Activity						Channels (date of the post and views)											
Event type	Description	Location	Event date	People Reach	Main Responsible partner	Blog	Views	LinkedIn	Views	Twitter / X	Views	Facebook	Views	Research Gate	Views	Website	Views
THE	Phd Ingrid Janet Sanchez Jimenez, "Capacity Remuneration Mechanisms For Decarbonized Power Systems"		(ongoing)		TU Delft												
THE	PhD Johannes Kochems, Title: Lastmanagementpotentiale im deutschen Stromsystem. Einzelwirtschaftliche Bewertung gesamtwirtschaftlicher Potenzialschätzungen		08-10-2024		DLR			✓	28 2	✓	45	✓	12			✓	
THE	PhD Evelyn Sperber, Title: Agent-based modelling and simulation of interactions between the electricity and heat markets using the 4xample of residential heat pumps		(ongoing)		DLR												
THE	PhD António Couto, Title: Exploring Complementarity between Wind and Solar PV generation for Large-scale Integration into Power Systems		01-03-2024		LNEG			✓	19 9	✓	17	✓	18			✓	
THE	MSc: Catarina Marcelino, Title: Local Communities and Electricity Markets: Forecast of net consumption on a residential scale.		2024		LNEG												
THE	MSc: Rodrigo Marias. Tittle: Complementarity of wind and photovoltaic solar generation in Portugal – historical and prospective analysis.		ongoing		LNEG												
THE	MSc: João Santos, Title: “Participação da geração renovável no mercado de reservas de um sistema elétrico”.		2024		LNEG												
THE	MSc: Vivian Sousa. “Analysis and definition of bids from variable renewable generation on electricity markets”.		ongoing		LNEG												
THE	MSc: Nikolaus Hellner, “Entwicklung von Gebotsstrategien für Auktionen von erneuerbaren Energien“ which translates to “Development of Bidding Strategies in Auctions for Renewable Energies”		29-10-2024		DLR												
PW	ABM4Energy Conference on Agent-Based Modeling for Energy Economics and Energy Policy	Freiburg, Germany	21-03-2024 to 22-03-2024	25	DLR												

Event type	Dissemination Activity					Channels (date of the post and views)											
	Description	Location	Event date	People Reach	Main Responsible partner	Blog	Views	LinkedIn	Views	Twitter / X	Views	Facebook	Views	Research Gate	Views	Website	Views
PC	ABM4Energy Conference on Agent-Based Modeling for Energy Economics and Energy Policy	Freiburg, Germany	21-03-2024 to 22-03-2024	60	DLR											✓	
K	Ingrid Sanchez Jiminez (TU Delft): Capacity Mechanisms in a Decarbonized Future Power System	Freiburg, Germany	21-03-2024 to 22-03-2024	(same stream)	TU Delft												
K	Johannes Kochems (DLR): Evaluating Demand Response Potentials in the climate-neutral German Power System	Freiburg, Germany	21-03-2024 to 22-03-2024	(same stream)	DLR												
SSO	Special session of TradeRES @ IEA Wind Task 25 + Task 53 spring 2024 meeting the event has a subgroup on markets	Dublin, Ireland and online	10-04-2024 to 12-04-2024	40	LNEG												
PC	2024 Wind & Solar Integration Workshop	Helsinki, Finland	08-10-2024 to 11-10-2024	50	VTT												
SCP	Niina Helistö, Silke Johandeiter, Juha Kiviluoma, "Accelerating wind power investments through lower financing costs", 23rd Wind & Solar Integration Workshop, 2024 https://cris.vtt.fi/en/publications/accelerating-wind-power-investments-through-lower-financing-costs	Helsinki, Finland	08-10-2024 to 11-10-2024		VTT												
PCP	Niina Helistö, Silke Johandeiter, Juha Kiviluoma, "Accelerating wind power investments through lower financing costs", 23rd Wind & Solar Integration Workshop, 2024 https://cris.vtt.fi/en/publications/accelerating-wind-power-investments-through-lower-financing-costs	Helsinki, Finland	08-10-2024 to 11-10-2024		VTT			✓	66	✓	13	✓	9	✓			

Event type	Dissemination Activity					Channels (date of the post and views)												
	Description	Location	Event date	People Reach	Main Responsible partner	Blog	Views	LinkedIn	Views	Twitter / X	Views	Facebook	Views	Research Gate	Views	Website	Views	
PC	IAEE 45th INTERNATIONAL CONFERENCE ISTANBUL 2024	Istanbul, Turkey	25-06-2024 to 28-06-2024	30	TU Delft													
K	presentation was titled " Capacity Remuneration Mechanisms for a Future Decarbonized Power System"	Istanbul, Turkey	25-06-2024 to 28-06-2024	30	TU Delft													
PRC	https://www.lneg.pt/en/outcomes-of-the-on-electricity-market-designs-and-products-for-five-case-studies-were-presented-to-the-traderes-advisory-board-2/		11-11-2024		LNEG													
PRC	https://www.dlr.de/de/ve/aktuelles/nachrichten/archiv/2024/bewertung-von-foerderinstrumenten-im-projekt-traderes				DLR													
PRC	https://isep.ipp.pt/New/ViewNew/7240		29-11-2024		ISEP													
PRC	https://www.enlitia.com/resources-blog-post/enhancing-wind-power-forecasting-for-day-ahead-markets-identifying-the-optimal-meteorological-parameters-for-maximum-energy-yield		28-11-2024		ENLITIA													
PRC	https://www.vttresearch.com/en/project_news/exploring-fully-decarbonised-european-electricity-market		13-11-2024		VTT													
PC	International Ruhr Energy Conference 2024 https://www.inrec.wiwi.uni-due.de/	Essen, Germany	27-08-2024 to 28-08-2024	25	ISEP													
K	Prof. Dr. Zita Vale, Polytechnic of Porto, School of Engineering; Applied Energy (APEN) Elsevier https://www.inrec.wiwi.uni-due.de/keynote-speaker/	Essen, Germany	27-08-2024 to 28-08-2024	25	ISEP			>	118	>	1	>	8			>		

Dissemination Activity						Channels (date of the post and views)											
Event type	Description	Location	Event date	People Reach	Main Responsible partner	Blog	Views	LinkedIn	Views	Twitter / X	Views	Facebook	Views	Research Gate	Views	Website	Views
SSJ	S. Johanndeiter, N. Helistö and Valentin Bersch to the Resource & Energy Economics, "Does the difference make a difference? Evaluating Contracts for Difference design in a fully decarbonized European electricity market", Journal Energy Policy		25-03-2024		EnBW												
O	🚀 Exciting News! 🚀 The newest version of the TradeRES database is now available on Zenodo! Explore valuable resources for professionals, researchers, and enthusiasts. 📄 Download for free: https://zenodo.org/records/10692698 #Database #Research #Innovation	Online	18-03-2024		VTT	✓		✓	150	✓	9	✓	14			✓	
PC	EURO 2024 33rd European Conference on Operational Research https://euro2024cph.dk/	Copenhagen, Denmark	30-06-2024 to 03-07-2024	60	EnBW			✓	102	✓	20	✓	17			✓	
SSO	Silke Johanndeiter (chair). Special session organized, MC-9: New Market Designs & Models for 100% Renewable Power Systems.	Copenhagen, Denmark	30-06-2024 to 03-07-2024	40	EnBW												
K	Submitted abstract only (not paper): Eric Harrison, Topi Rasku, Juha Kiviluoma, "Economic benefits of residential heating and cooling flexibility: consumer and system perspective"	Copenhagen, Denmark	30-06-2024 to 03-07-2024	5	VTT												
K	Submitted abstract only (not paper): Johannes Kochems, Evelyn Sperber, Christoph Schimeczek, Kristina Nienhaus, "Assessing market effects of support instruments for renewables: Are they needed and how to design them?"	Copenhagen, Denmark	30-06-2024 to 03-07-2024	5	DLR												

Dissemination Activity						Channels (date of the post and views)											
Event type	Description	Location	Event date	People Reach	Main Responsible partner	Blog	Views	LinkedIn	Views	Twitter / X	Views	Facebook	Views	Research Gate	Views	Website	Views
K	Submitted abstract only (not paper): Hugo Algarvio, António Couto, Fernando Lopes, Ana Estanqueiro, "The reform of Balancing Markets: Insights from Portugal and Spain"	Copenhagen, Denmark	30-06-2024 to 03-07-2024	5	LNEG												
K	Submitted abstract only (not paper): Silke Johandeiter, Niina Helistö, Juha Kiviluoma, Valentin Bertsch, "Price formation and intersectoral distributional effects in a fully decarbonized European electricity market"	Copenhagen, Denmark	30-06-2024 to 03-07-2024	5	EnBW												
PW	Joint PhD Workshop PSI-LEA, the Chair for Energy Systems Analysis at ETH Zürich, and the Chair of Energy Systems and Energy Economics at Ruhr-Universität Bochum	Rastatt	17-07-2024 to 19-07-2024	30	EnBW			✓	43							✓	
PW	ICEBERG Interim Workshop: Scalable Optimization of Power Systems with Flexible Demand and Renewable Supply https://ap-rg.eu/events/iceberg-interim-workshop/	Athens, Greece	13-06-2024 to 14-06-2024	56	Imperial			✓	157	✓	4	✓	8				
PC	22nd International Conference on Intelligent Systems Applications to Power Systems	Budapest, Hungary	16-09-2024 to 19-09-2024	30													
K	António Couto, Hugo Algarvio, Ana Estanqueiro: "Enhancing wind power plants value in electricity markets through hybridization"	Budapest, Hungary	16-09-2024 to 19-09-2024	15													

Event type	Dissemination Activity					Channels (date of the post and views)											
	Description	Location	Event date	People Reach	Main Responsible partner	Blog	Views	LinkedIn	Views	Twitter / X	Views	Facebook	Views	Research Gate	Views	Website	Views
PC	<p> Our team presented a pivotal study at the ECEMP 2024 conference, titled “Assessments of Market Designs and Market Values in TradeRES Considering Actor Decisions.”</p> <p>This presentation delved into market designs and their impacts within the TradeRES project, focusing on how market values are impacted by support policies.</p> <p>  For more details, access the full publication: https://elib.dlr.de/207779/Other events: https://traderes.eu/events/</p> <p>#ECEMP #Energy #Transition #Market #Design</p>	Online	16-10-2024 to 17-10-2024	15	DLR			✓	104	✓	3	✓	3			✓	
K	<p>German Case Study at the ECEMP 2024 with the presentation title “Assessments of Market Designs and Market Values in TradeRES Considering Actor Decisions”</p> <p>https://elib.dlr.de/207779/</p>	Online	16-10-2024 to 17-10-2024	15	DLR												
WO	<p> News!  We are happy to announce that our latest deliverable is now available: "Characterization of New Flexible Players"!</p> <p> This report analyzes electricity market actors by identifying classes and characterizing their behavior and operations, focusing on traditional and new roles in flexible technologies, with key insights. Key actors include Prosumers, Producers, Suppliers, Aggregators, Traders, ESCo, Operators, and Regulators. Access the file for free here: https://traderes.eu/release-of-deliverable-3-2-2nd-edition/ #Energy #Energy #Market #Prosumers #Consumers #Suppliers #Aggregators #Traders #TradeRES #H2020 #Research #Innovation</p>				LNEG	✓		✓	166	✓	3	✓	4			✓	

Event type	Dissemination Activity					Channels (date of the post and views)											
	Description	Location	Event date	People Reach	Main Responsible partner	Blog	Views	LinkedIn	Views	Twitter / X	Views	Facebook	Views	Research Gate	Views	Website	Views
WO	<p>🔔 New Deliverable! Another deliverable released, "Performance Assessment of Current and New Market Designs and Trading Mechanisms for Local Energy Communities (Case Study A)" 🌩️🌍</p> <p>This deliverable explores the crucial role of Local Energy Communities and Local Energy Markets in this transformation. By enabling consumers to produce, consume, store, and trade energy locally, LECs and LEMs aim to enhance both energy efficiency and system resilience.</p>				Imperial	✓		✓	193	✓	9	✓	10			✓	
O	<p>Important: MODES Project: Market Organization of the Dutch Energy System. This can be considered as a follow-up on TradeRES, but with a broader focus in terms of energy system, and on the other hand with a smaller geographic focus, i.e. just the Netherlands. We may mention this as output.</p>				TU Delft												
PW	EERA JPs ESI & e3s workshops	Kaunas, Lithuania	03-06-2024 to 06-06-2024	35	TU Delft												
PW	<p>Participation in LARS Autumn school of the Florence School of Regulation, with participants plus several instructors</p> <p>https://fsr.eui.eu/course/loyola-autumn-research-school-lars/</p>	Florence, Italy	18-09-2024 to 20-09-2024	20	EnBW			✓	103	✓	5	✓	8			✓	
SSJ	Sperber, E.; Schimeczek, C.; Frey, U.; Cao, K.K; Bertsch, V.:Aligning heat pump operation with market signals: a win-win scenario for the electricity market and its actors? Energy Reports		18-09-2024 to 20-09-2024		DLR												

Dissemination Activity						Channels (date of the post and views)											
Event type	Description	Location	Event date	People Reach	Main Responsible partner	Blog	Views	LinkedIn	Views	Twitter / X	Views	Facebook	Views	Research Gate	Views	Website	Views
PSJ	Publishing after projects ends, probably 2025 Sperber, E.; Schimeczek, C.; Frey, U.; Cao, K.K; Bertsch, V.:Aligning heat pump operation with market signals: a win-win scenario for the electricity market and its actors? Energy Reports				DLR												
PC	ITISE 2024 Isabel Preto, António Couto, Ricardo Faria, Hugo Algarvio, Duarte Lopes and Ana Estanqueiro, "Enhanced Renewable Power Forecasting through NWP and Historical Power Data Integration" https://itise.ugr.es/	Canaria, Spain	15-07-2024 to 17-07-2024	30	ENLITIA												
K	Presentation at ITISE 2024	Canaria, Spain	15-07-2024 to 17-07-2024		ENLITIA												
SSJ	Ingrid Sanchez, Kenneth Bruninx, Laurens de Vries, "Capacity Remuneration Mechanisms for a Future Decarbonized Power System", Applied Energy		10-10-2024		TU Delft												
PSJ	Publishing after projects ends, probably 2025 Ingrid Sanchez, Kenneth Bruninx, Laurens de Vries, "Capacity Remuneration Mechanisms for a Future Decarbonized Power System", Applied Energy				TU Delft												
SSJ	Ingrid Sanchez, David Ribó-Pérez, Milos Cvetkovic, Johannes Kochems, Christoph Schimeczek, Laurens .J. de Vries, "Can an energy only market enable resource adequacy in a decarbonized power system? A co-simulation with two agent-based-models", Applied Energy, April 2024 https://doi.org/10.1016/j.apenergy.2024.122695				TU Delft												

Event type	Dissemination Activity					Channels (date of the post and views)											
	Description	Location	Event date	People Reach	Main Responsible partner	Blog	Views	LinkedIn	Views	Twitter / X	Views	Facebook	Views	Research Gate	Views	Website	Views
PSJ	Ingrid Sanchez, David Ribó-Pérez, Milos Cvetkovic, Johannes Kochems, Christoph Schimeczek, Laurens .J. de Vries, “Can an energy only market enable resource adequacy in a decarbonized power system? A co-simulation with two agent-based-models”, Applied Energy, April 2024 https://doi.org/10.1016/j.apenergy.2024.122695		15-04-2024		TU Delft											✓	
PC	33 Young Energy Economists and Engineers Seminar (YEEES). Capacity Mechanisms in a Decarbonized Future Power System.	Leuven, Belgium	30-05-2024 to 31-05-2024	30	TU Delft												
WP	https://www.lneg.pt/project/traderes/				LNEG												
WP	https://www.bitunitor.com/#projects				bitYoga												
WP	https://www.dlr.de/en/ve/research-and-transfer/projects/project-traderes				DLR												
WP	https://www.enbw.com/unternehmen/konzern/forschung/				EnBW												
WP	https://www.imperial.ac.uk/electrical-engineering/research/control-and-power/research/traderes/				Imperial												
WP	https://www.isep.ipp.pt/New/ViewNew/6343				ISEP												
WP	https://www.enlitia.com/resources-blog-post/traderes-new-markets-design-models-for-100-renewable-power-systems				ENLITIA												
WP	https://www.tno.nl/en/collaboration/international/european-projects/				TNO												

Event type	Dissemination Activity					Channels (date of the post and views)											
	Description	Location	Event date	People Reached	Main Responsible partner	Blog	Views	LinkedIn	Views	Twitter / X	Views	Facebook	Views	Research Gate	Views	Website	Views
WP	https://www.tudelft.nl/ewi/over-de-faculteit/afdelingen/electrical-sustainable-energy/intelligent-electrical-power-grids-iepg-group/projects/current-projects/traderes				TU Delft												
WP	https://cris.vtt.fi/en/projects/new-markets-design-models-for-100-renewable-power-systems				VTT												
PRC	https://www.lneg.pt/en/outcomes-of-the-on-electricity-market-designs-and-products-for-five-case-studies-were-presented-to-the-traderes-advisory-board/		02-08-2024		LNEG												
PRC	https://www.isep.ipp.pt/New/ViewNew/7220		10-11-2024		ISEP												
O	Last week in Porto, we held the final project meeting with the Steering Committee and the consortium partners. We discussed the results achieved so far and reviewed each work package to ensure everything was on track for the final phase. We're confident these discussions have set a solid foundation for the project's closing.	Porto, Portugal	23-10-2024 to 24-10-2024		ISEP			✓	223	✓	8	✓	8			✓	
O	🌐 Our deliverable D5.4 is now available for free! The D5.4 Pan-European Wholesale Electricity report assesses future electricity market performance under various scenarios, focusing on price dynamics and the profitability of renewables. It explores market designs and trading mechanisms across Europe, providing key insights for a decarbonized energy system.				.	✓		✓	47	✓	5	✓	7				

Dissemination Activity						Channels (date of the post and views)											
Event type	Description	Location	Event date	People Reach	Main Responsible partner	Blog	Views	LinkedIn	Views	Twitter / X	Views	Facebook	Views	Research Gate	Views	Website	Views
O	"📄 D6.3 Tutorial and Edited Webinar Materials Now Available for Download! The D6.3 deliverable compiles edited materials from tutorials and webinars, supporting stakeholders in using the tools developed in the project. It offers video guides, user manuals, and interactive resources tailored to different expertise levels.				.			✓	71	✓	1	✓	4				
SSJ	Meysam Khojasteh , Pedro Faria , Zita Vale, "Adaptive robust strategy for energy and regulation Service Management in Local Energy Communities", Applied Energy, January 2025 DOI: https://doi.org/10.1016/j.apenergy.2024.124648		19-06-2024		ISEP												
PSJ	Meysam Khojasteh , Pedro Faria , Zita Vale, "Adaptive robust strategy for energy and regulation Service Management in Local Energy Communities", Applied Energy, January 2025 DOI: https://doi.org/10.1016/j.apenergy.2024.124648				ISEP			✓	120	✓	8	✓	3			✓	
SIJ	Johannes Kochems, Kristina Nienhaus, Evelyn Sperber und Christoph Schimeczek, "Förderinstrumente für erneuerbare Energien auf dem Prüfstand: Erkenntnisse des europäischen Forschungsprojekts TradeRES", et – Energiewirtschaftliche Tagesfragen, volume 74, 11, 2024, ISSN 0720-6240				DLR												
PIJ	Johannes Kochems, Kristina Nienhaus, Evelyn Sperber und Christoph Schimeczek, "Förderinstrumente für erneuerbare Energien auf dem Prüfstand: Erkenntnisse des europäischen Forschungsprojekts TradeRES", et – Energiewirtschaftliche Tagesfragen, volume 74, 11, 2024, ISSN 0720-6240				DLR			✓	27	✓	14	✓	3			✓	

Event type	Dissemination Activity					Channels (date of the post and views)											
	Description	Location	Event date	People Reach	Main Responsible partner	Blog	Views	LinkedIn	Views	Twitter / X	Views	Facebook	Views	Research Gate	Views	Website	Views
OW	Final TradeRES Webinar	Online	19-11-2024	251	ISEP / LNEG			✓	1	✓	2	✓	1				
O	Recordings available - Final TradeRES Webinar	Online			ISEP				6		7		5				
F	Digital flyer V2				ISEP												
N	Newsletter 9				LNEG / ISEP												
SJJ	Submission will be one week after end the project Eric Harrison, Topi Rasku, Juha Kiviluoma, "Title: Globally and locally optimised wide-scale residential demand response: cost savings potential and impacts on hydropower reservoir levels", Energy, Elsevier				VTT												
PSJ	after end the project Eric Harrison, Topi Rasku, Juha Kiviluoma, "Title: Globally and locally optimised wide-scale residential demand response: cost savings potential and impacts on hydropower reservoir levels", Energy, Elsevier				VTT												
PC	After project ends Participation in EEM 2025	Lisbon, Portugal	27-05-2025 to 29-05-2025		LNEG												
SCP	After project ends, EEM (1/4) LNEG and ISEP				LNEG												
SCP	After project ends, EEM (2/4) LNEG and ISEP				LNEG												
SCP	After project ends, EEM (3/4) LNEG and ISEP				LNEG												
SCP	After project ends, EEM (4/4) ISEP				ISEP												

Dissemination Activity						Channels (date of the post and views)											
Event type	Description	Location	Event date	People Reach	Main Responsible partner	Blog	Views	LinkedIn	Views	Twitter / X	Views	Facebook	Views	Research Gate	Views	Website	Views
SSJ	After project ends publication related with Energy Markets' design. Outcomes of the TradeRES project, MDPI				LNEG												
PSJ	After project ends publication related with Energy Markets' design. Outcomes of the TradeRES project, MDPI				LNEG												
SSJ	Prediction to submission: first weeks of December 2024 Eric Harrison, Topi Rasku, Juha Kiviluoma, "Globally and locally optimised wide-scale residential demand response: cost savings potential and impacts on hydropower reservoir levels," to be submitted to Energy (Elsevier) in December 2024.				VTT												
PSJ	Prediction to submission after project ends: E. Harrison et al.: Wide-scale residential demand response based on real-time wholesale vs. day-ahead spot prices: managing free-riding and avoiding increased system costs. Planned to be submitted in Q1/2024.				VTT												
SSJ	Ingrid Sanchez, Kenneth Bruninx, Laurens de Vries, "Capacity Remuneration Mechanisms for Decarbonized Power Systems" 2024, https://dx.doi.org/10.2139/ssrn.4983282				TU Delft												