



WP6

Stakeholder Networking, Community Building, Dissemination and
Promotional Activities

D6.4 Report on Dissemination and Promotional Activities

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Executive Summary

The paramount objectives of WP6 are (1) promoting the newly established SINERGY Regional Centre of Excellence in smart energy management; (2) raising awareness about the SINERGY key exploitable results; (3) outreach and engagement with different types of stakeholders including the wider public.

While the focus of the first two WP6 reports delivered in the first reporting period by month six was:

- The development of an appropriate *Stakeholder Engagement Strategy* and an appropriate *Dissemination and Communication strategy* (see D6.1); and
- The establishment of communication channels and the SINERGY Web portal (see D6.2);

in this Deliverable we report about the implementation of the Dissemination and Communication Strategy and the effort needed to organize the promotional events. Information about the promotional events is also available via the SINERGY Web portal, please check <https://project-sinergy.org/Events/Past-Events>.



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Abbreviations and Acronyms

AIT	Austrian Institute of Technology
CA	Consortium Agreement
CO	Coordinator
DSO	Distribution System Operator
EMS	Energy Management System
EU	European Union
IEEE	Institute of Electrical and Electronics Engineers
ICT	Information and Communications Technology
IMP	Institute Mihajlo Pupin
NUIG	University of Galway
R&D	Research and Development
WP	Work Package



1 Introduction

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While the focus of the first two WP6 reports delivered in the first reporting period by months six was:

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- The establishment of communication channels and the SINERGY Web portal (see D6.2);

in this Deliverable we report about the implementation of the Dissemination and Communication Strategy and the effort needed to organize the promotional events. Information about the promotional events is also available via the SINERGY Web portal, please check <https://project-sinergy.org/Events/Past-Events>.



Figure 1. Raising Awareness about the Center at stakeholders event at IMP premises (December 2022)

1.1 SINERGY Dissemination Plan

The SINERGY Dissemination Plan (see Table 1) constitutes the common consortium strategy towards efficient and measurable communication actions generated by the project. There are two main objectives of the *Dissemination Plan*:

- To share and align the knowledge acquired in the initiative with different stakeholders from industry and public sector.



- To communicate to the general public and contribute to the awareness of smart energy management in general, as well as of energy efficiency in buildings and emission reduction.

Table 1. Dissemination and communication plan

DISSEMINATION AND COMMUNICATION PLAN				
	Year 1 (Month 1-12)	Year 2 (Month 13-24)	Year 3 (Month 25-36)	After SINERGY
Relevant stakeholders	Goal 1: Raise awareness about the project			Goal 5: Raise awareness about the established Centre of Excellence
	Goal 2: Understand their needs and concerns	Goal 3: Address real needs and concerns. Share the specific outcomes of SINERGY	Goal 4: Share the specific outcomes of SINERGY and their potential as business case.	Goal 6: Exploitation of project results and deployment of business cases
Tools	SINERGY Web portal, webinars and e-learning, brochure, posters and other communication material			SINERGY Web portal, brochure, posters and other material
	<ul style="list-style-type: none">e-mailSINERGY workshopSeminars and meetingsFairs and events			<ul style="list-style-type: none">e-mailFace to face meetingsFairs and eventsConferences and seminars
General public and community	Goal 7: Promote smart energy management as a positive future trend			Goal 10: Continue to raise awareness about the smart energy management technologies
	Goal 8: Raise awareness about SINERGY			
Tools		Goal 9: Share the specific outcomes of the project and social implications.		
	Website, Blog and social media, Informative videos, Fairs, TV spots, Press Releases			Website, Blog and social media, Informative videos...
		Media and Press Releases		Media and Press Releases

1.2 SINERGY Channels

In the first year of the project different dissemination channels have been established including:

- The social media channels (LinkedIn¹ and Twitter²);
- The SINERGY web portal³ as a main entrance point for various actors and the general public interested in topics of the SINERGY project; and

¹ <https://www.linkedin.com/company/project-sinergy-org/>

² <https://twitter.com/H2020Sinergy>

³ <https://project-sinergy.org/>



- The mailing lists (consortium, IMP Marketing mailing list, BDA School mailing list).

In the 2nd reporting period, the promotional activities continued via the existing communication and networking channels of involved institutions (social channels⁴, websites, mailing lists) with stakeholders (project partners, advisory board members, other international research institutes, industry), and established SINERGY channels (LinkedIn and Twitter).

Table 2. Communication channels

Existing channels (sustained from previous projects)	SINERGY channels
Web sites: https://www.pupin.rs Mailing lists: <ul style="list-style-type: none"> - consortium@mail.project-lambda.org - bda-school@mail.project-lambda.org Social sites: https://www.linkedin.com/groups/12129621/ https://twitter.com/Net4LAMBDA	SINERGY web site: https://project-sinergy.org Mailing list: <ul style="list-style-type: none"> - consortium@project-sinergy.org Social sites: https://www.linkedin.com/company/75419651/admin/ https://twitter.com/H2020Sinergy

1.3 Structure of the Deliverable

This deliverable is structured as follows:

- Section 2 gives a summary of the events organized by the consortium as well as events where SINERGY project has been promoted (e.g. leaflets disseminated, contacts with stakeholders established);
- Section 3 point to scientific results (journal and conference papers);
- Section 4 conclude the report with a plan for next year activities.

⁴ <https://www.linkedin.com/company/institute-mihajlo-pupin/mycompany/>



2 Report on SINERGY events

In the project framework, the consortium organized different scientific, stakeholders' engagement and networking events that can be divided into different types, as presented in Table 3.

Table 3. Categorization of events on the SINERGY portal

Stakeholders events	
Conference	https://project-sinergy.org/Conferences
Summer School	https://project-sinergy.org/Summer-School
Fair, Exhibition	https://project-sinergy.org/Fairs-Exhibitions
Thematic Meeting	https://project-sinergy.org/Thematic-Meeting
Online Training	https://project-sinergy.org/Trainings
Webinar	https://project-sinergy.org/Webinar
Internal events, stakeholders participation by invitation	
Workshop (including PhD workshops)	https://project-sinergy.org/Workshop
Staff Exchange	https://project-sinergy.org/taxonomy/term/11
Events organized by SINERGY or other partners	
Project Networking Session	https://project-sinergy.org/Project-Networking-Session
General Promotion Event	https://project-sinergy.org/General-Promotion

2.1 Conferences

2.1.1 The SINERGY Conference

Deliverable 5.4 reports about the SINERGY International Conference on Smart and Innovative eENERGY management that was organised at the Institute Mihajlo Pupin premises from 26th to 28th of September 2023. The event gathered over 40 experts from the field, while one third of them were from abroad and two third from Serbia and the Region. Altogether 27 presentations were given, two of them being company presentations (AIT and NUIG) and two keynotes. The SINERGY partners (the Institute Mihajlo Pupin as a Coordinator and the two leading partners - the AIT Austrian Institute of Technology GmbH and University of Galway (NUIG) were main organisers of the conference. The submitted papers (via EasyChair platform) were reviewed by 18 international experts, members of the *SINERGY Conference Programme Committee*.

Papers were grouped into four sessions (see Draft Programme⁵) as follows

⁵ https://project-sinergy.org/sites/default/files/2023-09/SINERGY_Conference_DRAFT_Agenda.pdf



- Smart Grids;
- Energy Management Systems;
- Building Energy Management Systems;
- Knowledge Management and ICT Tools.

Panel discussion was organised as part of the opening of the event. A number of targeted questions were proposed to the audience and speakers to elicit the discussion such as:

- How important is energy transition and decarbonisation?
- What are the main challenges of implementing power devices in smart grids?
- How do smart buildings contribute to energy efficiency and sustainability?
- What other issues are still relevant in relation to smart energy management deployment (technical, policies, training...?)

The consortium started with the preparation of the Conference in February 2023. At the Plenary meeting in Vienna proposal was made for

The consortium started with the preparation of the conference in February 2023. During the Plenary meeting in Vienna⁶, a proposal was made for:

- Conference dates;
- The targeted stakeholders and involvement of industrial partners;
- The call for papers; the number of sessions; invitations for session chairs;
- The process of collecting the papers via the EasyChair platform, <https://easychair.org/my/conference?conf=synergy2023>;
- The Conference Proceedings, based on the short version of the papers.

In July 2023, a staff exchange was organized and the Draft Agenda of the Conference was defined, based on the accepted papers.

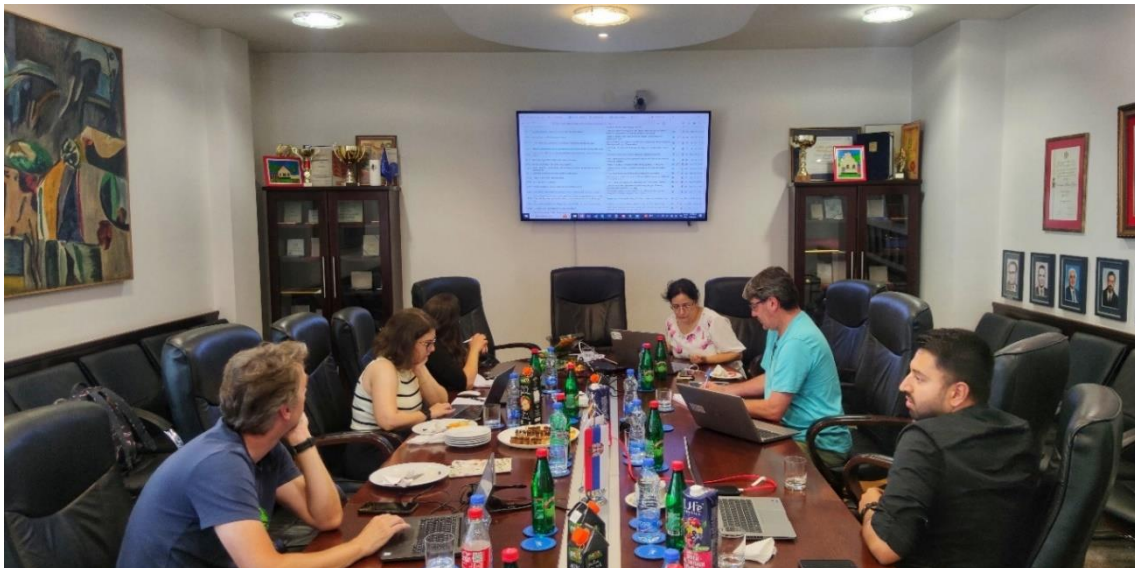


Figure 2. SINERGY Plenary and preparation for the International Conference (Belgrade, July 2023)

⁶ <https://project-sinergy.org/Staff-exchange-9>



Figure 3. The SINERGY Conference - Group Photo



International Conference on
Smart and Innovative eENERGY management
26 – 28 September 2023
Institute Mihajlo Pupin, Belgrade, Serbia

Book of Abstracts

Session I: Smart Grids	
I-1	Johannes Stöckl Introduction to the Session with a Presentation of the Austrian Institute of Technology
I-2	Jovana Glušević, Žarko Janda and Jasna Dragosevac Comparison of the Response of Grid Forming and Grid Following Inverters Connected to a Real Grid Abstract: The increasing penetration of wind and solar power sources in power networks has led to the need for advanced inverter technologies to support the integration of these renewable energy sources into the grid. Inverters play a critical role in power networks, and understanding the benefits and limitations of different inverter types can facilitate the effective management of renewable energy sources and contribute to a more stable and sustainable power system. New types of power grid instabilities are field recorded as it is resonance instability. Several inverters connected to grid can have multiple resonances (range from low-medium high). The main goal of this paper is to explore the differences between grid-following and grid-forming inverters in power networks with high penetration of wind and solar power sources. These inverters have the main difference in output voltage electrical angle control circuit design. The paper aims to provide insights into the advantages and disadvantages of each type of inverter control and their impact on grid stability and the management of intermittency in renewable energy sources. Additionally, the paper aims to discuss the challenges associated with integrating grid-forming inverters into existing power networks and the potential for future developments in inverter technology to address these challenges.

Figure 4. About the SINERGY Conference - Book of Abstracts



The Book of Abstracts⁷ was available for the conference participants along with the programme and other dissemination material.

The consortium is currently working on the preparation of the conference proceedings.

2.1.2 Participation in the Organization of Other International Conferences

The SINERGY Project Manager, Dr. Valentina Janev was involved in the organization of two international conferences as a Track Programme Committee Chair, e.g. <https://www.isic2023.semintelligence.org/organization>

- [International Semantic Intelligence Conference \(ISIC 2022\)](#)
- [International Semantic Intelligence Conference, \(ISIC 2023\)](#)

Dr. Valentina Janev is one of the editors of the ISIC 2023 Proceedings which will be published in 2024, by LNEE, Springer⁸.

During 2023, SINERGY project was promoted in the keynote entitled **Technologies and concepts for the next-generation integrated energy services** given at ISIC 2023 sister conference, please check IHIC 2023 <https://www.ihic2023.semintelligence.org/program>.

As a keynote speaker, Dr. Valentina Janev promoted the SINERGY project at the 9th International Symposium on Applied Computing for Software and Smart systems (ACSS-2022) September 09-10, 2022, University of Calcutta, India. The title of the presentation was **Semantic Intelligence in Energy Management Systems**.

Dr. Valentina Janev delivered a keynote **Integrated Energy Value Chains - Overview of Technologies and Lessons Learned** (delivered on 1st of April 2021, see [video](#)) at the [CIBEK 2021 - Serbia](#) Conference.

More about invited lectures at different events can be found at <https://project-sinergy.org/Invited-Lectures-Keynotes>.

2.1.3 Presentation of SINERGY Results at International Conferences in Serbia and the Region

Table 4. Statistics on presentations at International Conferences in Serbia and the Region

Document revision history			
Country	Year	Conference	Number of papers
Serbia	2021	Telfor 2023	3
	2022	ICIST 2022	1
	2022	Telfor 2022 Booth, https://project-sinergy.org/3rd-Open-Event	
	2023	ICIST 2023	4

⁷ https://project-sinergy.org/sites/default/files/2023-12/SINERGY_Book_of_Abstracts.pdf

⁸ <https://www.springer.com/series/7818>.



	2023	Booth, https://project-sinergy.org/node/200	
North Macedonia	2023	IWSSIP 2023	1

2.2 Workshops / Open Events / EU Projects Networking Sessions

2.2.1 Organization of SINERGY Joint Open Events

In the project framework three Open Events were organized as part of the WP5, see

- D5.1 [The First SINERGY Workshop - Smart Grid Technologies](#) (November 2021)
- D5.2 [The Second SINERGY Workshop - Energy Efficient Building Operation](#) (May 2022)
- D5.3 [The Third SINERGY Workshop - Belgrade's Smart Energy Management laboratory](#) (November 2022)

Additionally, IMP organized the LAMBDA Summer School 2021, where SINERGY project presented

- four lectures from senior researchers / professors, see <https://project-sinergy.org/Events/BDA-2021>
- 5 papers from young researchers, see <https://project-sinergy.org/Ph.D.-Workshop-1>

And finally, in the third project year, the consortium organized

- The [Serbia Smart Energy Mobilization Workshop, July 2023](#) (announcement)

where representatives from industry were present. This was an opportunity to fix the topics for the forthcoming EU proposals with EMS Services, Institute Nikola Tesla, Post of Serbia and others.

Table 5. Statistics on Open Events organized by SINERGY

Organization of SINERGY Joint Open Events			
Country	Year	Conference	Number of participants
Serbia	2022	The Third SINERGY Workshop	>25
	2023	Serbia Smart Energy Mobilization Workshop	>25
Ireland	2022	The Second SINERGY Workshop	>50
Online (hybrid)	2021	First SINERGY Workshop, Austria	>30
	2021	LAMBDA Summer School 2021, Serbia	>40

2.2.2 Participation at Other Open Events / EU Project Networking Sessions

In the project framework, IMP was invited to present the SINERGY project at different events. The Table below points to some of such events.

Table 6. Statistics on Other Open Events

Capacity building in Smart and Innovative eENERGY management



Participation (presenting SINERGY) at other Events			
Country	Year	Event	Number of participants
Spain	2023	Sustainable Places, https://project-sinergy.org/node/182	>50
Serbia	2023	PowerTech Conference, Special Session on Capacity Building Projects	>30
Serbia	2022	Promotion of the SINERGY PUPIN Testbed at the meeting - Next-Generation Integrated Energy Services fOr Citizen Energy CommuNities, September 2022	>25
Online	2022	Twinning Western Balkans Coordinators day (13 September)	Representatives of projects from Serbia
Online	2023	EU Projects Clustering Event on Smart Energy Services, May 2023	>25
	2022	Building Digital Twin International Congress 2022 (video)	>100
Greece	2023	SINERGY at the REACT – Renewable Energy for self-sustAinable island CommuniTies Meeting	>25

2.3 Fairs – Exhibitions

The Table below points to Fairs / Exhibitions where the SINERGY results were promoted at the IMP or at the AIT booth.

Table 7. Statistics on Participation on Fairs / Exhibitions

Participation (presenting SINERGY) at other Events			
Country	Year	Event	Organizer
Serbia	2023	65th Fair of technics and technical achievements, May 2023	IMP
Serbia	2023	36 CIGRE Exhibition and Conference, May 2023	IMP
Germany	2023	PCIM Europe Exhibition and Conference, May 2023	AIT
Germany	2022	SINERGY at Enlit Europe 2022, November 2022	AIT, IMP
Serbia	2022	International Fair of Technics and Technical Achievements, Belgrade, 2022 64th International Technical Fair	IMP



Germany	2022	PCIM Europe, May 2022	AIT
Serbia	2021	Energetics 2021 - Towards a green recovery, Serbia	IMP

2.4 Webinars

In Cooperation with IEEE IAS/PELS/IES Austria Chapter, two webinars were organized by AIT as follows

- [IEEE IAS/PELS/IES Austria Chapter](#), Digital Transformation Technology Webinar, 2021;
- [IEEE IAS/PELS/IES Austria Chapter](#), Modern Power System Technologies - Towards a Sustainable Energy Future, November 2022
Dr. Valentina Janev: Responsible Knowledge Management in Energy Data Ecosystems (Lecture delivered on 23th of November 2022).



3 Scientific Dissemination

3.1 Joint papers

In the project framework, the following joint publications were published:

- [BOOK CHAPTER] Marko Jelić, Dea Pujić, Nikola Tomašević, Paulo Lissa, Dayanne Peretti Correa, Marcus Keane: Case study of Aran Islands: Optimal DR control of heat pumps and appliances. In H. Alhelou, A. Moreno-Muñoz, P. Siano (Eds.) *Industrial Demand Response: Methods, Best practices, Case Studies, and Applications*, ISBN: 9781839535611, DOI: 10.1049/PBPO215E_ch16 (IMP, NUIG)
- [CONFERENCE PAPER] Dayanne Peretti Correa, Marko Jelic, Dea Pujic, Shima Yousefi, Marcus Keane, Nikola Tomasevic: *Autonomous Demand Response Control using Heat Pumps in Residential and Commercial Buildings*, 2022 30th Telecommunications Forum (TELFOR), 2022, pp. 1-4, DOI: 10.1109/TELFOR56187.2022.9983741. (IMP, NUIG)
- [CONFERENCE PAPER] Johannes Stöckl, Markus Makoschitz, Thomas Strasser, Luis Miguel Blanes Restoy, Valentina Janev, Paulo Lissa, Federico Seri: Survey on Technologies Driving the Smart Energy Sector (Telfor 2021 Conference) (AIT, IMP, NUIG)
[Download](#)
DOI: 10.1109/TELFOR52709.2021.9653403

Currently, the following joint activities are underway:

- Publication of the Proceedings of the SINERGY Conference;
- Preparation of joint journal papers;
- Organization of the "Online Winter School on Digitalisation of Smart Energy Systems" with ERIGrid 2.0⁹ and RESili8¹⁰ projects.

Table 8. Journal papers in preparation

Partner	Paper
AIT, IMP	<ul style="list-style-type: none">• Distributed Power Optimization for Energy Communities
IMP, AIT, NUIG	<ul style="list-style-type: none">• Integrated cloud platform for energy management of self-sustainable island communities

⁹ Home - ERIGrid 2.0, <https://erigrd2.eu/>

¹⁰ RESili8 - Resilience for Cyber-Physical Energy Systems (resili8-project.eu)



3.2 IMP Results

3.2.1 JOURNAL PAPERS

- Marko Jelić, Marko Batić, Nikola Tomašević:
<https://doi.org/10.3390/en14217076>
- Demand-Side Flexibility Impact on Prosumer Energy System Planning. Energies 2021, 14(21), 7076.
DOI:
- Dea Pujić, Nikola Tomašević, Marko Batić, A Semi-Supervised Approach for Improving Generalization in Non-Intrusive Load Monitoring. Sensors 2023, 23, 1444.
DOI: <https://doi.org/10.3390/s23031444>
- Valentina Janev, Maria-Esther Vidal, Dea Pujić, Dušan Popadić, Enrique Iglesias, Ahmad Sakor, Andrej Čampa:
Responsible Knowledge Management in Energy Data Ecosystems. Energies 2022, 15(11), 3973
DOI: <https://doi.org/10.3390/en15113973>

3.2.2 CONFERENCE PAPERS

2023 (Conference Proceedings)

- Dea Pujić, Valentina Janev, Framework for optimizing neural network hyper parameters for accurate wind production forecasting. In: Zdravković, M., Trajanović, M., Konjović, Z. (Eds.) ICIST 2023 Proceedings, 2023. (IMP)
- Marko Jelić, Marko Batić, Demand-side optimization of hybrid energy systems with heat pumps. In: Zdravković, M., Trajanović, M., Konjović, Z. (Eds.) ICIST 2023 Proceedings, 2023. (IMP)
- Andjela Marković, Marko Batić, Katarina Stanković, Hybrid Approach in Thermal Demand Forecasting of a Building. In: Zdravković, M., Trajanović, M., Konjović, Z. (Eds.) ICIST 2023 Proceedings, 2023. (IMP)
- Lazar Berbakov, Valentina Janev, Nikola Tomasevic, Platform for efficient building operation and Demand Response flexibility provision. In: Zdravković, M., Trajanović, M., Konjović, Z. (Eds.) ICIST 2023 Proceedings, 2023. (IMP)
- Čampa, A., Hudomalj, M., Sodin, D., Gale, T., Janev; Lazar Berbakov; Marko Batić, M. (2023) Advanced Analytics at the Edge, Proc. Of the 30th International Conference on Systems, Signals and Image Processing (IWSSIP), DOI: 10.1109/iwSSIP58668.2023.10180252. (IMP)
- V. Timčenko, S. B. Rakas, M. Kabović and A. Kabović, "Digitalization in Power Energy Sector: Principles of Cybersecurity," 2023 30th International Conference on Systems, Signals and Image Processing (IWSSIP), Ohrid, North Macedonia, 2023, pp. 1-5, doi: 10.1109/IWSSIP58668.2023.10180280. (IMP)

2022 (Conference Proceedings)

- Dušan Popadić, Enrique Iglesias, Ahmad Sakor, Valentina Janev, Maria-Esther Vidal: Towards a Solution for an Energy Knowledge Graph, ISIC 2022 (Best Paper Award), Springer Nature. ISBN 978-981-19-7125-9
https://link.springer.com/chapter/10.1007/978-981-19-7126-6_1 (IMP)
- Dea Pujić, Marko Jelić, Marko Batić, Nikola Tomašević, Application of Reinforcement Learning for Control of Heat Pump Systems. In: Zdravković, M., Trajanović, M., Konjović, Z. (Eds.) ICIST 2022 Proceedings, 2022. (IMP)



2021 (Conference Proceedings)

- Marko Jelić, Darko Šošić, Nikola Tomašević:
[Effects of coordinated prosumer operation on power distribution systems](#) (Telfor 2021 Conference) (IMP)
[Download](#)
DOI: [10.1109/TELFOR52709.2021.9653268](#)
- Dea Pujić, Nikola Tomašević:
[Hybrid ensemble neural network approach for photo-voltaic production forecast](#) (Telfor 2021 Conference) (IMP)
[Download](#)
DOI: [10.1109/TELFOR52709.2021.9653369](#)
- Valentina Janev, Dušan Popadić, Dea Pujić, Maria-Esther Vidal, Kemble Endris,
[Reuse of Semantic Models for Emerging Smart Grids Applications](#). In: Zdravković, M., Trajanović, M., Konjović, Z. (Eds.) ICIST 2021 Proceedings, pp.119-123, 2021.
LINK: <http://www.eventiotic.com/eventiotic/library/paper/652> (IMP)

3.2.3 UNPUBLISHED CONFERENCE PAPERS

- Anđela Marković, Valentina Janev, Nikola Tomašević and Marko Batić Approach to Energy System Modelling for Supporting Decarbonization Scenarios in Energy Communities. (IMP)
- Igor Jovanović, Marko Jelić and Nikola Tomašević Multi Objective Energy Management System and Sizing Optimization with Load Shifting. (IMP)
- Miloš Nenadović Leveraging APIs and Knowledge Graphs for Efficient Data Access and Interoperability in the Energy Domain. (IMP)
- Lazar Berbakov, Valentina Janev, Marko Jelić, Dea Pujić and Nikola Tomašević, Towards a SGAM-Compliant Platform for NextGeneration Integrated Energy Services. (IMP)
- Valentina Timčenko and Slavica Boštjančič Rakas Cyber Security Issues of Cloud-based Dynamic Line Rating. (IMP)
- Željko V. Despotović, Ilija R. Stevanović, Jovan Šumarac and Aleksandar Rodić Hybrid and Uninterruptible Power for Irrigation on Agriculture Smart Land. (IMP)
- Marija Radmilović, Uroš Ilić, Željko Despotović, Jelena Kljajić, Jovan Šumarac, Aleksandar Pavlović, Predrag Đešnić Sustainable and Automated Production Process of Seedlings Using Robotic Systems. (IMP)

3.3 AIT Results

3.3.1 CONFERENCE PAPERS

- Jovica Perevski, Urban Rudež, Real-time identification of oscillatory characteristics of power systems, CIGRE, 16th Conference of Slovenian Electrical Power Engineers, 2023. (AIT)

3.3.2 UNPUBLISHED CONFERENCE PAPERS

- Florian Strebl and Bharath-Varsh Rao, Impact of large-scale Deployment of Energy Communities on Distribution Grids. (AIT)



- Thi Kim Bich Pham, Bharath Varsh Rao and Wilhelm Süßenbacher Peer-to-peer Energy Market Incentivizing Energy Efficiency for Local Energy Communities in Austria. (AIT)

3.4 NUIG Results

3.4.1 CONFERENCE COMMUNICATIONS

- Luis Miguel Blanes Restoy, Valentina Janev, Johannes Stöckl. SINERGY: Three living laboratories strengthening research capacity in smart energy management. Presented at SUSTAINABLE PLACES 2023. Madrid. (NUIG)

3.4.2 UNPUBLISHED CONFERENCE PAPERS

- Dayanne Peretti Correa, Luis Miguel Blanes Restoy, Paulo Lissa and Marcus Keane, Clustering Analysis to Support Demand Response Programs. (NUIG)
- Luis Miguel Blanes Restoy, Dayanne Peretti Correa and Marcus M. Keane Simulation-based Commissioning of Control Loops for Heat Pump Integration and High Temperature Systems. (NUIG)
- Mariya Chukkirian Joy and Marcus Keane Energy Flexibility Assessment for Buildings in Ireland. (NUIG)
- Gavin Larkin, Luis Miguel Blanes Restoy and Marcus M. Keane Simulation-based Evaluation of Air-source Heat Pump Retrofit to Phase-out Condensing Gas Boilers. Case Study of Campus Building In Ireland. (NUIG)



4 Conclusion

In the year 2024, the consortium will continue with promotional activities, see a tentative plan in Table 9.

The established communication channels will be maintained for three years after the project end.

Table 9. Events in Year 2024

Partner	Events
AIT, IMP, NUIG	<ul style="list-style-type: none">SINERGY Session at the “Online Winter School on Digitalisation of Smart Energy Systems” organised in cooperation with ERIGrid 2.0 and RESili8 projects (February 2024)
IMP	<ul style="list-style-type: none">ICIST 2024 Conference (March 2024)
IMP	<ul style="list-style-type: none">CIGRE Serbia 2024 (May 2024)