



# DOMINOES – DELIVERABLE

## D6.6 Dissemination Activity Report

### Year 3

This project has received funding from the European Union's Horizon 2020 research and innovation programme under **Grant Agreement No. 771066**.

Deliverable number: D6.6  
Due date: 30.06.2021  
Nature<sup>1</sup>: R  
Dissemination Level<sup>1</sup>: PU  
Work Package: WP6  
Lead Beneficiary: ISEP  
Contributing Beneficiaries: ISEP, CNET, USE, UoL, Enerim, VPS, E-REDES  
Reviewer(s): VPS

---

<sup>1</sup> **Nature:** R = Report, P = Prototype, D = Demonstrator, O = Other  
**Dissemination level** PU = Public  
PP = Restricted to other programme participants (including the Commission Services)  
RE = Restricted to a group specified by the consortium (including the Commission Services)  
CO = Confidential, only for members of the consortium (including the Commission Services)  
Restraint UE = Classified with the classification level "Restraint UE" according to Commission Decision 2001/844 and amendments  
Confidential UE = Classified with the mention of the classification level "Confidential UE" according to Commission Decision 2001/844 and amendments  
Secret UE = Classified with the mention of the classification level "Secret UE" according to Commission Decision 2001/844 and amendments

PUBLIC

Version	Date	Description
v0.1	26-11-2019	Initial version
v1.0	23-01-2020	Updated with contributions
v1.1 to v1.7	-	Continuous updating
v1.8	17-06-2021	Initial deliverable for review
v1.9	29-06-2021	Updated with the review
v2.0	30-06-2021	Final adjustments

**Authors**

Alexandre Neto, CNET  
Carlos García Santacruz, USE  
Eduardo Rodrigues - CNET  
Fernando Lezama, ISEP  
Filipe Sousa, ISEP  
Renato Santos, VPS  
Luísa Matos, VPS  
Lurian Klein, VPS  
Pedro Faria, ISEP  
Rita Piteira - E-REDES  
Salla Annala, LUT  
Sirpa Repo, Enerim  
Tiago Pinto, ISEP  
Zita Vale, ISEP

**Disclaimer**

The views expressed in this document are the sole responsibility of the authors and do not necessarily reflect the views or position of the European Commission or the Innovation and Network Executive Agency. Neither the authors nor the DOMINOES consortium is responsible for the use which might be made of the information contained in here.

## PUBLIC

<b>1</b>	<b>Introduction</b>	<b>6</b>
<b>2</b>	<b>Stakeholders and target groups</b>	<b>7</b>
<b>3</b>	<b>Public Deliverables</b>	<b>9</b>
<b>4</b>	<b>Key Performance Indicators (KPI)</b>	<b>11</b>
<b>5</b>	<b>Detailed KPI lists</b>	<b>16</b>
<b>6</b>	<b>Conclusions</b>	<b>38</b>
	<b>References</b>	<b>40</b>
	<b>APPENDIX I</b>	<b>41</b>

PUBLIC

## **Executive Summary**

This deliverable results from task 6.1 and includes the report for the last period activities concerning the dissemination planned by the consortium members, as described in D6.3 – Dissemination Plan.

The report contains inputs from the partners regarding WP6 and the dissemination activities of the project. Particularly, this report contains: stakeholders and target groups, fulfilment indicators and progress indicators, detailed KPI lists with 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 to workshops and international conferences, organization of scientific events, conferences, workshops and extra material, such as, thesis and dissemination material.

PUBLIC

## List of Acronyms

KPI	Key Performance Indicators
DER	Distributed Energy Resource
DR	Demand Response
DSO	Distribution System Operator
TSO	Transmission System Operator

## List of tables

Table 1 - Contact with Stakeholders and target groups .....	7
Table 2 - Public deliverables .....	9
Table 3 - Fulfilment indicators .....	11
Table 4 - Progress indicators.....	12
Table 5 - Blog Articles .....	16
Table 6 - Facebook posts .....	16
Table 7 - LinkedIn posts .....	16
Table 8 - Tweets (related to DOMINOES) .....	18
Table 9 - Reddit (replies and posts).....	20
Table 10 - Youtube visits .....	20
Table 11 - Number of traditional media (journals, radio, TV) communications and announcements.....	20
Table 12 - Press releases and press conferences .....	21
Table 13 - Submitted scientific journals .....	21
Table 14 - Published scientific journals.....	24
Table 15 - Submitted industrial journals.....	26
Table 16 - Published industrial journals .....	26
Table 17 - Conference papers written .....	26
Table 18 - International conference papers published .....	29
Table 19 - Book contributions written .....	31
Table 20 - Participations in international conferences and workshops.....	31
Table 21 - Participations in industrial exhibitions, conferences & workshops.....	33
Table 22 - Technical schools organized .....	34
Table 23 - Training courses organized .....	34
Table 24 - Special sessions organized in relevant international conferences.....	34
Table 25 - Participation in the organized special sessions.....	35
Table 26 - Workshops organized at international level .....	36
Table 27 - Representations in working groups.....	36
Table 28 - Theses .....	36
Table 29 - Newsletter .....	37
Table 30 - Promotional material.....	37

PUBLIC

# 1 Introduction

This deliverable (D6.6) is the final report of the dissemination activities, referring to the activities conducted during the third period of the project, according to the dissemination plan (D6.3) guidelines. The main goal of the dissemination activities is to promote a widespread dissemination of scientific and industrial results throughout the project lifespan.

The present report concerns the activities initially planned for the period from the third year and half (Y3) of the project, considering the months 25 to 42, namely regarding the period from 2019-10-01 to 2021-03-31. Due de amendment of the project, the period of this deliverable was extended from 2019-10-01 to 2021-06-30 (M45), which has allowed the consortium to improve the fulfilment of the planned targets for project dissemination, and even surpassing some of these targets, taking advantage on the project extension. The dissemination of the project beyond its lifespan is also safeguarded, namely by considering several activities that are already scheduled for periods after the project is finished, namely publication of scientific papers, organization of public events.

This document is composed of 6 chapters. After this introduction, chapter 2 addresses the stakeholder and target groups. Chapter 3 provides the list of public deliverables that have been produced and disseminated by the project. The 4th chapter presents a table with the summary of the project dissemination Key Performance Indicators (KPI). Chapter 5 contains the KPIs detailed information, using specific tables to present the different entries that have been done in the scope of each KPI. Finally, chapter 6 presents the conclusions taken from the dissemination activities of the project, as well as a brief discussion on the achievement of the different dissemination KPIs.

PUBLIC

## 2 Stakeholders and target groups

In D6.3, DOMINOES has identified relevant stakeholders who are required to be on board to ensure the success of the project:

- Society at large/ consumer organization/ private consumers
- Energy producers/ domestic producers/ Distributed Energy Resources (DERs)
- Energy aggregators
- Retailers
- Distribution System Operators (DSOs)/ Transmission System Operators (TSOs)
- Local authorities/ policy makers/ energy regulators
- Academia/ researchers/ students.

Table 1 provides an overview of the contacts made with the different types of stakeholders. Section 4, which is focused on the KPI analysis, provides a detailed description of the specific activities that each of the stakeholders have addressed.

**Table 1 - Contact with Stakeholders and target groups**

Partner's Name	Name and type of the contact	Date	Location	Description (Benefit of the meeting)
ISEP	Students	Several	ISEP, Porto	DOMINOES topics have been largely discussed with students during classes of Electricity Markets course.
CNET	EDP Comercial (retailer)	Several	Lisbon	Presentation of the project to EDP group's retailer and collect their feedback about Use Cases
Enerim	Low TRL project clustering events, other H2020 project participants	Several, 3 during project duration	Brussels, online	Learning from the other projects in the clustering events. More detailed discussions in the cluster "Business models"
Enerim	Research, DSO, TSO, aggregator	Several	Espoo, Finland	DOMINOES topics were discussed in the meetings and final event of national research project "Smart Ota-niemi" which is related to local markets
Enerim	Norwegian local energy solutions development project	22.10.2020	online	Presentation of DOMINOES concept and discussion of co-operation
LUT	Students	Several	Lap- peenranta, Finland	DOMINOES topics have been discussed with students in Electricity Market and Smart Grids courses.



**PUBLIC**

VPS	Energy producers/ Consumers/ Prosumers/ Retailers/ Aggregators/ Local Authorities	Several	Online	DOMINOES cases were presented in several business contacts to show-case the evolution of energy markets
VPS	Oxford Alumni in Energy (Society at large/ consumer organization/ private consumers)	15-08-2020	Oxford, online	Presentation of DOMINOES approach for worldwide top energy executives
VPS	Students from DSI Oxford said business school	29-05-2021	Oxford, online	Presentation of Local Energy Markets concept for Ecosystem Strategies with DOMINOES as main reference

PUBLIC

### 3 Public Deliverables

Public deliverables are open-access documents, and they can be accessed at DOMINOES website. Documents available in this URL: <http://dominoesproject.eu/documents/deliverables/>.

The state of the deliverable is presented in the last column (Status), as published (“√”), not published (“×”), or not available (“N/A”).<sup>2</sup>

**Table 2 - Public deliverables**

Del.	Deliverable name	WP	Lead participant	Type	Level	Due	Status
D1.1	Local market reference architecture and business requirements	WP1	Enerim	R	PU	M06	√
D1.2	ICT platform and connected energy network reference architecture design	WP1	VPS	R	PU	M09	√
D1.3	Use cases and application scenarios requirements	WP1	USE	R	PU	M09	√
D1.4	Implementation plan for the validation environment	WP1	CNET	R	PU	M18	√
D2.1	Enabling technology for transparent local p2p energy markets	WP2	USE	R	PU	M12	√
D2.2	Scalable local energy market architecture (first release)	WP2	Enerim	R, OTHER	PU	M15	√
D2.3	Scalable local energy market architecture (second release)	WP2	Enerim	R, OTHER	PU	M24	√
D2.4	Information exchange processes and solutions between local and centralized energy markets	WP2	LUT	R	PU	M24	√
D2.5	Tools for local energy market and end-user interaction	WP2	VPS	R, OTHER	PU	M24	√
D2.6	Design and implementation of a data security framework	WP2	UoL	R	PU	M22	√
D3.1	DR enabling services	WP3	ISEP	R, OTHER	PU	M28	√
D3.2	Report on DR modes of use from the DSO and energy provider perspective	WP3	CNET	R	PU	M30	√
D3.3	Report on DR at TSO and local levels	WP3	ISEP	R	PU	M30	√
D3.4	Services for customers based on smart metering	WP3	VPS	R, OTHER	PU	M34	√
D3.5	Report on aggregation based DR	WP3	Enerim	R	PU	M36	√
D3.6	Anomaly detection and implementation	WP3	UoL	R	PU	M36	√
D4.1	Overview of the validation framework	WP4	Enerim	R	PU	M24	√

<sup>2</sup> The table deadlines were continually updated

**PUBLIC**

Del.	Deliverable name	WP	Lead participant	Type	Level	Due	Status
D4.2	Secure data handling platform validation activities report	WP4	UoL	R	PU	M30	✓
D4.3	Simulation results of the local market components and models	WP4	LUT	R	PU	M30	✓
D4.4	Distribution grid and microgrid validation activities report	WP4	E-REDES	R	PU	M45 <sub>3</sub>	✓
D4.5	Synthesis of the local market concept	WP4	LUT	R	PU	M45 <sub>3</sub>	✓
D5.1	Formulation of alternative local market place enabled business models	WP5	ISEP	R	PU	M12	✓
D5.2	Integration scenario on wholesale, retail and ancillary energy markets	WP5	LUT	R	PU	M30	✓
D5.3	Cost benefit analysis of the business models	WP5	CNET	R	PU	M36	✓
D5.4	Roadmap to integrated energy market operation and management	WP5	Enerim	R	PU	M40	✓
D6.1	Project website online	WP6	ISEP	DEC	PU	M03	✓
D6.2	DOMINOES international Workshop	WP6	E-REDES	DEC	PU	M45 <sub>3</sub>	✓
D6.4	Dissemination Activity Report Year 1	WP6	ISEP	R	PU	M15	✓
D6.5	Dissemination Activity Report Year 2	WP6	ISEP	R	PU	M28	✓
D6.6	Dissemination Activity Report Year 3	WP6	ISEP	R	PU	M45 <sub>3</sub>	✓
D6.9	Standardization proposals Year 1	WP6	LUT	R	PU	M15	✓
D6.1 <sub>0</sub>	Standardization proposals Year 2	WP6	LUT	R	PU	M28	✓
D6.1 <sub>1</sub>	Standardization proposals Year 3	WP6	LUT	R	PU	M42	✓
D7.1	Project guidelines	WP7	Enerim	R	PU	M02	✓

<sup>3</sup> Transferred due the amendment.

PUBLIC

## 4 Key Performance Indicators (KPI)

The following two tables are related to KPI. The second last column (21 months accomplish) shows the actual accomplishment in the 21 months of the project. The last column (status) is based on the 21 months target and 21 months accomplish, presenting the status of each indicator. Three statuses are possible: accomplished (“√”); not accomplished (“x”); or not available (“N/A”).

**Table 3 - Fulfilment indicators**

KPI	Stakeholders addressed	21 months target	21 months accomplish	Status
Dissemination plan	All	N/A	N/A	N/A
Dissemination activity report	All	1	1	√
Project website	All	N/A	N/A	N/A
Project logo	All	-	-	-
Project WordPress blog	Society at large/ consumer organization/ private consumers Academia/ researchers/ students	N/A	N/A	N/A
LinkedIn project page	Energy producers/ domestic producers/ DERs Energy aggregators Retailers DSOs / TSOs H2020 projects	N/A	N/A	N/A
Twitter project page	Society at large/ consumer organization/ private consumers Energy producers/ domestic producers/ DERs Energy aggregators Retailers DSOs / TSOs Local authorities/ policy makers/ energy regulators H2020 projects	N/A	N/A	N/A
Reddit project page	Academia/ researchers/ students	N/A	N/A	N/A

PUBLIC

**Table 4 - Progress indicators**

KPI	Stakeholders addressed	21 months target	21 months accomplish	Status
No. of unique visitors to the public web portal*	All	800	3379 (Taken at 30-06-2021)	✓
No. articles in DOMINOES Blog	Society at large/ consumer organization/ private consumers Academia/ researchers/ students	13	16	✓
No. visits to DOMINOES LinkedIn page	Energy producers/ domestic producers/ DERs Energy aggregators Retailers DSOs / TSOs H2020 projects	500	4480 (Taken at 24-06-2021)	✓
No. of tweets related to DOMINOES (views)	Society at large/ consumer organization/ private consumers Energy producers/ domestic producers/ DERs Energy aggregators Retailers DSOs / TSOs Local authorities/ policy makers/ energy regulators H2020 projects	500	15577 (Taken at 29-06-2021)	✓
No. of posts and replies to DOMINOES Reddit topics	Academia/ researchers/ students	N/A	N/A	N/A
No. traditional media (journals, radio, TV) communications and announcements	Society at large/ consumer organization/ private consumers Energy producers/ domestic producers/ DERs Energy aggregators Retailers DSOs / TSOs	4	4 <sup>4</sup>	✓
No. press releases and press conferences	All	4	5 <sup>4</sup>	✓
No. submitted scientific journals	Academia/ researchers/ students Energy producers/ domestic producers/ DERS	10	23	✓
No. published scientific journals	Academia/ researchers/ students Energy producers/ domestic producers/ DERS	8	23	✓
No. submitted industrial journals	Energy producers/ domestic producers/ DERS Energy aggregators Retailers DSO/ TSO	1	0	×

<sup>4</sup> Some KPIs after project ends

**PUBLIC**

<b>KPI</b>	<b>Stakeholders addressed</b>	<b>21 months target</b>	<b>21 months accomplish</b>	<b>Status</b>
	Local authorities/ Policy Makers/ Energy Regulators			
No. published industrial journals	Energy producers/ domestic producers/ DERS Energy aggregators Retailers DSO/ TSO Local authorities/ Policy Makers/ Energy Regulators	1	0	×
No. conference papers written	Energy producers/ domestic producers/ DERS Energy aggregators Retailers DSO/ TSO Local authorities/ Policy Makers/ Energy Regulators Academia/ researchers/ students	10	24	✓
No. international conference papers published	Energy producers/ domestic producers/ DERS Energy aggregators Retailers DSO/ TSO Local authorities/ Policy Makers/ Energy Regulators Academia/ researchers/ students	9	21	✓
No. book contributions written	Energy producers/ domestic producers/ DERS All Academia/ researchers/ students	2	2	✓
No. participations in international conferences and workshops to promote DOMINOES	Energy producers/ domestic producers/ DERS Energy aggregators Retailers DSO/ TSO Local authorities/ Policy Makers/ Energy Regulators Academia/ researchers/ students	9	17	✓
No. participations in industrial exhibitions, conferences & workshops to promote DOMINOES	Energy producers/ domestic producers/ DERS Energy aggregators Retailers DSO/ TSO Local authorities/ Policy Makers/ Energy Regulators	4	6	✓
No. technical schools organized	Energy producers/ domestic producers/ DERS	N/A	1 <sup>5</sup>	N/A

<sup>5</sup> After project ends

**PUBLIC**

KPI	Stakeholders addressed	21 months target	21 months accomplish	Status
	Academia/ researchers/ students			
No. participants in the technical school	Energy producers/ domestic producers/ DERS Academia/ researchers/ students	N/A	N/A	N/A
No. training courses organized	Energy producers/ domestic producers/ DERS Academia/ researchers/ students	N/A	N/A	N/A
No. participants in the training course	Energy producers/ domestic producers/ DERS Academia/ researchers/ students	N/A	N/A	N/A
No. special sessions organized in relevant international conferences	Energy producers/ domestic producers/ DERS Energy aggregators Retailers DSO/ TSO Local authorities/ Policy Makers/ Energy Regulators Academia/ researchers/ students	1	7	✓
No. participants in the organized special sessions	Energy producers/ domestic producers/ DERS Energy aggregators Retailers DSO/ TSO Local authorities/ Policy Makers/ Energy Regulators Academia/ researchers/ students	25	570	✓
No. workshops organized at international level	Energy producers/ domestic producers/ DERS Energy aggregators Retailers DSO/ TSO Local authorities/ Policy Makers/ Energy Regulators Academia/ researchers/ students	1	4	✓
No. participants in the international workshop	Energy producers/ domestic producers/ DERS Energy aggregators Retailers DSO/ TSO Local authorities/ Policy Makers/ Energy Regulators Academia/ researchers/ students	50	493	✓
No. representations in working groups	Retailers DSO/ TSO Local authorities/ Policy Makers/ Energy Regulators Academia/ researchers/ students	2	4	✓

## DOMINOES DISSEMINATION ACTIVITY REPORT YEAR 3

PUBLIC

KPI	Stakeholders addressed	21 months target	21 months accomplish	Status
Newsletter	Energy producers/ domestic producers/ DERs /Energy aggregators/ Retailers/ DSOs / TSOs	5	5	✓



PUBLIC

## 5 Detailed KPI lists

The content of the following tables is sorted from the oldest to the most recent.

**Table 5 - Blog Articles**

Nº	Partner	Title	Author	Date
Last 21 months: 1-10-2019 to 30-06-2021				
1	ISEP	H2020 DOMINOES major achievement	Filipe Sousa	17-10-2019
2	ISEP	DOMINOES @European Utility Week	Filipe Sousa	5-11-2019
3	ISEP	Newest deliverables	Filipe Sousa	21-02-2020
4	ISEP	New deliverable online	Filipe Sousa	14-04-2020
5	ISEP	Newsletter nº 2	Filipe Sousa	20-04-2020
6	ISEP	DOMINOES presentation @OPAL-RT event	Filipe Sousa	19-06-2020
7	ISEP	Newsletter nº 3	Filipe Sousa	10-08-2020
8	ISEP	DOMINOES presentation at ISGT-EuropeThe 2020 IEEE PES Innovative	Filipe Sousa	01-11-2020
9	ISEP	DOMINOES will be hosting a (free) webinar	Filipe Sousa	11-11-2020
10	ISEP	DOMINOES in several websites	Filipe Sousa	23-11-2020
11	ISEP	Recordings and presentations of DOMINOES webinar	Filipe Sousa	02-12-2020
12	ISEP	Recent updates	Filipe Sousa	08-02-2021
13	ISEP	DOMINOES project in Valverde, Portugal	Filipe Sousa	23-02-2021
14	ISEP	DOMINOES final event, tomorrow 15 <sup>th</sup>	Filipe Sousa	14-06-2021
15	ISEP	Slides of DOMINOES final event	Filipe Sousa	16-06-2021
16	ISEP	Recording of DOMINOES final event	Filipe Sousa	16-06-2021

**Table 6 - Facebook posts**

Nº	Partner	Title	Post Reached	Author	Date
No more actions in this platform					

**Table 7 - LinkedIn posts**

Nº	Partner	Title	People Reached	Author	Date
Last 21 months: 1-10-2019 to 30-06-2021					
1	CNET	DOMINOES PROJECT partners participate in the H2020 Low TRL Smart Grids and Storage Projects clustering event, organized by INEA	150	Alexandre Neto	03-10-2019
2	CNET	DOMINOES PROJECT major achievement: paper "Towards	199	Alexandre Neto	17-10-2019

**PUBLIC**

		transactive energy systems: An analysis on current trends”			
3	CNET	Presentations of the DOMINOES PROJECT #EEM19 Special Session	82	Alexandre Neto	21-10-2019
4	CNET	DOMINOES PROJECT Newsletter#1	177	Alexandre Neto	29-10-2019
5	CNET	Deliverables D3.1, D6.5 and D6.10	235	Alexandre Neto	21-2-2020
6	CNET	Deliverable D3.2	163	Eduardo Rodrigues	14-4-2020
7	CNET	Deliverable D3.3	135	Eduardo Rodrigues	20-4-2020
8	CNET	Deliverable D5.2	112	Eduardo Rodrigues	27-4-2020
9	CNET	4 journals of 2020	156	Eduardo Rodrigues	5-6-2020
10	CNET	Deliverable D4.3	224	Eduardo Rodrigues	12-6-2020
11	CNET	DOMINOES results "Multi-Agent-Based Real Time Infrastructure for Energy”	140	Eduardo Rodrigues	20-6-2020
12	CNET	Webinar "Energy Citizenship in the Digital Era"	194	Eduardo Rodrigues	22-6-2020
13	CNET	Deliverable D3.4	167	Eduardo Rodrigues	31-7-2020
14	CNET	DOMINOES PROJECT Newsletter #3	280	Eduardo Rodrigues	11-8-2020
15	CNET	For those who missed the DIGI-USER Webinar on Energy Citizenship	114	Eduardo Rodrigues	25-9-2020
16	CNET	Deliverable D3.5	124	Eduardo Rodrigues	20-10-2020
17	CNET	2020 IEEE PES Innovative Smart Grid Technologies Europe DOMINOES presented two papers, “Scheduling of Battery Energy Storage and Demand Response Resource in Balancing Ancillary Service” and “Optimal Distribution Grid Operation Using Demand Response”	224	Eduardo Rodrigues	4-11-2020
18	CNET	New publication of DOMINOES partners, with the title: " MARLINE: Multi-Source Mapping Transfer Learning for Non-Stationary Environments	106	Eduardo Rodrigues	10-11-2020
19	CNET	DOMINOES webinar	210	Eduardo Rodrigues	11-11-2020

**PUBLIC**

20	CNET	DOMINOES in the H2020 Low TRL Smart Grids and Storage Projects Clustering Workshop	209	Eduardo Rodrigues	27-11-2020
21	CNET	Recordings and presentations of the "How to design a scalable local market" webinar	79	Eduardo Rodrigues	03-12-2020
22	CNET	Deliverable D3.6	80	Eduardo Rodrigues	04-01-2021
23	CNET	DOMINOES PROJECT Newsletter #4	85	Eduardo Rodrigues	11-01-2021
24	CNET	Deliverable D5.4	78	Eduardo Rodrigues	08-02-2021
25	CNET	DOMINOES project in Valverde, Portugal E-Redes, one of DOMINOES partners, has conducted a customer engagement initiative in Valverde, Portugal.	113	Eduardo Rodrigues	24-02-2021
26	CNET	Deliverable D6.11	40	Eduardo Rodrigues	22-04-2021
27	CNET	EDP NEW R&D - Centre for New Energy Technologies, one of the DOMINOES partners, is promoting R&D Session #14: Local Energy and Flexibility Markets, where the framework developed in DOMINOES will be presented, together with the Cost Benefit Analysis over the projects' Business Models	131	Eduardo Rodrigues	29-04-2021
28	CNET	DOMINOES is one of the projects mentioned by @Enlit-Europe	119	Eduardo Rodrigues	04-05-2021
29	CNET	DOMINOES final event invitation	138	Eduardo Rodrigues	20-05-2021
30	CNET	DOMINOES PROJECT Newsletter #5	132	Eduardo Rodrigues	25-05-2021
31	CNET	Recording and presentation of DOMINOES final event	84	Eduardo Rodrigues	21-06-2021

**Table 8 - Tweets (related to DOMINOES)**

Nº	Partner	Title	People Reached	Author	Date
Last 21 months: 1-10-2019 to 30-06-2021					
1	E-REDES	Several @ProjectDOMINOES partners will participate in the H2020 Low TRL Smart Grids	1002	DOMINOES PROJECT	03-10-2019
2	E-REDES	Major Achievement	764	DOMINOES PROJECT	17-10-2019
3	E-REDES	Newsletter #1	696	DOMINOES PROJECT	29-10-2019
4	E-REDES	EUW_live	477	DOMINOES	05-11-2019

## DOMINOES DISSEMINATION ACTIVITY REPORT YEAR 3

PUBLIC

				PROJECT	
5	E-REDES	The most recent deliverables D3.1+D6.5+D6.10	616	DOMINOES PROJECT	26-02-2020
6	E-REDES	Deliverable available, D3.2	333	DOMINOES PROJECT	14-04-2020
7	E-REDES	Deliverable available, D3.3	267	DOMINOES PROJECT	20-04-2020
8	E-REDES	Deliverable available, D5.2	631	DOMINOES PROJECT	27-04-2020
9	E-REDES	Check our 4 journals	508	DOMINOES PROJECT	05-06-2020
10	E-REDES	Deliverable available, D4.3	358	DOMINOES PROJECT	15-06-2020
11	E-REDES	Presentation results	275	DOMINOES PROJECT	22-06-2020
12	E-REDES	Webinar "Energy Citizenship in the Digital Era"	323	DOMINOES PROJECT	22-06-2020
13	E-REDES	Deliverable available, D3.4	292	DOMINOES PROJECT	17-08-2020
14	E-REDES	Newsletter #3	562	DOMINOES PROJECT	28-08-2020
15	E-REDES	For those who missed the DIGI-USER Webinar	272	DOMINOES PROJECT	21-09-2020
16	E-REDES	New deliverable available, D3.5	263	DOMINOES PROJECT	19-10-2020
17	E-REDES	We have one more deliverable available, D5.3	254	DOMINOES PROJECT	26-10-2020
18	E-REDES	DOMINOES presented in 2020 IEEE PES ISGT	229	DOMINOES PROJECT	04-11-2020
19	E-REDES	DOMINOES presented "Scheduling of Battery Energy Storage	259	DOMINOES PROJECT	04-11-2020
20	E-REDES	New DOMINOES paper, "MARLINE	329	DOMINOES PROJECT	10-11-2020
21	E-REDES	@ProjectDOMINOES will be hosting a (free) webinar	534	DOMINOES PROJECT	11-11-2020
22	E-REDES	Just a reminder, do not forget to register in our free webinar "How to	328	DOMINOES PROJECT	23-11-2020
23	E-REDES	Yes, DOMINOES will be attending in the @inea_eu workshop	402	DOMINOES PROJECT	27-11-2020
24	E-REDES	Recordings and presentations of the "How to design a scalable local market" webinar are available at: <a href="https://bit.ly/2JJ1Y8l">https://bit.ly/2JJ1Y8l</a>	292	Rita Piteira	03-12-2020
25	E-REDES	Check our newest deliverable available, D3.6, Anomaly Detection Component.	3679	Rita Piteira	21-12-2020
26	E-REDES	New deliverable available D5.4, with the title: "Roadmap to integrated energy market operation and management".	161	Rita Piteira	08-02-2021

**PUBLIC**

27	E-REDES	DOMINOES partner, E-Redes, has conducted a customer engagement initiative in Valverde, Portugal.	206	Rita Piteira	24-02-2021
28	E-REDES	New deliverable available D6.11, with the title: "Standardization proposals Year 3".	80	Rita Piteira	22-04-2021
29	E-REDES	EDP NEW R&D, one of DOMINOES partners, promotes R&D Session #14: Local Energy and Flexibility Markets, where DOMINOES local market framework and CBA will be presented.	82	Rita Piteira	30-04-2021
30	E-REDES	DOMINOES is one of the projects mentioned by @Enlit_Europe	511	Rita Piteira	04-05-2021
31	E-REDES	DOMINOES project is coming to an end and invites you to its final event on the 15th of June (@zoom). Registration is free, but mandatory.	305	Rita Piteira	20-05-2021
32	E-REDES	DOMINOES PROJECT Newsletter #5 Check the more recent news about the project.	82	Rita Piteira	25-05-2021
33	E-REDES	It is just a reminder of tomorrow's DOMINOES final event, if you are not registered yet, it is still possible, just follow the link: <a href="https://bit.ly/3fw32ZM">https://bit.ly/3fw32ZM</a>	205	Rita Piteira	14-06-2021

**Table 9 - Reddit (replies and posts)**

Nº	Partner	Title	People Reached	Author	Date
No more actions in this platform					

**Table 10 - Youtube visits**

Nº	Partner	Title	People Reached	Author	Date
No more actions in this platform					

**Table 11 - Number of traditional media (journals, radio, TV) communications and announcements**

Nº	Partner	Name of media	Title or Description	People Reached	Language	Date
Last 21 months: 1-10-2019 to 30-06-2021						
1	ISEP	Several	(Lusa); observador; portugalglobal; eco.sapo; oinstalador; noticia-saominuto; pt.cision; theworldnews;msn	5000	Portuguese	06-11-2020 to 09-11-2020
2	ISEP	Magazine	<a href="https://www.renovaveismagazine.pt/isep-na-vanguarda-da-id-">https://www.renovaveismagazine.pt/isep-na-vanguarda-da-id-</a>	300	Portuguese	19-02-2021

**PUBLIC**

			<a href="#">para-integracao-de-energias-renovaveis/</a>			
3	USE	(journal will be online or printed)	<a href="http://www.aicia.es">http://www.aicia.es</a>	~250	Spanish	After June 2021
4	E-REDES	Local media (online or printed) in Évora district area	Projeto europeu DO-MINOES desenvolve mercado de energia local em Valverde (Interview in local press)	~1500	Portuguese	Mid July 2021

**Table 12 - Press releases and press conferences**

Nº	Partner	Title	People Reached	Location	Event Date
Last 21 months: 1-10-2019 to 30-06-2021					
1	Enerim	DOMINOES creates scalable local energy market model for Europe	N/A	Finland	23-06-2021
2	E-REDES	Projeto europeu DOMINOES desenvolve mercado de energia local em Valverde	N/A	Portugal	Mid July 2021
3	ISEP	End of the project (or before or special session) ISEP website	N/A	Portugal	July 2021 (after project's conclusion)
4	CNET	DOMINOES Project, Local Energy and Flexibility Markets Impacting End-Users and Communities Overview and main results benefits general results.	N/A	Portugal	July/August 2021 (after project's conclusion)
5	VPS	DOMINOES project and the value from Local Energy Markets for future energy communities	N/A	Portugal	July/August 2021 (after project's conclusion)

**Table 13 - Submitted scientific journals**

Nº	Partner	Paper	Link/DOI
Last 21 months: 1-10-2019 to 30-06-2021			
1	ISEP	Omid Abrishambaf, Fernando Lezama, Pedro Faria, Zita Vale, "Towards transactive energy systems: An analysis on current trends", Energy Strategy Reviews, vol. 26, November 2019	Submitted
2	ISEP	Cátia Silva, Pedro Faria, Zita Vale, "Rating the Participation in Demand Response Programs for a More Accurate Aggregated Schedule of Consumers after Enrolment Period", Electronics, 2020, 9(2), 349	Submitted
3	ISEP	Cátia Silva, Pedro Faria, Zita Vale, "Combining real-time and fixed tariffs in the demand response	Submitted

**PUBLIC**

		aggregation and remuneration”, Energy Reports, Volume 6, Supplement 1, February 2020, Pages 114-119, ISSN 2352-4847	
4	ISEP	Omid Abrishambaf, Pedro Faria, Zita Vale, “Ramping of Demand Response Event with Deploying Distinct Programs by an Aggregator”, Energies, 2020, 13(6), 1389	Submitted
5	UoL	Fengyin Li, Rui Ge, Huiyu Zhou, Yilei Wang, Zhongxing Liu, Xiaomei Yu, "Tesia: A trusted efficient service evaluation mod-el in IoT based on improved aggregation signature", Concurrency and Computation: Practice and Experience, 5739, 2020 Early online publication.	Submitted
6	UoL	Fengyin Li, Can Cui, Dongfeng Wang, Zhongxing Liu, Nebrase Elmrabbit, Ying Wang, Huiyu Zhou, "Privacy-aware secure anonymous communication protocol in CPSS", IEEE Access.	Submitted
7	ISEP	Pierfrancesco Corsi, Pedro Faria, Zita Vale, “Effects of elasticity parameter definition for real-time pricing remuneration considering different user types”, Energy Reports, Volume 6, Supplement 1, February 2020, Pages 127-132, ISSN 2352-4847	Submitted
8	ISEP	Fernando Lezama, Ricardo Faia, Pedro Faria, Zita Vale, "Demand Response of Residential Houses Equipped with PV-Battery Systems: an Application Study using Evolutionary Algorithms", Energies, 12 April 2020	Submitted
9	ISEP	Hugo Morais, Tiago Pinto, Zita Vale, "Adjacent Markets Influence Over Electricity Trading – Iberian Benchmark Study", Energies, 1 June 2020	Submitted
10	UoL	Fengyin Li, Zhongxing Liu, Tao Li, Hongwei Ju, Hua Wang and Huiyu Zhou "Privacy-aware PKI Model with strong forward security", International Journal of Intelligent Systems, 30 August 2020	Submitted
11	UoL	Nebrase Elmrabbit, Shuang-HuaYang, Lili Yang and Huiyu Zhou "Insider threat risk prediction based on Bayesian network", Computer & Security. 2020, Vol. 96, 101908, September 2020	Submitted
12	UoL	Xiaomei Yu, Fengyin Li, Tao Li, Nan Wu, Hua Wang and Huiyu Zhou "Trusted-based secure directed diffusion routing protocol in WSN", Journal of Ambient Intelligence and Humanized Computing, 14 June 2020	Submitted
13	UoL	Fengyin Li, Dongfeng Wang, Dongfeng Wang, Xiaomei Yu, Nan Wu, Jiguo Yu and Huiyu Zhou "Wireless communication and mobile computing blockchain-based trust management in distributed Internet of Things", Wireless Communications and Mobile Computing. 2020, Article ID: 8864533, 10, September 2020	Submitted

**PUBLIC**

14	UoL	Fengyin Li, Dongfeng Wang, Hongwei Ju, Dongfeng Wang, Wang, Z., Huiyu Zhou "Farp-Scusn: Fully anonymous touting protocol with self-healing capability in unstable sensor networks", <i>Sensors</i> . 2020, 20(22), 6683, 7 October 2020	Submitted
15	ISEP	Cátia Silva, Pedro Faria, Zita Vale, "Rating Consumers Participation in Demand Response Programs According to Previous Events", (Presented during ICEER2020 – 7th International Conference on Energy and Environment Research - 14th – 17th September), <i>Energy Reports</i> , Volume 6, Supplement 8, Pages 195-200, December 2020	Submitted
16	ISEP	Ricardo Faia, João Soares, Tiago Pinto, Fernando Lezama, Zita Vale, Juan Manuel Corchado Optimal Model for Local Energy Community Scheduling Considering Peer to Peer Electricity Transactions, <i>IEEE Access</i> , vol. 9, pp. 12420-12430, 12 January 2021	Submitted
17	UoL	Fengyin Li, Pei Ren, Guoyu Yang, Yuhong Sun, Dongfeng Wang, Dongfeng Wang, Siyuan Li and Huiyu Zhou "An efficient anonymous communication scheme to protect the privacy of the source node location in the Internet of Things", <i>Security and Communication Networks</i> , 18 December 2020	Submitted
18	USE	Carlos García, Luis Galván, Juan Carrasco, Eduardo Galván, "Sizing and Management of Energy Storage Systems in Large-Scale Power Plants Using Price Control and Artificial Intelligence", <i>Energies</i> , 4 June 2021	Submitted
19	ISEP	Ricardo Faia, Tiago Pinto, Zita Vale, Juan Manuel Corchado, "Portfolio optimization of electricity markets participation using forecasting error in risk formulation", <i>International Journal of Electrical Power &amp; Energy Systems</i> , vol. 129, July 2021	Submitted
20	ISEP	Tiago Pinto, Michael Wooldridge, Zita Vale, "Consumer flexibility aggregation using partition function games with non-transferable utility", <i>IEEE Access</i> , vol. 9, pp. 51519-51535, 29 March 2021	Submitted
21	ISEP, Enerim	Fernando Lezama, Joao Soares, Ricardo Faia, Zita Vale, Olli Kilkki, Sirpa Repo, Jan Segerstam, "Bidding in local electricity markets with cascading wholesale market integration", <i>International Journal of Electrical Power &amp; Energy Systems</i> , Volume 131, October 2021, ISSN 0142-0615	Submitted
22	LUT, VPS, Enerim	Salla Annala, Lurian Klein, Luísa Matos, Sirpa Repo, Olli Kilkki, Arun Narayanan, Samuli Honkapuro, "Framework to Facilitate Electricity and Flexibility Trading within, to, and from Local Markets", <i>Energies</i> , 2021, 14(11), 3229	Submitted



PUBLIC

**Table 14 - Published scientific journals**

Nº	Partner	Paper	Link/DOI
Last 21 months: 1-10-2019 to 30-06-2021			
1	ISEP	Omid Abrishambaf, Fernando Lezama, Pedro Faria, Zita Vale, "Towards transactive energy systems: An analysis on current trends", Energy Strategy Reviews, vol. 26, November 2019	<a href="https://doi.org/10.1016/j.esr.2019.100418">https://doi.org/10.1016/j.esr.2019.100418</a>
2	ISEP	Cátia Silva, Pedro Faria, Zita Vale Rating the Participation in Demand Response Programs for a More Accurate Aggregated Schedule of Consumers after Enrolment Period Electronics, 9(2), 349, February 2020	<a href="https://doi.org/10.3390/electronics9020349">https://doi.org/10.3390/electronics9020349</a>
3	ISEP	Cátia Silva, Pedro Faria, Zita Vale, "Combining real-time and fixed tariffs in the demand response aggregation and remuneration", Energy Reports, Volume 6, Supplement 1, February 2020, Pages 114-119, ISSN 2352-4847	<a href="https://doi.org/10.1016/j.egy.2019.08.028">https://doi.org/10.1016/j.egy.2019.08.028</a>
4	ISEP	Omid Abrishambaf, Pedro Faria, Zita Vale Ramping of Demand Response Event with Deploying Distinct Programs by an Aggregator Energies, 13(6), 1389, March 2020	<a href="https://doi.org/10.3390/en13061389">https://doi.org/10.3390/en13061389</a>
5	UoL	Fengyin Li, Rui Ge, Huiyu Zhou, Yilei Wang, Zhongxing Liu, Xiaomei Yu, "Tesia: A trusted efficient service evaluation model in IoT based on improved aggregation signature", Concurrency and Computation: Practice and Experience, 5739, March 2020	<a href="https://doi.org/10.1002/cpe.5739">https://doi.org/10.1002/cpe.5739</a>
6	UoL	Fengyin Li, Can Cui, Dongfeng Wang, Zhongxing Liu, Nebrase Elmrabbit, Ying Wang, Huiyu Zhou, "Privacy-aware secure anonymous communication protocol in CPSS", IEEE Access, vol. 8, pp. 62660-62669, March 2020	<a href="https://doi.org/10.1109/ACCESS.2020.2982961">https://doi.org/10.1109/ACCESS.2020.2982961</a>
7	ISEP	Pierfrancesco Corsi, Pedro Faria, Zita Vale, "Effects of elasticity parameter definition for real-time pricing remuneration considering different user types", Energy Reports, Volume 6, Supplement 1, Pages 127-132, February 2020, ISSN 2352-4847	<a href="https://doi.org/10.1016/j.egy.2019.08.028">https://doi.org/10.1016/j.egy.2019.08.028</a>
8	ISEP	Fernando Lezama, Ricardo Faia, Pedro Faria, Zita Vale, "Demand Response of Residential Houses Equipped with PV-Battery Systems: an Application Study using Evolutionary Algorithms", Energies, 12 April 2020	<a href="https://doi.org/10.3390/en13102466">https://doi.org/10.3390/en13102466</a>
9	ISEP	Hugo Morais, Tiago Pinto, Zita Vale, "Adjacent Markets Influence Over Electricity Trading – Iberian Benchmark Study", Energies, 1 June 2020	<a href="https://doi.org/10.3390/en13112808">https://doi.org/10.3390/en13112808</a>
10	UoL	Fengyin Li, Zhongxing Liu, Tao Li, Hongwei Ju, Hua Wang and Huiyu Zhou "Privacy-aware PKI Model with strong forward security", International Journal of Intelligent Systems, 30 August 2020	<a href="https://doi.org/10.1002/int.22283">https://doi.org/10.1002/int.22283</a>

**PUBLIC**

11	UoL	Nebrase Elmrabit, Shuang-HuaYang, Lili Yang, Huiyu Zhou "Insider threat risk prediction based on Bayesian network", Computer & Security. 2020, Vol. 96, 101908, September 2020	<a href="https://doi.org/10.1016/j.cose.2020.101908">https://doi.org/10.1016/j.cose.2020.101908</a>
12	UoL	Xiaomei Yu, Fengyin Li, Tao Li, Nan Wu, Hua Wang, Huiyu Zhou "Trusted-based secure directed diffusion routing protocol in WSN", Journal of Ambient Intelligence and Humanized Computing, 10 November 2020	<a href="https://doi.org/10.1007/s12652-020-02638-z">https://doi.org/10.1007/s12652-020-02638-z</a>
13	UoL	Fengyin Li, Dongfeng Wang, Hongwei Ju, Dongfeng Wang, Wang, Z. and Huiyu Zhou "Farp-Scusn: Fully anonymous touting protocol with self-healing capability in unstable sensor networks", Sensors. 2020, 20(22), 6683, 22 November 2020	<a href="https://doi.org/10.3390/s20226683">https://doi.org/10.3390/s20226683</a>
14	UoL	Fengyin Li, Dongfeng Wang, Dongfeng Wang, Xiaomei Yu, Nan Wu, Jiguo Yu, Huiyu Zhou "Wireless communication and mobile computing blockchain-based trust management in distributed Internet of Things", Wireless Communications and Mobile Computing. 2020, Article ID: 8864533. 19 December 2020	<a href="https://doi.org/10.1155/2020/8864533">https://doi.org/10.1155/2020/8864533</a>
15	ISEP	Cátia Silva, Pedro Faria, Zita Vale, "Rating Consumers Participation in Demand Response Programs According to Previous Events", (Presented during ICEER2020 – 7th International Conference on Energy and Environment Research - 14th – 17th September), Energy Reports, Volume 6, Supplement 8, Pages 195-200, December 2020	<a href="https://doi.org/10.1016/j.egyr.2020.11.101">doi.org/10.1016/j.egyr.2020.11.101</a>
16	ISEP	Ricardo Faia, João Soares, Tiago Pinto, Fernando Lezama, Zita Vale, Juan Manuel Corchado, "Optimal Model for Local Energy Community Scheduling Considering Peer to Peer Electricity Transactions", IEEE Access, vol. 9, pp. 12420-12430, 12 January 2021	<a href="https://doi.org/10.1109/ACCESS.2021.3051004">https://doi.org/10.1109/ACCESS.2021.3051004</a>
17	UoL	Fengyin Li, Pei Ren, Guoyu Yang, Yuhong Sun, Dongfeng Wang, Dongfeng Wang, Siyuan Li and Huiyu Zhou "An efficient anonymous communication scheme to protect the privacy of the source node location in the Internet of Things", Security and Communication Networks. 24 February 2021	<a href="https://doi.org/10.1155/2021/6670847">https://doi.org/10.1155/2021/6670847</a>
18	USE	Carlos García, Luis Galván, Juan Carrasco, Eduardo Galván, "Sizing and Management of Energy Storage Systems in Large-Scale Power Plants Using Price Control and Artificial Intelligence", Energies, June 2021	<a href="https://doi.org/10.3390/en14113296">https://doi.org/10.3390/en14113296</a>
19	ISEP	Ricardo Faia, Tiago Pinto, Zita Vale, Juan Manuel Corchado, "Portfolio optimization of electricity markets participation using forecasting error in risk formulation", International Journal of Electrical Power & Energy Systems, vol. 129, July 2021	<a href="https://doi.org/10.1016/j.ijepes.2020.106739">https://doi.org/10.1016/j.ijepes.2020.106739</a>

PUBLIC

20	ISEP	Tiago Pinto, Michael Wooldridge, Zita Vale, "Consumer flexibility aggregation using partition function games with non-transferable utility", IEEE Access, vol. 9, pp. 51519-51535, 29 March 2021	<a href="https://doi.org/10.1109/ACCESS.2021.3069416">https://doi.org/10.1109/ACCESS.2021.3069416</a>
21	ISEP, En-erim	Fernando Lezama, Joao Soares, Ricardo Faia, Zita Vale, Olli Kilkki, Sirpa Repo, Jan Segerstam, "Bidding in local electricity markets with cascading wholesale market integration", International Journal of Electrical Power & Energy Systems, Volume 131, October 2021, ISSN 0142-0615	<a href="https://doi.org/10.1016/j.ijepes.2021.107045">https://doi.org/10.1016/j.ijepes.2021.107045</a>
22	LUT, VPS, Enerim	Salla Annala, Lurian Klein, Luísa Matos, Sirpa Repo, Olli Kilkki, Arun Narayanan, Samuli Honkapuro, "Framework to Facilitate Electricity and Flexibility Trading within, to, and from Local Markets", Energies, 2021, 14(11), 3229	<a href="https://doi.org/10.3390/en14113229">https://doi.org/10.3390/en14113229</a>

**Table 15 - Submitted industrial journals**

Nº	Partner	Paper	Link/DOI
Last 21 months: 1-10-2019 to 30-06-2021			
-	-	-	-

**Table 16 - Published industrial journals**

Nº	Partner	Paper	Link/DOI
Last 21 months: 1-10-2019 to 30-06-2021			
-	-	-	-

**Table 17 - Conference papers written**

Nº	Partner	Paper	Link/DOI
Last 21 months: 1-10-2019 to 30-06-2021			
1	ISEP	Tiago Pinto, Zita Vale, "Distributed learning of energy contracts negotiation strategies with collaborative reinforcement learning," 2019 16th International Conference on the European Energy Market (EEM), Ljubljana, Slovenia, pp. 1-6, 18-20 September, 2019	Submitted
2	ISEP	Ricardo Faia, Tiago Pinto, Zita Vale, Juan Corchado, "A Local Electricity Market Model for DSO Flexibility Trading," 2019 16th International Conference on the European Energy Market (EEM), Ljubljana, Slovenia, pp. 1-5, 18-20 September, 2019	Submitted
3	UoL	Nebrase Elmrabit, Feixiang Zhou, Fengyin Li, Huiyu Zhou, "Evaluation of machine learning algorithms for anomaly detection", submitted to Cyber Science 2020, Dublin, Ireland, June 15-17, 2020	Submitted

**PUBLIC**

4	E-REDES, ISEP, CNET	José Terras, Zita Vale, Pedro Faria, Cátia Silva, "Consumers Modelling and Clustering for the Use of Flexibility to Mitigate Network Congestion, CIRED Workshop 2020, Berlin 22-23 September 2020	Submitted
5	LUT, Enerim, E-REDES, CNET	Salla Annala, Samuli Honkapuro, Sirpa Repo, Olli Kilkki, José Manuel Terras, Alexandre Neto, "Interaction between local and open energy markets – guidelines for local market design", CIRED Workshop 2020, Berlin 22-23 September 2020	Submitted
6	E-REDES, LUT, Enerim	José Terras, José Sousa, Gisela Mendes, Eduardo Rodrigues, Alexandre Neto, Salla Annala, Sirpa Repo, Olli Kilkki, "Local Flexibility Markets and the role of Active Customers and Communities supporting Grid System Operators - DOMINOES Engagement Plan", CIRED Workshop 2020, Berlin 22-23 September 2020	Submitted
7	Enerim, LUT, E-REDES	Sirpa Repo, Olli Kilkki, Salla Annala, José Terras, Bernardo Almeida, "Local flexibility market balance settlement", CIRED Workshop 2020, Berlin 22-23 September 2020	Submitted
8	ISEP	Catarina Ribeiro, Tiago Pinto, Zita Vale, José Baptista, "Data Mining for Remuneration of Consumers Demand Response Participation", International Conference on Practical Applications of Agents and Multi-Agent Systems. PAAMS 2020, 7-9 October, L'Aquila, Italy	Submitted
9	ISEP	Tiago Pinto, Luis Gomes, Pedro Faria, Filipe Sousa, Zita Vale, "MARTINE: Multi-agent based real-time infrastructure for energy", AAMAS 2020 / IFAAMAS, May, 2020	Submitted
10	ISEP	Fernando Lezama, Tiago Pinto, Ricardo Faia, Zita Vale, "Exploiting flexibility of end-users at DSO-TSO levels acting in dynamic coalitions", PESGM, 2-5 August 2020, Montréal, Canada	Submitted
11	ISEP	Tiago Pinto, Zita Vale, "Contextual Q-Learning", 24th European Conference on Artificial Intelligence - ECAI 2020", 29 August – 8 September 2020, Santiago de Compostela	Submitted
12	ISEP	Omid Abrishambaf, Pedro Faria, Zita Vale, Aggregation of Consumers Participation in the Ramping of a Demand Response Event", EEM2020 – International Conference on the European Energy Market, 16th – 18th September	Submitted
13	ISEP	Meysam Khojasteh, Pedro Faria, Zita Vale, "Primary Frequency Control Ancillary Service in Distribution Network by Coordinated Scheduling of Wind Power and Demand Response", EEM2020 – International Conference on the European Energy Market, 16-18 September	Submitted

**PUBLIC**

14	ISEP	Fernando Lezama, Joao Soares, Ricardo Faia, Pedro Faria, Zita Vale, "Learning Bidding Strategies in Local Electricity Markets using a Nature-Inspired Algorithm", EEM2020 – International Conference on the European Energy Market, 16-18 September	Submitted
15	ISEP	Cátia Silva, Pedro Faria, Zita Vale, "Rating the Participation of Electricity Consumers in Demand Response Events", EEM2020 – International Conference on the European Energy Market, 16-18 September, Stockholm (online)	Submitted
16	USE	Pablo Gómez, Luis Galván, Eduardo Galván, Juan Carrasco, "Energy Storage Systems Current Ripple Reduction for DC-Link Balancing Method in Hybrid CHB Topology", IECON 2020, Singapore, 18-21 October 2020	Submitted
17	ISEP, E-REDES	Ricardo Faia, Bruno Canizes, Pedro Faria, Zita Vale, José M. Terras, Luís V. Cunha, "Optimal Distribution Grid Operation Using Demand Response", 2020 IEEE PES Innovative Smart Grid Technologies Europe (ISGT-Europe), October 26-28, 2020	Submitted
18	ISEP	Meysam Khojasteh, Pedro Faria, Zita Vale, "Scheduling of Battery Energy Storage and Demand Response Resource in Balancing Ancillary Service", 2020 IEEE PES Innovative Smart Grid Technologies Europe (ISGT-Europe), October 26-28, 2020	Submitted
19	UoL	Honghui Du, Leandro L. Minku, Huiyu Zhou, "MARLINE: Multi-Source Mapping Transfer Learning for Non-Stationary Environments", 20th IEEE International Conference on Data Mining (ICDM), Sorrento, Italy, 17-20 November, 2020	Submitted
20	ISEP	Omid Abrishambaf, Cátia Silva, Pedro Faria, Zita Vale, "An Optimization Based Community Model of Consumers and Prosumers: A Real-Time Simulation and Emulation Approach", 3rd International Conference on Renewable Energy (ICREN 2020), Montrouge, France, 25-27 of November, 2020	Submitted
21	ISEP	Rúben Barreto, Pedro Faria, Zita Vale, "Demand Response Programs Management in na Energy Community with Diversity of Appliances", 3rd International Conference on Renewable Energy (ICREN 2020), Montrouge, France, 25-27 of November, 2020	Submitted
22	CNET	Eduardo Rodrigues, Gisela Mendes "Local energy and flexibility markets to foster demand response modes of use enabling community and energy provider oriented business models", CIRED 2021 – 26th International Conference & Exhibition on	Full-paper accepted

PUBLIC

		Electricity Distribution, 21 - 24 June 2021, Geneva, Switzerland	
23	Enerim, LUT, VPS, CNET	Sirpa Repo, Olli Kilkki, Salla Annala, Lurian Klein, Luisa Matos, Jose Eduardo Sousa, Susete Albuquerque, Guido Pires "DOMINOES – a roadmap to integrated local energy market operation and management", Proceedings of the 26th International Conference & Exhibition on Electricity Distribution (CIRED 2021), Geneva, Switzerland, Sep. 20-23, 2021	Submitted and accepted
24	ISEP	Cátia Silva, Pedro Faria, Zita Vale, "Managing Smart City Power Network by Shifting Electricity Consumers Demand", SSCt 2021 - Sustainable Smart Cities and Territories International Conference, Doha (Qatar), 27th-29th April 2021	Submitted

**Table 18 - International conference papers published**

Nº	Partner	Paper	Link/DOI
Last 21 months: 1-10-2019 to 30-06-2021			
1	ISEP	Tiago Pinto, Zita Vale, "Distributed learning of energy contracts negotiation strategies with collaborative reinforcement learning," 2019 16th International Conference on the European Energy Market (EEM), Ljubljana, Slovenia, pp. 1-6, 18-20 September, 2019	<a href="https://doi.org/10.1109/EEEM.2019.8916342">https://doi.org/10.1109/EEEM.2019.8916342</a>
2	ISEP	Ricardo Faia, Tiago Pinto, Zita Vale, Juan Corchado, "A Local Electricity Market Model for DSO Flexibility Trading," 2019 16th International Conference on the European Energy Market (EEM), Ljubljana, Slovenia, pp. 1-5, 18-20 September, 2019	<a href="https://doi.org/10.1109/EEEM.2019.8916563">https://doi.org/10.1109/EEEM.2019.8916563</a>
3	UoL	Nebrase Elmrabit, Feixiang Zhou, Fengyin Li, Huiyu Zhou, "Evaluation of machine learning algorithms for anomaly detection", submitted to Cyber Science 2020, Dublin, Ireland, June 15-17, 2020	<a href="https://doi.org/10.1109/CyberSecurity49315.2020.9138871">https://doi.org/10.1109/CyberSecurity49315.2020.9138871</a>
4	E-REDES, ISEP	José Terras, Zita Vale, Pedro Faria, Cátia Silva, "Consumers Modelling and Clustering for the Use of Flexibility to Mitigate Network Congestion", CIRED Workshop 2020, Berlin 22-23 September 2020	<a href="https://doi.org/10.5281/zenodo.5045735">https://doi.org/10.5281/zenodo.5045735</a>
5	LUT, Enerim, E-REDES, CNET	Salla Annala, Samuli Honkapuro, Sirpa Repo, Olli Kilkki, José Manuel Terras, Alexandre Neto, "Interaction between local and open energy markets – guidelines for local market design", CIRED Workshop 2020, Berlin 22-23 September 2020	<a href="https://doi.org/10.5281/zenodo.4801795">https://doi.org/10.5281/zenodo.4801795</a>
6	E-REDES, Enerim, LUT, CNET	José Terras, José Sousa, Gisela Mendes, Eduardo Rodrigues, Alexandre Neto, Salla Annala, Sirpa Repo, Olli Kilkki, "Local Flexibility Markets	<a href="https://app.oxford-abstracts.com/events/1162/program-app/submission/155841">https://app.oxford-abstracts.com/events/1162/program-app/submission/155841</a>

**PUBLIC**

		and the role of Active Customers and Communities supporting Grid System Operators - DOMINOES Engagement Plan", CIRED Workshop 2020, Berlin 22-23 September 2020	
7	Enerim, LUT, E-REDES	Sirpa Repo, Olli Kilkki, Salla Annala, José Terras, Bernardo Almeida, "Local flexibility market balance settlement", CIRED Workshop 2020, Berlin 22-23 September 2020	<a href="https://doi.org/10.5281/zenodo.5040052">https://doi.org/10.5281/zenodo.5040052</a>
8	ISEP	Catarina Ribeiro, Tiago Pinto, Zita Vale, José Baptista, "Data Mining for Remuneration of Consumers Demand Response Participation", International Conference on Practical Applications of Agents and Multi-Agent Systems. PAAMS 2020, 7-9 October, L'Aquila, Italy	<a href="https://doi.org/10.1007/978-3-030-51999-5_27">https://doi.org/10.1007/978-3-030-51999-5_27</a>
9	ISEP	Tiago Pinto, Luis Gomes, Pedro Faria, Filipe Sousa, Zita Vale, "MARTINE: Multi-agent based real-time infrastructure for energy", AAMAS 2020 / IFAAMAS, May, 2020	<a href="https://dl.acm.org/doi/abs/10.5555/3398761.3399093">https://dl.acm.org/doi/abs/10.5555/3398761.3399093</a>
10	ISEP	Fernando Lezama, Tiago Pinto, Ricardo Faia, Zita Vale, "Exploiting flexibility of end-users at DSO-TSO levels acting in dynamic coalitions", PESGM, 2-5 August 2020, Montréal, Canada	<a href="https://doi.org/10.5281/zenodo.4061897">https://doi.org/10.5281/zenodo.4061897</a>
11	ISEP	Tiago Pinto, Zita Vale, "Contextual Q-Learning", 24th European Conference on Artificial Intelligence - ECAI 2020, 29 August – 8 September 2020, Santiago de Compostela (online)	<a href="https://doi.org/10.3233/FAIA200457">https://doi.org/10.3233/FAIA200457</a>
12	ISEP	Omid Abrishambaf, Pedro Faria, Zita Vale, "Aggregation of Consumers Participation in the Ramping of a Demand Response Event", EEM2020 – International Conference on the European Energy Market, 16-18 September, Stockholm (online)	<a href="https://doi.org/10.1109/EEM49802.2020.9221914">10.1109/EEM49802.2020.9221914</a>
13	ISEP	Meysam Khojasteh, Pedro Faria, Zita Vale, Primary Frequency Control Ancillary Service in Distribution Network by Coordinated Scheduling of Wind Power and Demand Response, EEM2020 – International Conference on the European Energy Market, 16-18 September, Stockholm (online)	<a href="https://doi.org/10.1109/EEM49802.2020.9221891">10.1109/EEM49802.2020.9221891</a>
14	ISEP	Fernando Lezama, Joao Soares, Ricardo Faia, Pedro Faria, Zita Vale, "Learning Bidding Strategies in Local Electricity Markets using a Nature-Inspired Algorithm", EEM2020 – International Conference on the European Energy Market, 16-18 September, Stockholm (online)	<a href="https://doi.org/10.1109/EEM49802.2020.9221939">10.1109/EEM49802.2020.9221939</a>
15	ISEP	Cátia Silva, Pedro Faria, Zita Vale, "Rating the Participation of Electricity Consumers in Demand Response Events", EEM2020 – International Conference on the European Energy Market, 16-18 September, Stockholm (online)	<a href="https://doi.org/10.1109/EEM49802.2020.9221907">10.1109/EEM49802.2020.9221907</a>
16	USE	Pablo Gómez, Luis Galván, Eduardo Galván, Juan Carrasco, "Energy Storage Systems Current Ripple Reduction for DC-Link Balancing Method in	<a href="https://doi.org/10.1109/IECON43393.2020.9254892">10.1109/IECON43393.2020.9254892</a>

PUBLIC

		Hybrid CHB Topology”, IECON 2020, Singapore, 18-21 October 2020	
17	ISEP	Ricardo Faia, Bruno Canizes, Pedro Faria, Zita Vale, José M. Terras, Luís V. Cunha, “Optimal Distribution Grid Operation Using Demand Response”, 2020 IEEE PES Innovative Smart Grid Technologies Europe (ISGT-Europe), October 26-28, 2020	<a href="https://doi.org/10.1109/ISGT-Europe47291.2020.9248858">https://doi.org/10.1109/ISGT-Europe47291.2020.9248858</a>
18	ISEP, E-REDES	Meysam Khojasteh, Pedro Faria, Zita Vale, "Scheduling of Battery Energy Storage and Demand Response Resource in Balancing Ancillary Service", 2020 IEEE PES Innovative Smart Grid Technologies Europe (ISGT-Europe), October 26-28, 2020	<a href="https://doi.org/10.1109/ISGT-Europe47291.2020.9248798">https://doi.org/10.1109/ISGT-Europe47291.2020.9248798</a>
19	UoL	Honghui Du, Leandro Minku, Huiyu Zhou, "MAR-LINE: Multi-Source Mapping Transfer Learning for Non-Stationary Environments", 20th IEEE International Conference on Data Mining (ICDM), Sorrento, Italy, 17-20 November, 2020	<a href="https://doi.org/10.1109/ICDM50108.2020.00021">https://doi.org/10.1109/ICDM50108.2020.00021</a>
20	ISEP	Omid Abrishambaf, Cátia Silva, Pedro Faria, Zita Vale, "An Optimization Based Community Model of Consumers and Prosumers: A Real-Time Simulation and Emulation Approach", 3rd International Conference on Renewable Energy (ICREN 2020), Montrouge, France, 25-27 of November, 2020	<a href="https://doi.org/10.1051/e3sconf/202123900024">https://doi.org/10.1051/e3sconf/202123900024</a>
21	ISEP	Rúben Barreto, Pedro Faria, Zita Vale, "Demand Response Programs Management in an Energy Community with Diversity of Appliances", 3rd International Conference on Renewable Energy (ICREN 2020), Montrouge, France, 25-27 of November, 2020	<a href="https://doi.org/10.1051/e3sconf/202123900023">https://doi.org/10.1051/e3sconf/202123900023</a>

**Table 19 - Book contributions written**

Nº	Partner	Paper	Link/DOI
Last 21 months: 1-10-2019 to 30-06-2021			
1	Enerim	Jan Segerstam, “Local Energy Markets, Commercially available tools”, Local electricity market, (9), 1st Edition, Book Chapter, Elsevier, 16-07-2021	<a href="https://doi.org/10.1016/B978-0-12-820074-2">ISBN: 9780128200742</a>
2	ISEP	Ricardo Faia, Fernando Lezama and Juan Manuel Corchado, “Local electricity markets—practical implementations”, Local electricity market, (8), 1st Edition, Book Chapter, Elsevier, 16-07-2021	<a href="https://doi.org/10.1016/B978-0-12-820074-2">ISBN: 9780128200742</a>

**Table 20 - Participations in international conferences and workshops**

Nº	Partner	Title	People Reached	Location	Event Date
Last 21 months: 1-10-2019 to 30-06-2021					
1	ISEP	PES GM 2019	1300	Atlanta, USA	04-08-2019 to



## DOMINOES DISSEMINATION ACTIVITY REPORT YEAR 3

PUBLIC

					08-08-2019 <i>(should be in the previous report)</i>
2	Enerim	Contribution to S4G & SHAR-Q-project joint final event	50	Brussels, Belgium	24-10-2019
3	VPS	International Conference on Environmental Psychology (ICEP) 2019	350	Plymouth, UK	04-09-2019 to 06-09-2019
4	VPS	1 <sup>st</sup> International Conference on Energy Communities	100	Lisboa, Portugal	09-10-2019
5	VPS	The Future of Energy in Smart Cities	35	Lisboa, Portugal	01-10-2019
6	VPS	Workshop on The Crisis and the Challenges of Democracy, Panel entitled “Planetary crisis: from ecological modernisation to climate justice”	25	Coimbra, Portugal	04-11-2019 to 06-11-2019
7	ISEP	GECCO: Genetic and Evolutionary Computation Conference	176	Cancun, México	08-07-2020
8	ISEP	IEEE World Congress on Computational Intelligence (WCCI) 2020	2350	Glasgow, UK	19-07-2020 to 24-07-2020
9	ISEP	IEEE Power & Energy Society General Meeting 2020	1200	Montréal, Canada	3-08-2020 to 6-08-2020
10	ISEP, E-REDES	EPIA 2019 – EPIA Conference on Artificial Intelligence	200	Vila Real, Portugal	03-09-2019 to 06-09-2019
11	USE	IECON 2020, 46th Annual Conference of the IEEE Industrial Electronics Society (IES)	100	Singapore	18-10-2020 to 21-10-2020
12	ISEP, E-REDES	2020 IEEE PES Innovative Smart Grid Technologies Europe (ISGT-Europe)	700	Espoo, Finland	26-10-2020 to 28-10-2020
13	UoL	20th IEEE International Conference on Data Mining (ICDM)	300	Sorrento, Italy	17-11-2020 to 20-11-2020
14	ISEP	3rd International Conference on Renewable Energy (ICREN 2020)	500	Montrouge, France	25-11-2020 to 27-11-2020
15	VPS	World Sustainable Energy. Young Energy Efficiency Researchers Conference. Demand-Side Flexibility and Peer-to-Peer Energy Trading: Renewable Energy Communities.	500	Wels, Austria	04-03-2020 to 06-03-2020

**PUBLIC**

16	VPS	Virtual Summit focused on the “Future of Energy”	100	Oxford, UK (virtual)	29-05-2020
17	VPS	World Sustainable Energy Days 2021. Young Energy Efficiency Researchers Conference. A social values-based methodology for peer-to-peer energy sharing systems.	600	Wels, Austria	21-06-2021

**Table 21 - Participations in industrial exhibitions, conferences & workshops**

Nº	Partner	Title	People Reached	Location	Event Date
Last 21 months: 1-10-2019 to 30-06-2021					
1	Enerim	Project presentation “Digitalising the energy sector: the ‘greening by design’ paradigm” at EUW 2019	60	Paris, France	12.11.2019 13.11.2019
2	Enerim	Exhibitors at European Utility Week 2019	200	Paris, France	12-11-2019 14-11-2019
3	E-REDES, ISEP, LUT, Enerim, CNET	CIREC Workshop 2020	150	Berlin, Germany	22-09-2020 to 23-09-2020
4	VPS	16th EASA Biennial Conference - EASA2020: New anthropological horizons in and beyond Europe, Panel 020 - At the grid edge: homes, neighbourhoods and energy markets	50	Lisbon, Portugal	21-07-2020 to 24-07-2020
5	Enerim, ISEP, VPS	H2020 Low TRL Smart Grids and Storage Projects Clustering even	-	Online	03/12/2020
6	VPS	Congress of Cluster Habitat Sustentável 2020, “Empowering Active Consumers Towards Carbon Neutrality”	200	Aveiro, Portugal (virtual)	03-12-2020

PUBLIC

**Table 22 - Technical schools organized**

Nº	Partner	Title	Nº of participants	Location	Event Date
Last 21 months: 1-10-2019 to 30-06-2021					
1	ISEP	Tutorial EASSS Cyber-physical multi-agent systems	-	Online	July 2021

**Table 23 - Training courses organized**

Nº	Partner	Title	Nº of participants	Location	Event Date
Last 21 months: 1-10-2019 to 30-06-2021					
-	-	-	-		

**Table 24 - Special sessions organized in relevant international conferences**

Nº	Partner	Title	Nº of participants	Location	Event Date
Last 21 months: 1-10-2019 to 30-06-2021					
1	ISEP	Panel Session “Intelligent approaches for IoT applications in smartgrids”, in the 2019 IEEE Power and Energy Society General Meeting (PES-GM 2019), Atlanta, US, August, 2019	75	Atlanta, USA	04-08-2019 <i>(should be in the previous report)</i>
2	ISEP	Panel session on Artificial Intelligence applications in Power Systems, EPIA-AIPES 2019	75	Vila Real, Portugal	03-09-2019 <i>(should be in the previous report)</i>
3	ISEP	Panel AIPES 2020	75	Santiago de Compostela, Spain	03-09-2021
4	ISEP	Competition CEC 2020 (Competition “Evolutionary Computation in the Energy Domain: Smart Grid Applications” at WCCI-CEC, Glasgow, UK, and GECCO, Cancun, México. <a href="http://www.gecad.isep.ipp.pt/ERM-competitions/2020-2/">http://www.gecad.isep.ipp.pt/ERM-competitions/2020-2/</a>	75	Cancun, México	08-07-2020
5	ISEP	Special session CEC 2020 (Special session “Evolutionary Algorithms for Complex Optimization in the Energy Domain” at CEC, Glasgow, UK. <a href="http://www.gecad.isep.ipp.pt/ERM-competitions/ss2020/">http://www.gecad.isep.ipp.pt/ERM-competitions/ss2020/</a>	75	Glasgow, UK	19-07-2020
6	ISEP	Panel Zita Vale GM 2020 “Intelligent consumers and load data processing for efficient operation of buildings and smart grids”	75	Online	05-08-2020

PUBLIC

**Table 25 - Participation in the organized special sessions**

Nº	Partner	Title	Nº of participants	Location	Event Date
Last 18 months: 1-10-2019 to 30-03-2021					
1	VPS	Lurian Klein (2019). The Impact of Blockchain Technology and Artificial Intelligence in the Conceptualisation of Virtual Energy Communities. Workshop: A Aplicação da Inteligência Artificial e do Blockchain nas PMEs, Núcleo NERSANT	50	Abrantes, Portugal	26-06-2019 <i>(this item should be in the previous report)</i>
2	VPS	Valuation of Peer-to-Peer Energy Sharing Systems. Oral presentation in the panel entitled “Planetary Crisis: From Ecological Modernisation to Climate Justice”. The Crisis and the Challenges of Democracy Workshop, Centre for Social Studies, University of Coimbra.	50	Coimbra, Portugal	4-11-2019
3	ISEP & Enerim	Low TRL project clustering event	50	Brussels, Belgium	03-10-2019
4	Enerim	Shar-Q and Storage 4 Grid final event	50	Brussels, Belgium	24-10-2019
5	VPS	User-Centric Energy Markets Models: End-Users at the Heart of the Energy Transition Movement. Oral presentation in the panel entitled “Young Voices for the Energy Transition”. Energy Efficiency Policy Conference, World Sustainable Energy Days	250	Wels, Austria	04-03-2020
6	VPS	Demand-Side Flexibility and Peer-to-Peer Energy Trading: Renewable Energy Communities. Oral presentation at the Young Energy Efficiency Researchers Conference, World Sustainable Energy Days	50	Wels, Austria	04-03-2020
7	VPS	Discussant at Panel 020 - At the grid edge: homes, neighbourhoods and energy markets (Energy Anthropology Network). 16th EASA Biennial Conference - EASA2020: New anthropological horizons in and beyond Europe.	70	Lisboa, Portugal	21-07-2020

PUBLIC

**Table 26 - Workshops organized at international level**

Nº	Partner	Title	Nº of participants	Location	Event Date
Last 21 months: 1-10-2019 to 30-06-2021					
1	CNET	8 <sup>th</sup> R&D Session – Smart Grids Projects and Perspectives	200	Webcast	11-11-2020
2	Enerim, LUT	Online or webinar TBC online workshop (about market model and roadmap) (complete)	49	Online	25-11-2020
3	CNET / E-REDES / LUT / Enerim	R&D Session #14: Local Energy and Flexibility Markets	140	online	05-05-2021
4	E-REDES	International workshop of dominoes	104	online	15-06-2021

**Table 27 - Representations in working groups**

Nº	Partner	Title	Type	Link/DOI
Last 21 months: 1-10-2019 to 30-06-2021				
1	LUT	Blockchain, Transactive Energy and P2P Trading - WG 2018-6	-	<a href="http://www.cired.net/cired-working-groups/block-chain-wg-2018-6">http://www.cired.net/cired-working-groups/block-chain-wg-2018-6</a>
2	LUT	Flexibility in active distribution systems - WG 2019-3	-	<a href="http://www.cired.net/cired-working-groups/flexibility-in-active-distribution-systems-wg-2019-3">http://www.cired.net/cired-working-groups/flexibility-in-active-distribution-systems-wg-2019-3</a>
3	ISEP	IEEE Power and Energy Society Demand Response Working Group	-	<a href="https://site.ieee.org/pscope/subcommittees/power-system-economics-subcommittee/working-group-on-demand-response/">https://site.ieee.org/pscope/subcommittees/power-system-economics-subcommittee/working-group-on-demand-response/</a>
4	ISEP	IEEE PES AMPS ISS Intelligent Data Mining and Analysis (IDMA) WG	-	<a href="https://site.ieee.org/pspace/idma/">https://site.ieee.org/pspace/idma/</a>

**Table 28 - Theses**

Nº	Partner	Thesis	Type	Link/DOI
Last 21 months: 1-10-2019 to 30-06-2021				
1	ISEP	Omid Abrishambaf, "Implementation of Demand Response Programs in Intelligent Energy Management Systems Based on Distributed Control System", 26-10-2020	PhD	<a href="https://gredos.usal.es/handle/10366/144495">https://gredos.usal.es/handle/10366/144495</a>

PUBLIC

2	ISEP	Luis Gomes, "MicroGIM - Microgrid Intelligent Management System based on Multi-Agent approach and the active participation of End-Users", 24-09-2020	PhD	<a href="https://gredos.usal.es/handle/10366/144238">https://gredos.usal.es/handle/10366/144238</a>
3	LUT	Aleksei Mashlakov, "Flexibility aggregation of local energy systems – interconnecting, forecasting, and scheduling", estimated to be published in October 2021	PhD	October, 2021

**Table 29 - Newsletter**

Nº	Partner	Title	Date
Last 21 months: 1-10-2019 to 30-06-2021			
1	VPS and ALL	First newsletter	15-10-2019
2	VPS and ALL	Second newsletter	20-04-2020
3	VPS and ALL	Third newsletter	10-08-2020
4	VPS and ALL	Fourth newsletter	18-12-2020
5	VPS and ALL	Fifth newsletter	20-05-2021

**Table 30 - Promotional material**

Nº	Partner	Title / Description	Type	Date
Last 21 months: 1-10-2019 to 30-06-2021				
1	Enerim & ISEP	Flyer v2	Printed material	29-10-2019

## 6 Conclusions

This deliverable reports the dissemination activities undertaken during the last period of the project. Due to an amendment, this particular period got an extension from 2019-10-01 to 2021-06-30 (M45), in this way benefiting the achieved results and the fulfilment of the targets defined in D6.3.

Comparing this document with the previous report (second year from 1-10-2018 to 30-09-2019), this report includes better indicators, achieving the expected results in some indicators that were not duly fulfilled in the previous period (with low numbers). This has also been possible thanks to the dedicated effort from DOMINOES partners in spite of the current pandemic situation. To be more precise, below we show the overview of all the dissemination KPIs:

- Access to the DOMINOES website overtakes the predictions, reaching in this period about 3379 users, and more than 10.277 page views. The visits to DOMINOES site shown continuous growing and exposure over time. During the entire project time, it got more than 5476 users and more than 18.202 page views, with an average of 2 minutes per session.
- The blog page (included on the website) surpassed the number of promised posts (i.e., 13) getting 16 posts; also, during this last reporting period it had 354 views (with 634 views during the entire project).
- The social media KPIs had also overtaken the predictions by a large margin, Twitter got 15577 views (target was 500) and LinkedIn got 4480 views (target was also 500).
- Traditional media was a challenging point. However, we were able to achieve 4 entries, with several of them being able to reach a large exposure. Some entries will occur after the project ends.
- Press release numbers were also surpassed (target: 4), as we have managed to deliver 5, although some of them will occur after the project ends (30-06-2021).
- Regarding to the scientific impact, the results were covered and surpassed by a large margin. The DOMINOES effort paid off with 22 submitted articles to journals, with 22 of them published (overcoming the target of 10 and 8 respectively). Conference's publications were in the same line, getting more than the double of the planned target (i.e., 10 publications) with 24 done by DOMINOES. Regarding publications published (with a target of 9) DOMINOES got a total of 21 (with some of them still to be published after the project ends). The industrial journals had a target of 1 journal and it as the only the target not achieved.
- Traditional media was a challenging point. However, we were able to achieve 4 entries, with several of them being able to reach a large exposure. Some entries will occur after the project ends.
- Press release numbers were also surpassed (target: 4), as we have managed to deliver 5, although some of them will occur after the project ends (30-06-2021).
- The participation in international conferences and workshops promoting DOMINOES also surpassed the target (i.e., 9 participations) with 17 entries.
- The number of participations in industrial exhibitions, conferences & workshops to promote DOMINOES also passed the target of (4) with 6 participations,
- According to KPI one technical school (EASSS) will be organized in July, achieving this way the target.
- Organization of 6 special sessions in international conferences, reaching 450 persons in total.
- Participation in 7 special sessions, with more than 570 persons overall.

### PUBLIC

- Organization of 4 workshops at international level (KPI also achieved), with more than 493 persons in total.
- The working groups representation has a target of 2; DOMINOES could deliver 4 entries.
- The creation and dissemination of 5 newsletters was also fulfilled during this period.

In addition, DOMINOES went beyond these promised KPIs and has managed to disseminate the project activities by additional means, such as, development of 3 PhD thesis (one of them will be concluded in October), production of additional promotion material (namely flyers) and the organization of 1 technical school (EASSS, which will occur in July). All these points were achieved by DOMINOES partners' initiative, with the aim of going even further to guarantee the project widespread dissemination.

In conclusion, in a general overview, most of the KPIs were accomplished and over-passed by a large margin, with only one of them that where close to be accomplished (one in industrial articles). DOMINOES legacy will deliver several disseminated contents from social media to the until scientific field with numerous relevant publications, that could benefit similar projects or further research and development.

### Notes:

1. some activities will occur after the project ends and will not be considered here such as press releases or different kinds of media. For example: Some publications will occur after 30-06-2021 (e.g., the book chapters in July 2021).
2. Some entries that were missed in the previous report (D6.5), and to not missed in dissemination activities they were included in this report namely: 1 submitted journal, 1 published journal, 1 participation in international conference and workshops, 1 Special session organized in relevant international conferences, 1 Participation in the organized special sessions. All these entries are marked with sentence "*(should be in the previous report)*".



PUBLIC

## References

Webpage: <http://dominoesproject.eu/>

Public Deliverables: <http://dominoesproject.eu/documents/deliverables/>

Publications: <http://dominoesproject.eu/documents/publications/>

Blog: <http://dominoesproject.eu/blog/>

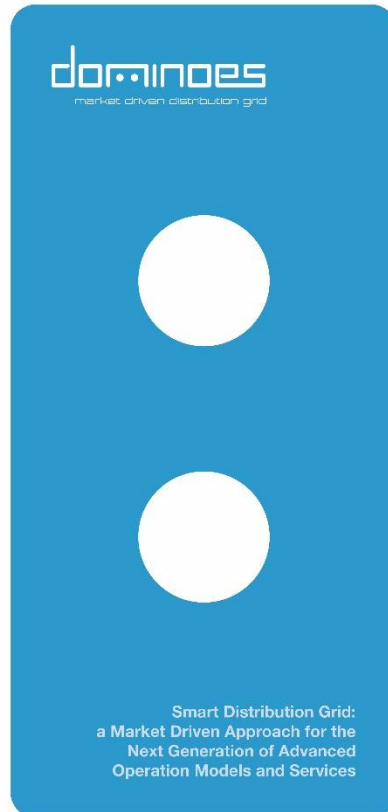
LinkedIn: <https://www.linkedin.com/company/dominoes-project>

Twitter: <https://twitter.com/ProjectDOMINOES>

PUBLIC

# APPENDIX I

## Flyer version 2



The DOMINOES project is creating the local energy market structures of the future, enabling the use of local resources across different wholesale and retail markets in addition to local resource sharing. DOMINOES aims to enable the discovery and development of new demand response, aggregation, grid management and peer-to-peer trading services. The service enabling capabilities are achieved by designing, developing and validating a transparent and scalable local energy market structure.

DOMINOES will show how DSOs can in unison with functioning multi-level markets dynamically and actively manage grid balance in the future. The value of local flexibility will rise because more venues for flexibility use will be available and resources will no longer have to be put on reserve if not used, unleashing them for use where most needed on a dynamic basis. All stakeholders will benefit and overinvestment in infrastructure can be avoided.

A reference architecture has been developed for the DOMINOES local market ICT platform and supporting services. In addition, a market model has been established, which enables the use of flexibility where it is most valuable within the sequence of markets ranging from local to wholesale. The model takes into account balance responsibility on the local level for improved accountability.

- Furthermore, the project will deliver:
- new local market business models for demand response and virtual power plant (VPP) operations
  - tools and technology validation for demand response services
  - services based on smart metering
  - methods to utilize VPPs and microgrids as active balancing assets in distribution and transmission grids
  - secure data handling procedures in local markets

These results will be validated at three validation sites: a DSO environment in Evora (Portugal), a VPP site (Portugal) and a microgrid site in Lappeenranta (Finland).



This project has received funding from the European Union's Horizon 2020 research and innovation programme agreement No 771066.