



UncorrelaTED

Solid-liquid thermoelectric systems with uncorrelated properties



Deliverable 6.3

1st Update of Dissemination Plan

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Project partners

LOGO	Partner full name	Acronym
	Universitat Jaume I	UJI
	Institut de Recerca en Energia de Catalunya	IREC
	Kungliga Tekniska Högskolan	KTH
	University of Warwick	UW
	Solvionic	SOLV
	Specific Polymers	SP



Deliverable Name: 1st Update of the Dissemination Plan

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1 Introduction

The *Dissemination Plan* of UncorrelaTEd was produced at the beginning of the project and described in detail in the Deliverable 6.2 submitted in M3 (March 2020). All the dissemination activities of the project relate to Task 6.1 of WP6, whose main purpose is the implementation of the dissemination and communication activities, according to the *Dissemination Plan*, and to contribute to the societal awareness of the new technological results developed by UncorrelaTEd. The aim of this document is to provide a 1st update of the Dissemination Plan, describing, on one hand, the dissemination actions performed by the consortium during the 1st Reporting Period (January to December 2020, i.e. M1-M12), including different metrics for the project website, the social media, and other actions. On the other hand, this document also details the dissemination activities planned for the next period of the project (January 2021 to June 2022, M13-M30).

2 Dissemination activities overview (M1-M12)

In section 5 of the Dissemination Plan of the project ([D6.2](#)), three different dissemination channels were established for UncorrelaTEd: (i) scientific community, (ii) general public, and (iii) industry. These are the different activities performed by the consortium during the first year of the project for each of these channels:

2.1 Dissemination to the scientific community

In this respect, although several conferences were planned, most of them were cancelled due to the pandemic, and it was not even possible to attend to some of the virtual ones, since due again to the COVID 19 pandemic, all the activities of the project suffered a severe delay, and results to disseminate were not produced during the first year. The same circumstance occurs regarding scientific publications.

Considering PhD and Master theses, KTH has performed these activities:

- MSc thesis: Bo Yu (2020), Fabrication and Evaluation of Sb₂Te₃/PVDF Hybrid Thermoelectric Films, KTH-Royal Institute of Technology (Sweden).
- PhD thesis: Bejan Hamawandi, expected for 2021.
- PhD thesis: Hazal Batili, expected for 2023.

2.2 Dissemination to the general public

In this dissemination area, the project launched its [website](#) at the end of M2 (26th February 2020). It was populated with different content (news, publications, media, partners info, project overview, etc.) and kept updated (new news, deliverables upload, changes of partners, new media, etc.).

In addition, several social media were also opened: [Twitter](#), [Linkedin](#), [ResearchGate](#), and [Youtube](#). Several tweets and posts were posted on Twitter and LinkedIn along the year, and the

ResearchGate site was populated with the project information and some updates. Finally, for the Youtube channel UJI recorded a short video presenting the project.

Apart from the website and social media, other outreach activities were performed. Press releases were sent by the UJI Communications Service related to the [start of the project](#) and the [kick-off meeting](#). They were published at different regional media as shown in Table 1.

Table 1. Media where press releases of the project were published.

Type of media	Media name	Date	Link	Language
Website	UJI	17/12/2019	https://www.uji.es/com/investigacio/ariu/noticies/2020/1/h2020-uncorrelaTEd/	Valencian /Spanish/ English
e-newspaper	Noticias de la Ciencia	14/01/2020	https://noticiasdelaciencia.com/art/36179/la-uji-lidera-un-proyecto-europeo-para-conseguir-mejores-materiales-termoelectricos-que-conviertan-calor-residual-en-electricidad	Spanish
e-newspaper	Actualitat diària	14/01/2020	https://www.actualitatdiaria.com/luji-lidera-un-proyecto-europeo-per-aconseguir-millors-materials-termoelectrics/	Valencian
e-newspaper	Castellón Plaza	14/01/2020	https://castellonplaza.com/Latcnicadela-monitorizacinpuedeevitarcomplicacionesneurolgicasenlascirugas	Spanish
Website/Radio/e-radio	Cope	14/01/2020	https://www.cope.es/emisoras/comunidad-valenciana/castellon-provincia/castellon/motorcope/noticias/uji-trabaja-para-aprovechar-calor-residual-los-vehiculos-20200114_592961	Spanish
Printed and e-newspaper	El periodico Mediterraneo	14/01/2020	https://www.elperiodicomediterraneo.com/noticias/castellon/uji-busca-aprovechar-calor-coches-generar-electricidad_1270097.html	Spanish
Radio	Vox UJI Radio	20/01/2020	http://www.radio.uji.es/emissions06/20_01_20_campus_actual.mp3	Valencian /Spanish
Website	Cátedra BP Medio Ambiente	20/01/2020	https://www.catedrabpmedioambiente.es/un-nuevo-proyecto-estudiara-como-mejorar-la-conversion-del-calor-residual-de-motores-procesos-industriales-o-el-propio-cuerpo-humano-en-electricidad/	Spanish
e-newspaper	elperiodic.com	21/01/2020	https://www.elperiodic.com/pcastellon/consorcio-proyecto-europeo-h2020-uncorrelated-celebra-primera-reunion_661236	Spanish
e-newspaper	vivecastellon.com	21/01/2020	https://www.vivecastellon.com/noticiario/el-consorcio-del-proyecto-europeo-h2020-uncorrelated-celebra-la-primera-reunion-en-la-uji-32057.html	Spanish
Website	UJI	22/01/2020	https://www.uji.es/com/investigacio/ariu/noticies/2020/1/reunio-UncorrelaTEd/	Valencian

Also, Dr. Jorge García Cañadas (project coordinator) gave a lecture at the 4th course of the Mechanical Engineering Degree at UJI on 18/12/2020, where he provided an overview of the project.

2.3 Dissemination to industry

As occurred for the dissemination through conferences and scientific articles, in this area most of the conferences with industrial participation were cancelled due to the COVID 19 pandemic, and since the activities of the project suffered a severe delay no results were available to disseminate.

3 Dissemination metrics

In this section, dissemination metrics from the different dissemination channels adopted are shown.

3.1 UncorrelaTEd website

The UncorrelaTEd [website](#) has been online since the 26th of February 2020 (basically from M3). Different metrics of the website are presented in Figure 1. It can be observed that a number of users slightly above 15 was achieved at some weeks, with sessions above 20 in some cases. A more intense activity took place at the beginning of the website release, from May to June, and during the last months of the year (September to December).

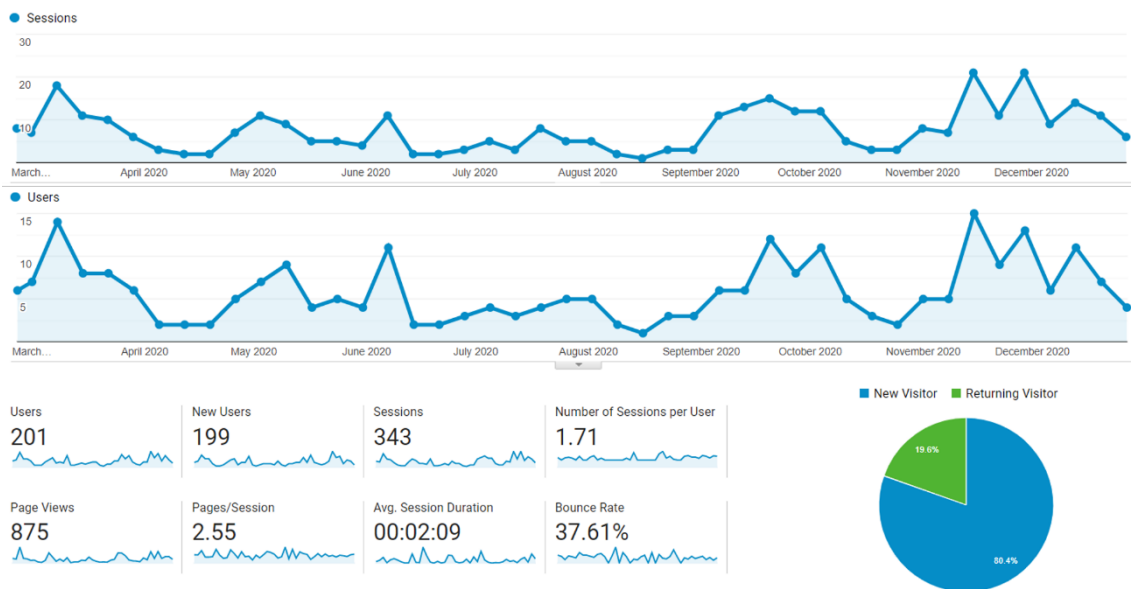


Figure 1. Statistics of the UncorrelaTEd website during the 1st year of the project. Data points refer to a week period. A Session refers to the period time a user is actively engaged with the website. The bounce rate is the percentage of single-page sessions in which there was no interaction with the page (session has a duration of 0 seconds).

In Figure 2, it is shown the country of origin of the visitors of the website. The main country of origin is Spain (38.31% of the users), where the dissemination activities were more intense.



Apart from that, 31.35% of the users come from a European Country different from Spain. Finally, visitors from non-European countries (China, USA and India) represent 17.92% of the total.











Country	Users	% Users
1.  Spain	77	38.31%
2.  France	20	9.95%
3.  Sweden	14	6.97%
4.  United States	14	6.97%
5.  India	13	6.47%
6.  China	9	4.48%
7.  United Kingdom	9	4.48%
8.  Italy	8	3.98%
9.  Belgium	7	3.48%
10.  Germany	5	2.49%

Figure 2. Country of origin of UncorrelaTEd website visitors during the 1st year of the project.

3.2 Social media

The metrics of the different social media during this period are shown in Table 2. From all of them, Twitter and LinkedIn are the ones more frequently updated and gained significant interactions. Although less active, Researchgate also registered a good number of followers. Finally, the short Youtube video created produced a good number of views and interactions.

Table 2. Metrics of the UncorrelaTEd social media during the 1st year of the project.

Social media	Metrics
Twitter (@UncorrelaTEdFET)	8 tweets and 2 retweets 16 followers 29 following 4,125 total views from all tweets 98 total interactions from all tweets
LinkedIn	7 posts 19 followers
Youtube	1 video 5 subscribers 167 views 8 likes
ResearchGate	3 updates 13 followers 39 reads

In Figure 3, more detailed statistics from LinkedIn can be seen. They show a more intense activity at the beginning of the year and in the last months.

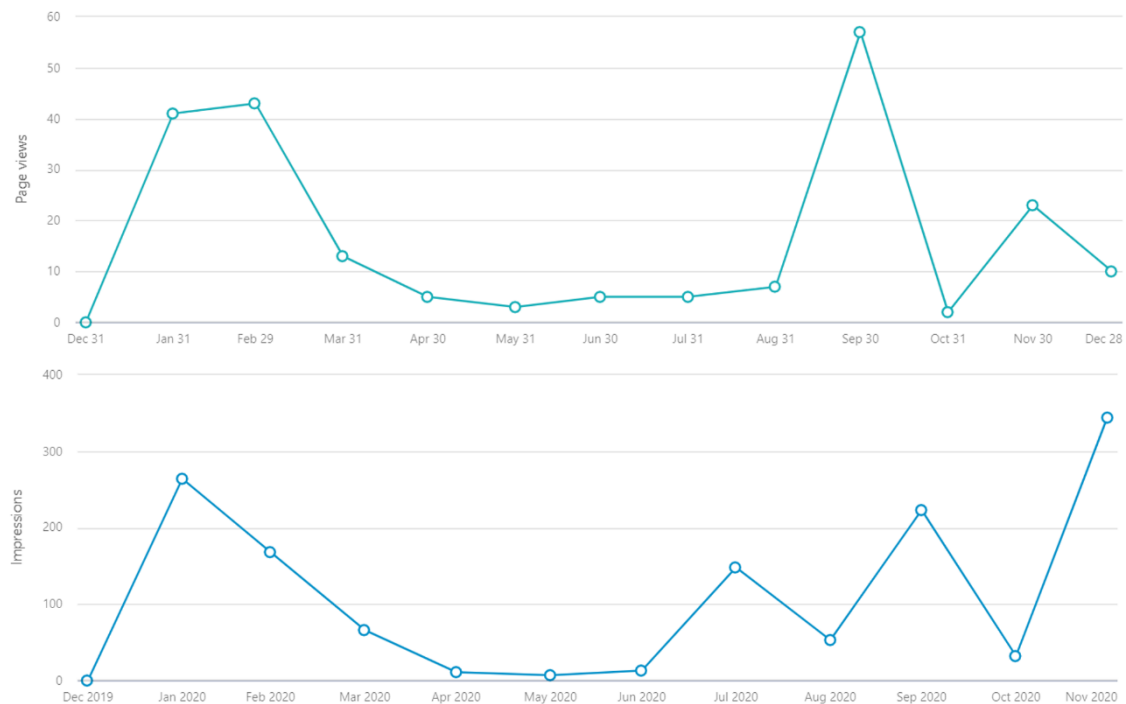


Figure 3. LinkedIn statistics from the 1st year of the project. Each point corresponds to metrics for a month period. Impressions are views when an update is at least 50% on screen for at least 300 ms, or when it is clicked.

Apart from the social media of the project, IREC social media disseminated the kick-off meeting of the project in 3 different posts which were read by more than 500 people. In addition, SOLV posted 2 posts related with the project at its LinkedIn site with 1,012 followers. The posts received [579 views plus 5 likes](#), and [1164 views plus 24 likes](#), respectively.

3.3 Other metrics

Apart from the metrics mentioned, different interactions directly linked with the dissemination activities performed took place as well:

- From the lecture given in the 4th course of the Mechanical Engineering Degree at UJI, one student felt attracted by the topic and will engage the UJI team for his End of Degree Project next year.
- Several companies have contacted the Coordinator to evaluate possible future collaborations: [Lomartov](#) and [Catalyze Group](#).

4 Dissemination plan for the next period

This section collects the dissemination activities that can be planned at the moment for the next period (January 2021 to June 2022, M13-M30) by the different partners (see Table 3). It should

be taken into account that the plan might be significantly altered due to the evolution of the COVID-19 pandemic.

Table 3. Dissemination events planned for the next period of the project.

Event description (partner)	Date	Place	Audience	Attendants	Involvement
Destaca Fair (UJI)	2021	Castellon (Spain)	Scientific, industry	<500	Oral
E-MRS Spring meeting (UJI)	2021	Virtual	Scientific, industry	<500	Oral
FirUJICiencia (UJI)	2021	Castellon (Spain)	General public	<500	Exhibitor
National Materials Congress (UJI)	2021	Malaga (Spain)	Scientific, industry	500-1000	Oral
2nd International Conference on Aerogels Inspired Materials (IREC)	2021	Shanghai (China)	Scientific, industry	<500	Oral and poster
Iberian Thermoelectric Workshop (UJI, IREC)	2021	Lisbon (Portugal)	Scientific, industry	<500	Oral
International Conference on Advanced Ceramics and Composites (KTH)	2021	Daytona Beach (USA)	Scientific, industry	500-1000	Oral and poster
International Conference on Thermoelectrics (UJI, IREC)	2021	Warsaw (Poland)	Scientific, industry	500-1000	Oral
NanoSpain (IREC)	2021	TBD	Scientific, industry	<500	Oral and poster
UK Thermoelectric Network (UW)	2021	UK	Scientific, industry	<500	Oral
EMRS Spring meeting	2022	Strasbourg (France)	Scientific, industry	<500	Oral

5 Next updates

Table 4 contains the schedule planned for the next updates of this document.

Table 4. Next updates of the dissemination plan

Deliverable	Title	Lead member	Dissemination	Month
D6.2	Dissemination plan	UJI	Public	3 (Done)
D6.3	1 st update of the dissemination plan	UJI	Public	12 (Done)
D6.4	2nd update of the dissemination plan	UJI	Public	30



D6.5	3 rd update of the dissemination plan	UJI	Public	48
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6 Disclaimer

This document reflects only the authors' view and the European Commission is not responsible for any use that may be made of the information it contains.