

# Solid-liquid thermoelectric systems with uncorrelated properties

# **Deliverable 6.1**

# Project website and social media profiles

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FETOPEN-01-2018-2019-2020 - FET-Open Challenging Current Thinking

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Type of Action: RIA

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Duration: 48 months

## **Project partners**

LOGO	Partner full name	Acronym
	Universitat Jaume I	ILU
Institut de Recerca en Energía de Catalunya Catalonia Institute for Energy Research	Institut de Recerca en Energia de Catalunya	IREC
KTH VETENSKAP OCH KONST SCHOOL ST	Kungliga Teksniska Hoegskolan	КТН
	University of Warwick	UW
THE UNIVERSITY OF WARWICK		
solvionic	Solvionic	SOLV
	Intenanomat	INM

Deliverable Name: Project website and social media profiles Led by: UJI Partners: All

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## 1 Introduction

This report describes the main activities performed to create the project website and the social media profiles. These activities are part of Task 6.1 from WP6 - Management and dissemination.

#### 2 Branding image

#### 2.1 Logo

The communication office of UJI in collaboration with the UJI team has designed different options for the logos of the project. Then, one version was selected, and different modifications were made to it. The final version of the logo is shown in Figure 1 and contains the name of the project (UncorrelaTEd), and a plug with the symbols corresponding to the Seebeck coefficient and the electrical conductivity being disconnected, representing the idea in which this project is based, break the adverse correlation between these properties. Blue and red are the colours selected for the visual identity of the project, since this combination represents that electricity is generated from a temperature difference (hot and cold sides).



#### 3 Website

A dedicated webpage has been created as part of the dissemination and communication activities. The website address is <u>http://uncorrelated.uji.es/</u> making use of the hosting of the Coordinator's institution (UJI). Altough not in use yet, the address <u>http://www.uncorrelated.eu/</u> has already been reserved with one domain registrar, and in two months to another registrar server, since the initial one did not offer the possibility of creating registers inside the DNS to continue using the UJI hosting.

The main heading of the website shows the name of the project and a short description, the logo, the social media links and the intranet. Moreover, the main navigation menu of the website and a search button are included. At the bottom part of the website, legal pages and information are included, together with a disclaimer. This is shown in Figure 2.

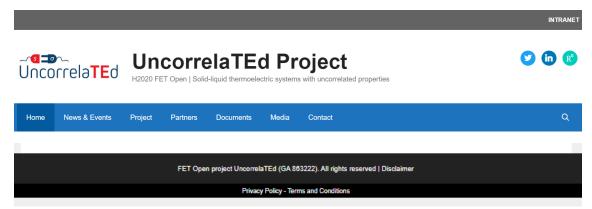


Figure 2. Heading and footer of the website

The information contained in the website has been distributed in different pages, namely:

- Index (Figure 3): Starts with an image that illustrates the project aim. Then, it follows a general and brief description of the project. At the end, EU acknowledgements and disclaimer are shown.
- **Project** (Figure 3): A more extended information about the project appears in this section, together with a graphical abstract and the link to Cordis.

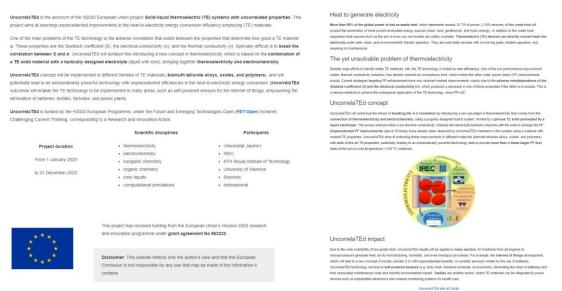


Figure 3. Index (left) and Project (right) pages

- **Partners** (Figure 4): Main information about each member of the consortium is shown here, containing the name of the group/department/laboratory and university, logos, links of interest, expertise, a short description of the tasks for each partner, and a description of the principal investigator. At the bottom of this section, a picture of the people from the consortium is included.
- **Documents** (Figure 4): This section includes any public document with open access of general interest generated by the project. Two subsections are included: deliverables and publications.
- Media (Figure 4): A YouTube miniature of the videos planned to record during the development of the project will be inserted in this section. For the moment, this section has no content, since no videos have been recorded yet.
- News & Events (Figure 4): All the news related to the project, and all the main events will be announced here. It will be coordinated with the Social Media activity, and in general, similar posts will be included.

Universitat Jaume I (UJI, coordinator)		Website launched	
	Expertise	26/02/2020 por UncorrelaTEd	Project has been launched. Here you can find extended information related to our
	The team has wide expertise in both thermoelectricity and electrochemistry. Thermoelectricity research involves the development of advanced characterisation methods for thermoelectric		s or open access publications (also available on Cordis), and the latest news. If you
	(TE) materials and devices, the use of TE devices for sensing different thermal phenomena, and the combination of porous TE materials with electrolytes to enhance TE efficiency. In the field of	Ine News	
	electrochemistry, the group has experience in the fabrication and electrochemical characterisation of different systems, such as electrochromics, dye-sensitised solar cells,	Kick-off Meeting	
	conducting polymers, porous electrodes, and ion intercalation systems.	31/01/2020 por UncorrelaTEd	
JAUMET	Main tasks in the project Fabrication, characterisation, and electrolyte optimisation of the solid-liquid devices prepared		the 21st of January at the Universitat Jaume I (Castelló de la Piana, Spain). All the ineroia de Catalunya, ICTH Royal Institute of Technology. University of Wawick.
Thermal and Electrical Systems Laboratory (TESLab)	with the different solid materials. Provide support to the theoretical simulations for the proper integration of the electrochemical and thermoelectric phenomena.	Solvionic and Intenanomat, attended the meeting and discuss	ed the Leer más
Universitat Jaume I (UJI), Spain	Principal Investigator: Jorge García-Cañadas (Scopus Profile)	In Events	
	Jorge García-Cañadas obtained his PhD in Applied Physical Chemistry (2006) from the UJI	Documents	
	Universitat Jaume I (Spain). He is currently a Ramón y Cajal researcher at the Department of Industrial Systems Engineering and Design of the UJI, where he leads the Thermal and	Deliverables	Publications
	Electrical Systems laboratory (TESLab).	Soon available.	Soon available.
Catalonia Institute for Energ		Media	
	Expertise The group has a wide expertise in the design and engineering of nanocomposites with	Soon available.	
<b>IREC</b> <sup>9</sup>	controlled nanoscale parameters from the bottom-up assembly of nanoparticles. IREC team also fabricates TEs based on nanomaterials.	Coordinator Contact:	
Institut de Recerca en Energia de Gatakarea Cataliania Institute for Energy Research	Main tasks in the project	Dr Jorge Garcia-Cañadas Edificio de Investigación 1	
Functional Nanomaterials Group	Preparation and development of nanostructured porous TE oxide films with controlled porosity to be integrated in the solid-liquid devices.	Universitat Jaume I Av: Vicent Sos Baynat sin	UncomelaTEd Concertion < ()
Catalonia Institute for Energy Research (IREC), Soain	Principal Investigator: Andreu Cabot (Scopus Profile)	12006 Castelló de la Plana (Spain) Tet: («34) 954 38 7417	Maranteraria Researchange increase Linuxeraria
	Andreu Cabot obtained his PhD in Physics from the University of Barcelona (Spain) in 2003. He is currently a senior researcher and leader of the Functional Nanomaterials Group at the	E-mail: parciaj@uji.es	Mands Print Same Prices Barlines
	Department of Advanced Materials for Energy of IREC.		Francis Course Secretaria
KTH Royal Institute of Techr			numeri and 9 miles and and
	Expertise The team works on the design, synthesis, processing and characterisation of nanoparticles,		Couple in Marco     Trans     Couple in Marco     Couple in M
	nancervetalline materiale and nancemprolites for energy environment and hismartical	E T T T T	

Figure 4. Part of the partners page (left), and the documents (top right), media, news & events (middle right) and contact (bottom right pages)

 Contact (Figure 5): Contact details with a map of the location of the Coordinator office in the UJI campus is presented in this section. Contact through the website will be directly managed through the Coordinator's e-mail (garciaj@uji.es). Moreover, an interactive map with the location of each partner has been created with Google Maps (Figure 5) and added directly to the section.

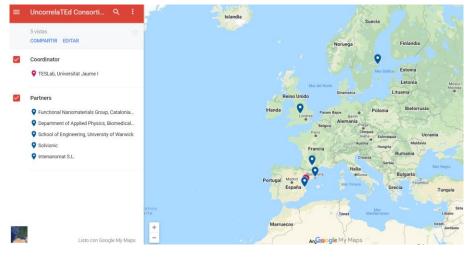


Figure 5. Interactive Map of the Location of the Partners

The link for sharing the map is the following, and is managed by the Coordinator:

## https://drive.google.com/open?id=1Y25IU1fsK3UOc3OtblRobC1DIFUkOS2i&usp=sharing

Additionally, a private intranet platform which contains the files necessary for the development of the project has been created in Google Drive (Figure 6). The Coordinator will edit this folder, and the rest of the partners will have access to read and download the files. Public access is blocked.

+ New Shared with me > UncorrelaTEd ~ 🚓	III (i) 💼
Name ↑         Owner         Last modified         File size	
Advisory board     Jorge García Cañadas     Jan 28, 2020 Jorge García Cañad	0
🕨 🔝 Shared drives 👔 Grant and consortium agreements Jorge Garcia Cañadas Jan 28, 2020 Jorge Garcia Cañad	
Shared with me Logo Jorge Garcia Cañadas Jan 28, 2020 Jorge Garcia Cañad —	+
🚫 Recent 🔝 Pictures me Jan 29, 2020 me -	
🔆 Starred 🗈 Plenary meetings Jorge Garcia Cañadas Jan 28, 2020 Jorge Garcia Cañada -	
🔟 Trash 🗈 Presentations me Jan 29, 2020 me -	

Figure 6. Google Drive-based Intranet

# 4 Social Networks

Different social media profiles have been created to reach the widest possible audience, (i) ResearchGate for a more scientific network, (ii) LinkedIn targeting professional audience, and (iii) Twitter for the general public. The first posts are already available informing about the celebration of the kick-off meeting and interactions (follows, sharing posts, recommendations, etc.) with other users already started. All communication actions through the UncorrelaTEd's social networks will be managed by the Coordinator, as the leader of the WP6.

# 4.1 ResearchGate

ResearchGate is the largest academic, social networking site for scientists and researchers to share papers, ask and answer questions, and find collaborators. The resulting address for the project is <u>https://www.researchgate.net/project/UncorrelaTEd-Solid-liquid-thermoelectric-systems-with-uncorrelated-properties</u> (Figure 7). The collaborators have been added to the project, and also a short description of the goal of the project, and the paper that originated the motivation of the project. In the following months, open access papers will be included and linked to the project.

UncorrelaTEd - Solid-liquid thermoelectric systems with uncorrelated properties					
🐠 Adrián Mota-Babiloni · 🌒 Braulio Beltrán-Pitarch · 🔮 Jorge García-Cañadas · <u>Show all 12 collaborators</u>					
Goal: UncorrelaTEd aims at reaching unprecedented improvements in the thermoelectric (TE) power factor (So*2) by breaking the adverse correlation between the Seebeck coefficient (S) and the electrical conductivity ( $\sigma$ ) in different families of TE materials (bismuth telluride alloys, Show details					
Overview Project log References (1)	Questions				
Introduction Introduce your project to your audience to tell th	Introduction Introduce your project to your audience to tell them what your research is about.				
Goal Uncorrela TEd aims at reaching unprecedented improvements in the thermoelectric (TE) power factor (So*2) by breaking the adverse correlation between the Seebeck coefficient (S) and the electrical conductivity (o) in different families of TE materials (bismut	Add hypothesis Tell your audience what you expect to find out.				

Figure 7. Screenshot of the UncorrelaTEd ResearchGate website

## 4.2 LinkedIn

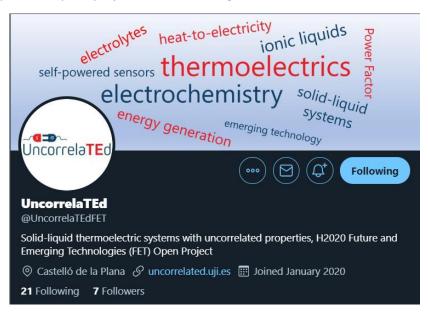
The project has been created as a page in LinkedIn (<u>https://www.linkedin.com/company/36989946/</u>) so that the users can follow its last updates. Information related to the project has been included: Description, duration, location of the partners, link to the website, etc. The main information of the page associated with UncorrelaTEd can be seen in Figure 8.

	electrolytes heat-to- If-powered sensors thermo energy generation emerging t		liquid		
Uncorrela <mark>TE</mark> d	UncorrelaTEd FET Open Project Research · Castelló de la Plana, Castelló · 8 followers noelectric systems with uncorrelated properties to improve hea conversion	-to-	✓ Following •••		
Visit website				Analytics Last 30 day activity	
Home About Jobs	Overview UncorrelaTEd aims at reaching unprecedented improv electricity energy conversion efficiency employing the Improvements will be achieved by combining TE mate This combination, which brings together thermoelectr	ements in the heat-to- moelectric (TE) materials. rials with liquids (electrolytes). city and electrochemistry,	ured groups Thermoelectrics 380 members	17 A Unique visitors Share trending articles	466%
People Ads	allows breaking the adverse correlation between the S electrical conductivity, which is a serious obstacle for t the TE technology. The concept will be demonstrated materials (bismuth telluride alloys, oxides, and polyme UncorrelaTEd outcomes will enable the thermoelectric	ne wide implementation of n different families of TE (rs). technology to be	Waste Heat Recovery 959 members	7 New followers Invite connections to follow	- 096
	implemented in many areas, such as self-powered sen empowering the elimination of batteries, textiles, fact (This project has received funding from the European and innovation programme under grant agreement N reflects only the author's view and the European Com any use that may be made of the information it contain	ries, etc. Jnion's Horizon 2020 research 863222. This document nission is not responsible for		417 Post impressions Start a post	- 0%
	Website http://uncorrelated.uji.es Phone +34 964 38 7417			5 Custom button clicks	• 0%

Figure 8. Screenshot of the UncorrelaTEd LinkedIn page (left) and analytics (right)

## 4.3 Twitter

A Twitter account (<u>https://twitter.com/UncorrelaTEdFET</u>) has been created for communication purposes to general and scientific audiences. The account is @UncorrelaTEdFET because another company already took @Uncorrelated. The hashtag #UncorrelaTEdFET will be used in all communication actions through this social network. Again, selected information is included to help people identify the project, as shown in Figure 9.



*Figure 9. Screenshot of the UncorrelaTEd Twitter account details* 

# 4.4 YouTube

Finally, a YouTube channel (<u>https://www.youtube.com/channel/UC-jM\_pj2-</u>21toFy0pLNNkxg?view\_as=subscriber) is created to upload videos and make them publicly available. The profile of this channel is presented in Figure 10.



Figure 10. Screenshot of the UncorrelaTEd YouTube account

## 5 Conclusions and final remarks

For communicating UncorrelaTEd activities and resullts, a simple and visual website has been created. In addition, profiles have been registered in social networks addressed to different types of audience. The priority is to provide clear and complete information and allow the possibility of navigating between the different social networks and website. Regular publication of posts (news) will show the last activities of the project and will keep the attention of the potential audience. The project website and social networks offer the possibility of checking parameters about the interaction with visitors, and this will be used to monitor the project interest.