

**Market Uptake of Solar Thermal  
Electricity through Cooperation**

# WP2: Dissemination and Communication

MUSTEC 6<sup>th</sup> Project Meeting  
13<sup>th</sup> of May, 2020, Athens

*Alexandra Papadopoulou & Alexandros Flamos*

# Main Objectives



- ❖ Establish **systematic channels and means for disseminating** the progress and outcomes to the relevant stakeholders;
- ❖ Ensure the **alignment** of MUSTEC dissemination activities with calendar events of relevant EU projects and initiatives, and contribute to **synergies' creation** between H2020 actions;
- ❖ Develop and implement the MUSTEC **exploitation strategy**;
- ❖ **Support WP3** in the stakeholders' engagement.

# WP2 Description



Tasks and subtasks

- ❖ **Task 2.1:** Dissemination, exploitation and communication plan - Lead: UPRC (*Months 1-36*)
- ❖ **Task 2.2:** Dissemination tools – Lead: UPRC (*Months 1-36*)
- ❖ **Task 2.3:** Outreach to industry and policy makers – Lead: ESTELA (*Months 1-36*)

## Task 2.1: Dissemination, Exploitation & Communication Plan [1/12]



### *M.A.T. communication strategy*

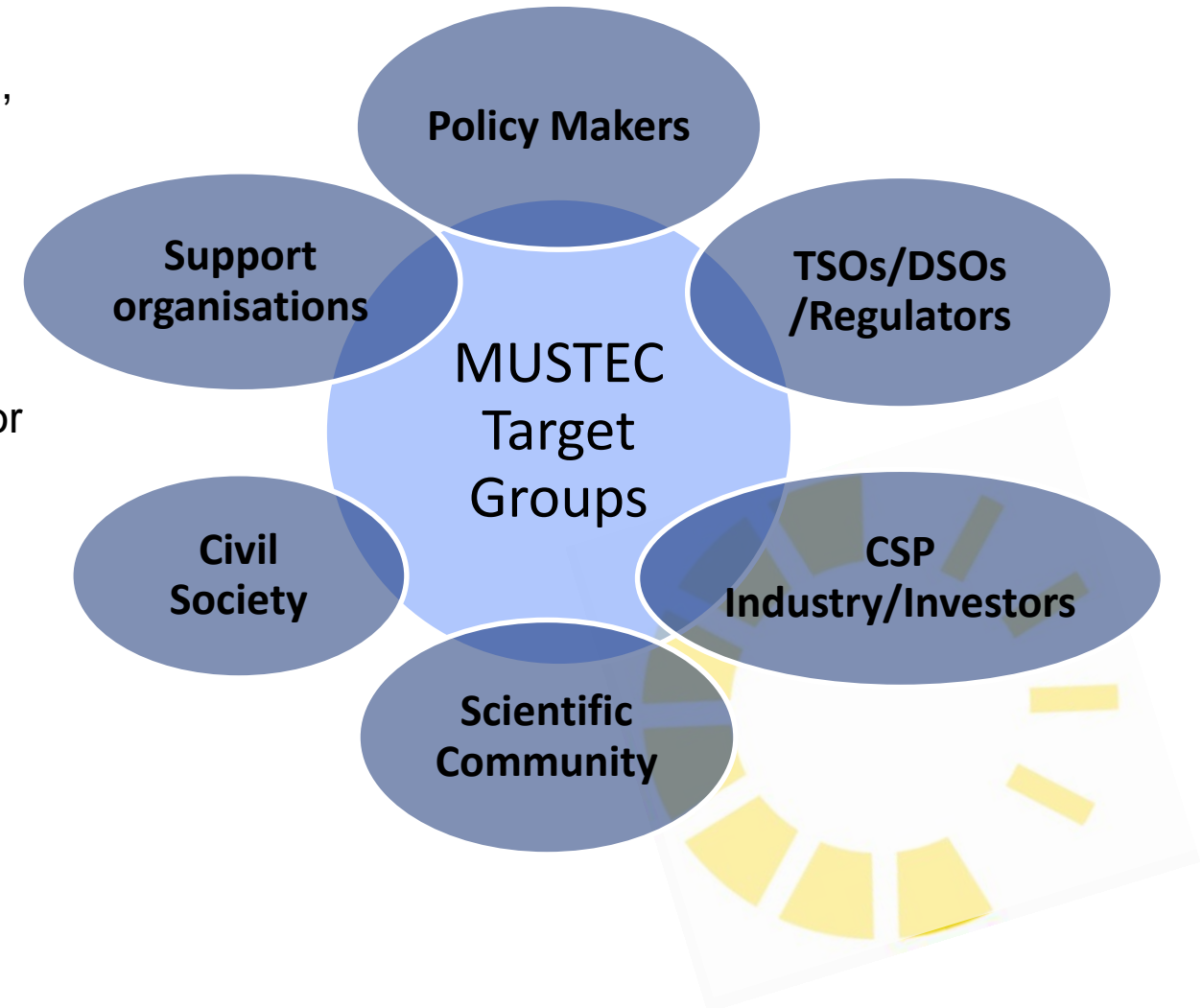
- Message (what is the message?)
- Audience (who is the audience?)
- Tool (what is the best communication tool?)

# Task 2.1: Dissemination, Exploitation & Communication Plan [2/12]

## Target Groups

- ❖ **Policy Makers:** EU level, MS representatives, local/regional, technical staff for renewable cooperation opportunities
- ❖ **TSOs/DSOs/Regulators**
- ❖ **CSP Industry/Investors:** EU/Global with focus on solar-specific components markets or developer markets
- ❖ **Scientific Community:** Academia & researchers
- ❖ **Civil Society:** voters & electricity consumers
- ❖ **Support organisations:** finance/capital, network organisations, consulting.

*In line with WP3 stakeholders engaged*



# Task 2.1: Dissemination, Exploitation & Communication Plan [3/12]



## Logo

- High quality printed
  - Memory grasping
  - Easily conceived
  - Self representative
- Alternative logos designed



## Leaflet

Short **project description** for dissemination among stakeholders at conferences and other events.



## Poster

Publicity poster regarding the project used as promotional material in events.



## Website

## Infographic



General, **basic information** about a specific project outcome to create visibility.

## Templates



**Standard templates** for power point, deliverables, agenda, etc. to create MUSTEC visual identity.

## Social Networks

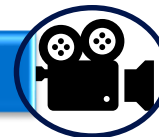


e.g. Facebook, Twitter, LinkedIn, etc.

## E-Newsletters



## Videos



## Factsheet

Developed in line with EC guidelines, periodically updated.



## Participation in events



## Press Releases

Opportunity based, short updates in press on project outputs.



## Conference



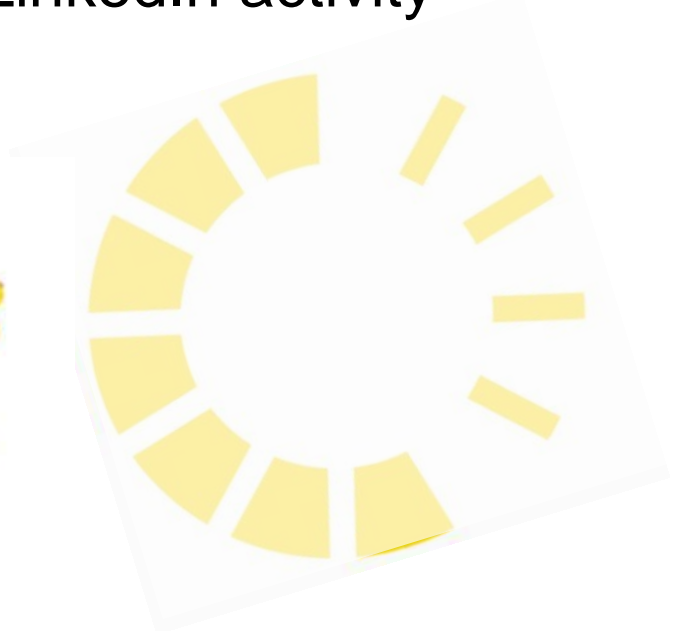
# Task 2.1: Dissemination, Exploitation & Communication Plan [4/12]



## Synergies with other H2020 CSP Projects

- ❖ 21 H2020 CSP projects working together – more are joining.
- ❖ Joint Twitter [@H2020CSP](https://twitter.com/H2020CSP) with 203 followers and LinkedIn activity (H2020 CSP Projects) with 128 members.

Synergies



## Task 2.1: Dissemination, Exploitation & Communication Plan [5/12]

Exploitation Strategy

Internal exploitation

- Consultancy. Future consultation services by MUSTEC partners in design and evaluation of CSP projects and their various effects.

Direct external exploitation

- Services. MUSTEC detailed guides and roadmaps.
- Training. Provision of training to target groups on CSP matters.
- Informing key actors on MUSTEC exploitable outputs – country approach.

Roadmap and concrete activities for each partner



## Task 2.1: Dissemination, Exploitation & Communication Plan [6/12]



### Exploitation Strategy's Elements

Exploitation Strategy

❖ Identification of exploitable key results

❖ Identification of target groups

❖ Consortium's Strategy

- ❖ Mapping of the policy processes at each country and EU level.
- ❖ Identification of meetings / actions with selected key actors to promote exploitability of MUSTEC outputs

## Task 2.1: Dissemination, Exploitation & Communication Plan [7/12]



### Exploitation efforts and activities by the partners at national level

#### Spain:

- ❖ Collaboration with MITECO about the construction of the energy planning tool TIMES-SINERGIA (CIEMAT)
- ❖ Institute for Energy Saving and Diversification (IDAE) and the Secretary of State for Energy were advised on the design of auctions for renewable electricity (CSIC)
- ❖ Raise the relevance of renewable sources and CSP in particular in the geopolitical and security areas through in-depth exchanges with policy makers (ELCANO)
- ❖ MITECO was helped to build consensus among Spanish stakeholders in the energy sector (ELCANO)
- ❖ Protermosolar (member of ESTELA) has provided advices to MITECO on rationale for including CSP in the NECP
- ❖ Promotion the idea of a FOAK through the thermal-solar industry associations with the European and Spanish authorities (COBRA)

Exploitation Strategy

## Task 2.1: Dissemination, Exploitation & Communication Plan [8/12]



### Greece:

To promote further exploitation of MUSTEC outputs, UPRC will proceed in the following two activities:

- ❖ Conduct two meetings with key actors, namely the Ministry of Energy and Environment and the Energy Management & Trading Department at PPC S.A., to discuss the MUSTEC roadmap and recommendations and the implementation of the target model in Greece.
- ❖ Based on MUSTEC recommendations and roadmap, to make concrete suggestions on the NECP, to further promote the use of CSP.

### Germany

Fraunhofer ISI is involved in several ongoing projects on European level focusing on the design of RES support instruments and the exchange of best practices on RES policies among EU Member States. In this context, exploitation of MUSTEC outcomes in the policy making process will be sought.

To be adapted due to COVID-19

## Task 2.1: Dissemination, Exploitation & Communication Plan [9/12]



### Exploitation Strategy

#### Austria

- ❖ Limited possibilities to promote the exploitation of the MUSTEC project results on a purely national level resulting in direct support of CSP implementation across Europe.
- ❖ TU Wien is involved in several projects that include activities fostering renewable energy support in the form of cross-border and/or European cooperation and technology-specific auctions. To this end, exploitation of MUSTEC outputs in the relevant policy making processes will be sought.

#### EU Level

- ❖ ESTELA's work will focus on trying to utilize MUSTEC outputs through intense lobbying with key actors and lobbying with the local policy makers themselves, so as to close the gap between concepts and funded projects under the Connecting Europe Facility (CEF).
- ❖ ESTELA will also present MUSTEC outputs to either host or off-taking countries, during the brokerage events of HORIZON-STE projects

## Task 2.1: Dissemination, Exploitation & Communication Plan [10/12]

Exploitation opportunities

- ❖ Special Issue on CSP titled “**Dispatchable RES and flexibility in high RES penetration scenarios: solutions for further deployment**” under the Journal Energy Sources, Part B: Economics, Planning and Policy.



Special Issue on Dispatchable RES and Flexibility in High RES Penetration Scenarios: Solutions for Further Deployment



## Task 2.1: Dissemination, Exploitation & Communication Plan [11/12]



Exploitation opportunities

Overall, 21 papers were submitted, 5 of which from MUSTEC partners.

- ❖ 1 paper has been approved.
- ❖ 4 papers have received major revision.
- ❖ 1 paper has received minor revision.
- ❖ 4 papers under review.
- ❖ 2 papers in search for reviewers.
- ❖ 9 papers rejected.

## Task 2.1: Dissemination, Exploitation & Communication Plan [12/12]



Upcoming Exploitation  
Activities

- ❖ Participation in events organized by H2020 CSP projects or organize joined communication activities. Due to COVID-19, we can explore synergies on online events.
- ❖ Publications in open access journals.
- ❖ Organization of consultation workshops (regional/international level).
- ❖ Publication of the updated version of D2.2 (Dissemination materials) and D2.1 (Dissemination and Communication Plan), as well as D2.3 (Proceedings of MUSTEC outreach events) and D2.4 (Policy Briefs Dossier) upon project completion.



# Task 2.2: Dissemination Tools [1/13]



## Logo

- High quality printed
  - Memory grasping
  - Easily conceived
  - Self representative
- Alternative logos designed



## Leaflet

Short **project description** for dissemination among stakeholders at conferences and other events.



## Poster

Publicity poster regarding the project used as promotional material in events.



## Website

## Infographic



General, **basic information** about a specific project outcome to create visibility.

## Templates



**Standard templates** for power point, deliverables, agenda, etc. to create MUSTEC visual identity.

## Social Networks

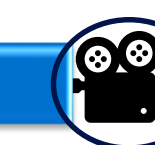


e.g. Facebook, Twitter, LinkedIn, etc.

## E-Newsletters

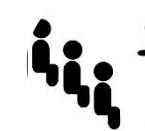


## Videos



## Factsheet

Developed in line with EC guidelines, periodically updated.



## Participation in events



## Press Releases

Opportunity based, short updates in press on project outputs.



## Conference

## Task 2.2: Dissemination Tools [2/13]



### Overview

● Users

1,000



Users

5,177



New Users

5,194



Sessions

6,931



Number of Sessions per User

1.34



Page Views

15,950



Pages/Session

2.30



Avg. Session Duration

00:02:23

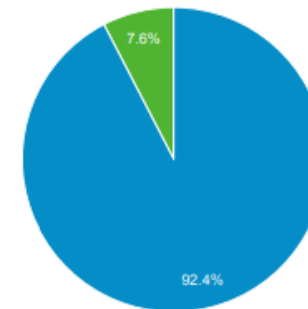


Bounce Rate

64.02%



■ New Visitor ■ Returning Visitor



Project Website

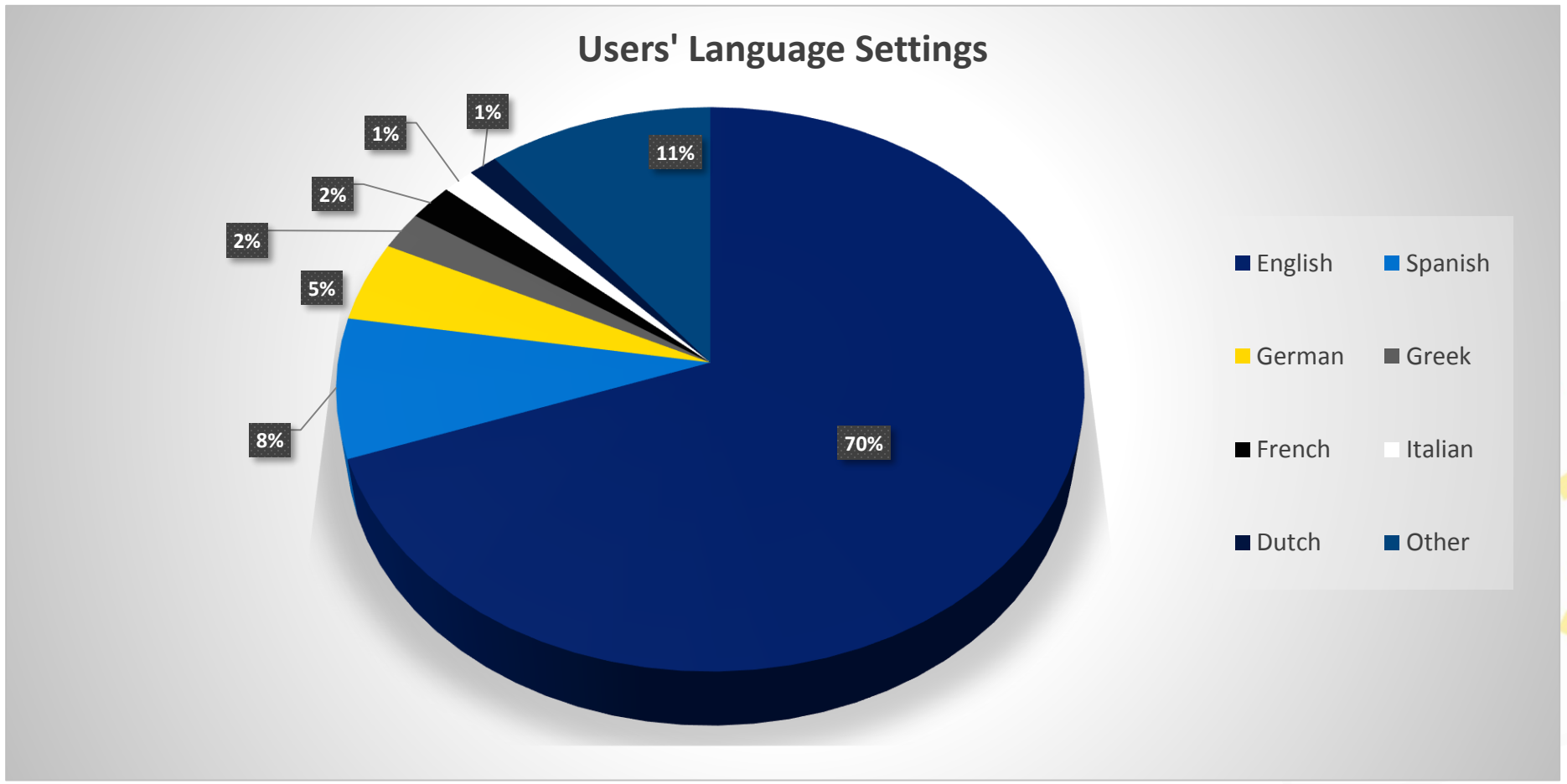
- Statistics till end of April 2020.
- Users Increase against October 2019 is 135% (5,177 vs 3,848).
- Overall target of 2,500 unique visitors is already surpassed.
- Peak in April 2019, coinciding with the Joint CSP newsletter.
- Peak in June 2019, coinciding with the publication of the 2<sup>nd</sup> Policy Brief

# Task 2.2: Dissemination Tools [3/13]



## Statistics

Project Website

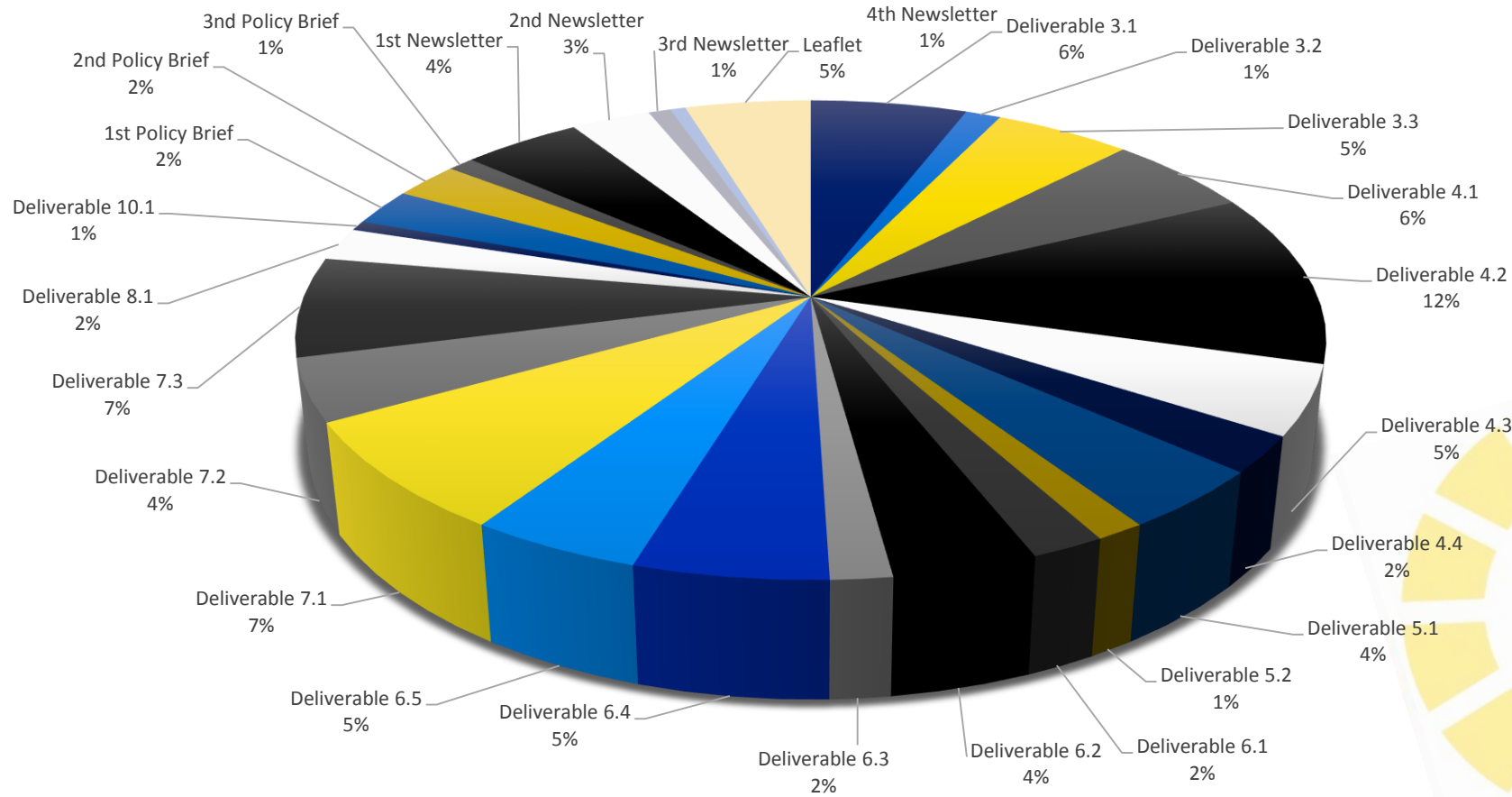


# Task 2.2: Dissemination Tools [4/13]

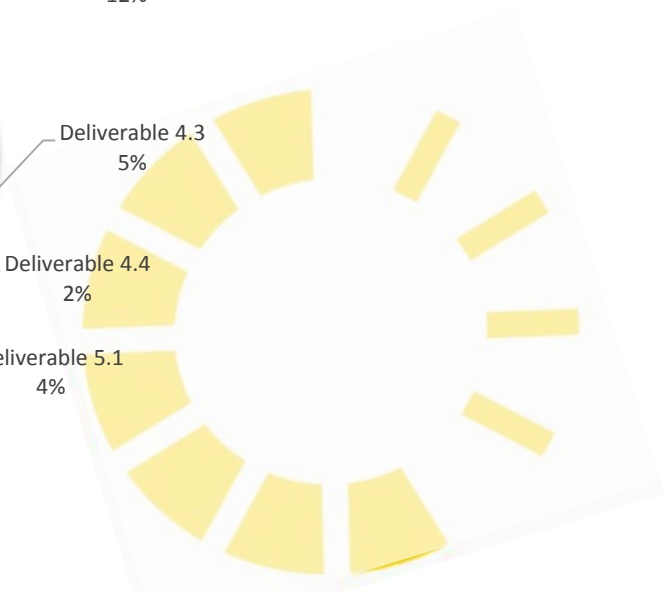


## Statistics

**1,206 downloads in total**



Project Website



# Task 2.2: Dissemination Tools [5/13]



Newsletters

- ❖ Publication of the 1<sup>st</sup> MUSTEC Newsletter in July 2018.
- ❖ Publication of the 2<sup>nd</sup> in December 2018.
- ❖ Publication of the 3<sup>rd</sup> in July 2019.
- ❖ Publication of the 4<sup>th</sup> in January 2020.
- ❖ 107 Downloads till end of April

## 1<sup>st</sup> MUSTEC Newsletter



## 2<sup>nd</sup> MUSTEC Newsletter



## 3<sup>rd</sup> MUSTEC Newsletter



## 4<sup>th</sup> MUSTEC Newsletter



Subscription procedure complies with the GDPR standards.



# Task 2.2: Dissemination Tools [6/13]



## Synergies with other H2020 CSP Projects

Synergies

### ❖ 4<sup>th</sup> Joint Newsletter – November 2018.



**MUSTEC at Energy Networks 2018, Solar PACES 2018 and update of the CSP guru database**

**MUSTEC at the Energy Networks 2018**  
MUSTEC approach and results were presented by the project coordinator Dr. Natalia Caldes Gomez (CIEMAT) in the Meeting of Energy Networks 2018, on the 28<sup>th</sup> of September in Cuernavaca, Mexico, attracting a lot of interest by the participants. The presentation focused on MUSTEC approach, mapping the past, present and future of CSP, and the achieved outputs.

**MUSTEC at Solar PACES, 2018**  
On the 3<sup>rd</sup> of October, Dr. Johan Liljestam from ETH presented the paper "The Dragon Awakens: Will China Save or Conquer Concentrating Solar Power?" at the Solar PACES 2018, debating on the impact of the Chinese CSP industry. ETH also presented the CSP guru database in the poster session.

**Update of the CSP guru database**  
The CSP guru database has been recently updated with all the newest technical, economic, financial, and industrial data on all operating concentrating solar power stations and of stations under construction (larger than 10 MW). The complete dataset is freely available [here](#).

**Learn more about CSP drivers and barriers, technologic and industrial trends, representative project typologies and many more MUSTEC outputs [here](#)**

### ❖ 5<sup>th</sup> Joint Newsletter – April 2019.



**MUSTEC Project Meeting and Policy Brief**

**MUSTEC 3rd Project Meeting**  
During the 3rd project meeting in November 2018, held in Madrid, MUSTEC partners had the chance to thoroughly discuss the findings so far, debate on the challenges faced and fine tune their upcoming activities and steps. All produced reports and scientific publications are available under the following [link](#).

**MUSTEC 1st Policy Brief**  
In December 2018, the 1st MUSTEC Policy Brief was published and circulated, on the Potential Obstacles to the Use of Cooperation Mechanisms for CSP in the Future.

### ❖ 6<sup>th</sup> Joint Newsletter – November 2019.



**Update on the Market Uptake of Solar Thermal Electricity through Cooperation Activities**

**MUSTEC 5th Project Meeting**  
Representatives from 9 European Institutes gathered in Athens, Greece, on the 5th and 7th of November, during the 5th Project Meeting in order to discuss the progress achieved so far, discuss the findings and their interrelations, debate on the challenges faced and fine tune their upcoming activities and steps. The MUSTEC partners had fruitful discussions and shared insights on the ongoing work.

MUSTEC was also represented in the Solar Paces Conference 2019 by Dr. Christoph Kiefer from CSIC and Prof. Johan Liljestam from IASS Potsdam.

**MUSTEC publications**  
Read more on the latest findings regarding the public acceptance of joint projects on RES, the political framework on future cooperation between member states for CSP deployment, as well as the updated policy pathways for energy transition in EU. Also, the 2<sup>nd</sup> MUSTEC Policy Brief is now available, describing and quantifying three different energy policy pathways for Spain's energy transition. All MUSTEC publications, are available [online](#).

### ❖ 7<sup>th</sup> Joint Newsletter – February 2020.



**MUSTEC in EnInnov Conference and other activities**

Franziska Schoniger from TU Wien represented MUSTEC at the EnInnov Conference, in Graz, Austria, on the 14<sup>th</sup> of February 2020, analysing the feasibility offered by solar thermal electricity, and the role of CSP in the EU's future energy system.

**Other activities**  
MUSTEC joined the 3<sup>rd</sup> H2020 CSP Workshop on the 26<sup>th</sup> of November, in INEA premises in Brussels.

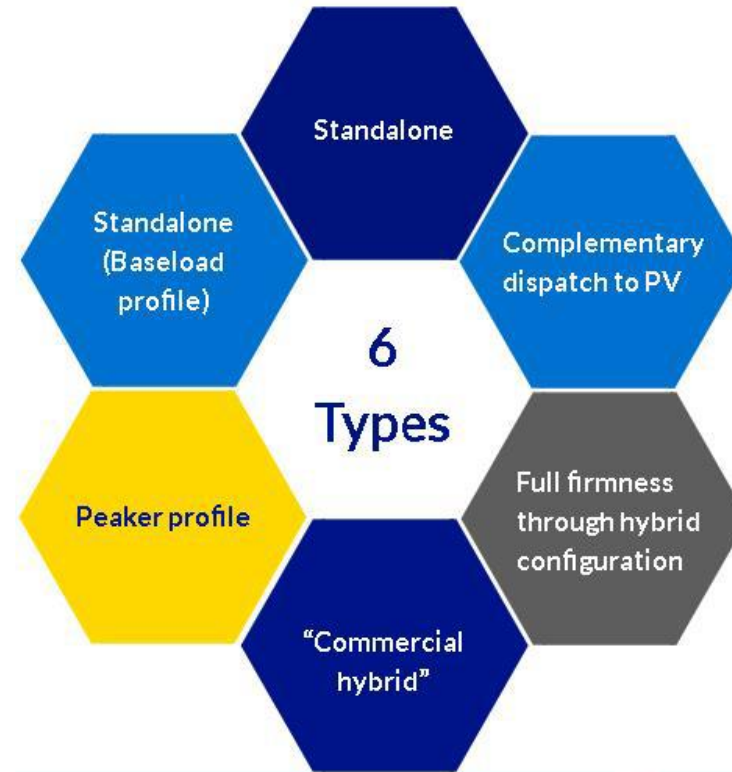
**Publications**

- The project published an assessment report of competitive dispatchable RES technologies that could be utilised for achieving high RES penetration scenarios. [Read the report \[here\]\(#\)](#)
- The 3<sup>rd</sup> MUSTEC Policy Brief and respective report on Policies for CSP deployment by renewable energy cooperation in the EU. Brief and report delve into the extent to which CSP will benefit from new measures and instruments. [Read the brief \[here\]\(#\)](#) and the [report \[here\]\(#\)](#)

## Task 2.2: Dissemination Tools [7/13]

### Infographics

- ❖ Collaboration with the partners for the formulation of a story to tell
- ❖ Can assist in attracting attention and increase downloads and citations
- ❖ Publication of the 1<sup>st</sup> MUSTEC Infographic in May 2019



Example No. 1  
"La Africana" (Spain - parabolic trough)



Example No. 2  
"Noor III" (Morocco - central tower receiver)



**Key Features**

- no fixed operational regime
- adjustable production
- medium size (50-100 MW)
- medium TES\* system (8 hours)

Fulfilling national RE targets in the energy mix, established by the recipient country in its annual NREAP

**Identified Needs**



## Task 2.2: Dissemination Tools [8/13]

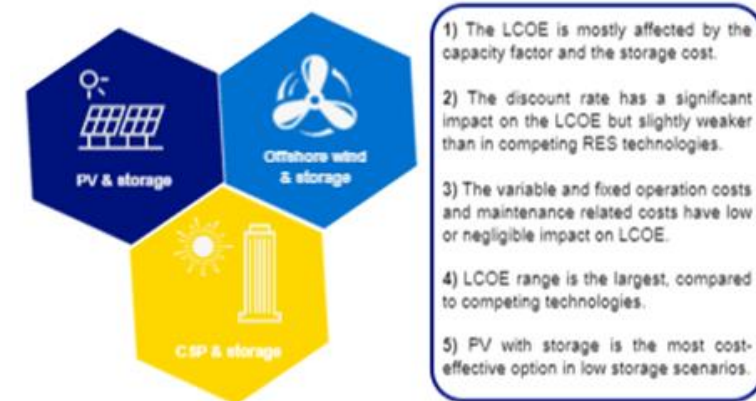
### Infographics

- ❖ Publication of the 2<sup>nd</sup> MUSTEC Infographic in March 2020.
- ❖ Illustrates results from deliverables 6.3 & 6.5.
  - ✓ Insights from the CSP industry's structure and value chain.
  - ✓ Outcomes from the comparison of competing dispatchable RES technologies.

#### Insights from the CSP industry



#### Lesson learned from competing technologies



## Task 2.2: Dissemination Tools [9/13]



Social Media

- ❖ **Twitter:** Twitter launch via the TEESLab Twitter account (79 Followers), with the hashtag #MUSTEC (119 tweets). 183 tweets with #MUSTEC by the consortium in total.
- ❖ **LinkedIn:** TEESLab – University of Piraeus (789 members).
- ❖ **Dedicated MUSTEC Linked In Page (29 page updates)**
- ❖ The impressions from all partner's twitter & LinkedIn accounts should be compiled for the statistics in the final report. Any tools to do this?

## Task 2.2: Dissemination Tools [10/13]



### Climate Mitigation Portal

- ❖ **MUSTEC** was included in the Related EU Projects of the **Climate Mitigation Portal** in M23.

A dedicated MUSTEC page was created, providing information about the structure and the scope of the project.

- ❖ A series of articles were published, in order to disseminate **MUSTEC** results to a wider audience.
- ❖ The **1<sup>st</sup> MUSTEC Article** was published in the Portal in September 2019.
- ❖ 7 more Articles were published in the Portal between January-May 2020.



MUSTEC

### MUSTEC project



In the light of the EU 2030 Climate and Energy framework, MUSTEC aims to explore and propose concrete solutions to overcome the various factors that hinder the deployment of concentrated solar power (CSP) projects in Southern Europe capable of supplying renewable electricity on demand to Central and Northern European countries. MUSTEC will build on the experience and knowledge generated around the cooperation mechanisms and CSP industry developments building on concrete CSP case studies. Thereby MUSTEC partners will consider the present and future European energy market design and policies as well as the value of CSP at electricity markets and related economic and environmental benefits. In this respect, MUSTEC combines a dedicated, comprehensive and multi-disciplinary analysis of past, present and future CSP cooperation opportunities with a constant engagement and consultation with policy makers and market participants. This will be achieved through an intense and continuous stakeholder dialogue and by establishing a tailor-made knowledge sharing network.

## Task 2.2: Dissemination Tools [11/13]



Climate Mitigation Portal

- ❖ 1<sup>st</sup> article: Project structures and financing opportunities for CSP projects (D6.3).
- ❖ 2<sup>nd</sup> article: Lessons from existing cooperation initiatives & competing RES technology concepts (D6.5)
- ❖ 3<sup>rd</sup> article: Socio-political acceptance of joint RES and CSP cooperation projects (D3.1, D3.2 & D3.3).
- ❖ 4<sup>th</sup> article: Drivers & barriers concerning RES cooperation and the market uptake of CSP (D4.1, D4.3 & D4.4).
- ❖ 5<sup>th</sup> article: Selection of alternative projects and policy implications, suitable for CSP/STE cooperation (D5.1 & D5.2).
- ❖ 6<sup>th</sup> article: Geopolitical context & energy cooperation mechanisms for CSP deployment (D6.2 & D6.4).
- ❖ 7<sup>th</sup> article: Key issues affecting CSP development in Europe (D10.1)



MUSTEC

### MUSTEC project

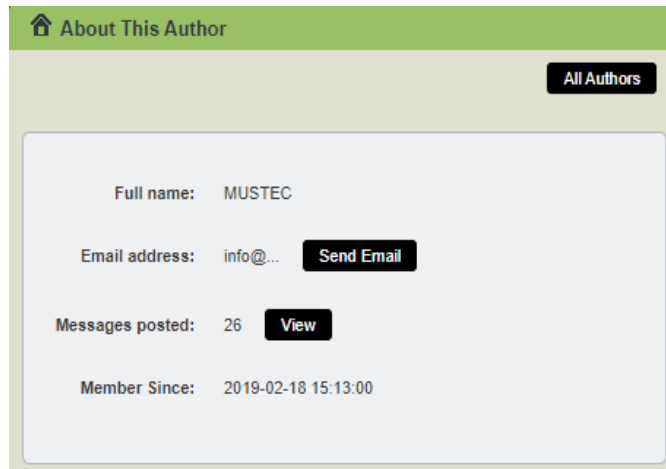


In the light of the EU 2030 Climate and Energy framework, MUSTEC aims to explore and propose concrete solutions to overcome the various factors that hinder the deployment of concentrated solar power (CSP) projects in Southern Europe capable of supplying renewable electricity on demand to Central and Northern European countries. MUSTEC will build on the experience and knowledge generated around the cooperation mechanisms and CSP industry developments building on concrete CSP case studies. Thereby MUSTEC partners will consider the present and future European energy market design and policies as well as the value of CSP at electricity markets and related economic and environmental benefits. In this respect, MUSTEC combines a dedicated, comprehensive and multi-disciplinary analysis of past, present and future CSP cooperation opportunities with a constant engagement and consultation with policy makers and market participants. This will be achieved through an intense and continuous stakeholder dialogue and by establishing a tailor-made knowledge sharing network.

## Task 2.2: Dissemination Tools [12/13]

- ❖ **Community Mailing Lists of the IISD Reporting Services: 26 unique MUSTEC announcements in the Climate L and Energy L lists**

Climate L & Energy L lists



Home About This Author

All Authors

Full name: MUSTEC

Email address: info@... [Send Email](#)

Messages posted: 26 [View](#)

Member Since: 2019-02-18 15:13:00

Date	Subject	Author
2020-04-08 17:05:00	<a href="#">Synthesis of key issues affecting CSP development in Europe</a>	MUSTEC
2020-01-04 04:12:00	<a href="#">Lessons from existing cooperation initiatives, competing technologies and concepts Authors: Alexand</a>	MUSTEC
2019-11-02 00:29:00	<a href="#">Mapping the policy variables affecting the role of concentrating solar power in the European Union</a>	MUSTEC
2019-11-02 00:28:00	<a href="#">Analysis of the barriers to the use of the cooperation mechanisms for renewable energy in the EU</a>	MUSTEC
2019-11-02 00:28:00	<a href="#">Whither CSP? Taking stock of a decade of concentrating solar power expansion and development.</a>	MUSTEC
2019-10-31 17:37:00	<a href="#">Policies for CSP deployment by renewable energy cooperation in the EU.</a>	MUSTEC
2019-10-31 17:36:00	<a href="#">Policy pathways for the energy transition in Europe and selected European countries</a>	MUSTEC
2019-10-30 16:20:00	<a href="#">Public acceptance of joint projects in renewable energies: A survey study in four countries.</a>	MUSTEC
2019-10-30 16:20:00	<a href="#">The dragon awakens: Will China save or conquer concentrating solar power?</a>	MUSTEC
2019-09-29 23:43:00	<a href="#">Call for Papers: Special Issue on Dispatchable RES and Flexibility in High RES Penetration Scenarios</a>	MUSTEC
2019-07-25 17:41:00	<a href="#">CSP News and Outputs from the H2020 MUSTEC Project</a>	MUSTEC
2019-07-01 14:53:00	<a href="#">Analysis of prospects for different CSP technology and operation concepts</a>	MUSTEC
2019-06-14 13:01:00	<a href="#">New MUSTEC Policy Brief on policy pathways for Spain's energy transition</a>	MUSTEC
2019-06-13 12:53:00	<a href="#">New MUSTEC report on the evaluation of the pros and cons of different alternative CSP Projects</a>	MUSTEC
2019-06-13 12:53:00	<a href="#">New MUSTEC report on current project structures and financing opportunities for CSP projects</a>	MUSTEC
2019-06-12 02:38:00	<a href="#">New MUSTEC report on the socio-political acceptance of CSP cooperation projects</a>	MUSTEC
2019-05-29 15:03:00	<a href="#">1st MUSTEC Infographic</a>	MUSTEC
2019-05-08 02:06:00	<a href="#">News and results from 16 H2020 CSP Projects</a>	MUSTEC

## Task 2.2: Dissemination Tools [13/13]

Videos

**Video:** The draft scenario on the video has been shared for comments. Its duration is expected around 90 seconds.

A second video on the key outputs from the recommendation and the roadmap will be produced upon their finalization (approximately November 2020).



## Task 2.3: Outreach to industry and policy makers (1/9)



Events

- ❖ Each partner is to participate in at least two events to disseminate MUSTEC outputs and results – Short description and material (photos, agenda, presentations etc.) to be provided to UPRC.
- ❖ Considering the COVID-19 situation, a strategy to overcome the difficulties with planned events should be discussed. Further increase of the MUSTEC online presence will be realised (in terms of social media presence and articles).

Adapted due to COVID-19



## Task 2.3: Outreach to industry and policy makers (2/9)



### Events' database

Events

- ❖ To keep track of and properly report the events the partners take part in to disseminate MUSTEC, partners should share info on the person participating, date, event title, place and purpose, including any available material (agenda, presentation, photo etc) – should be shared with UPRC.
- ❖ 10 event participations by CIEMAT (Spain, Belgium, Mexico)
- ❖ 4 event participations by IASS Potsdam (Morocco, 2 in Portugal, South Korea) and 1 radio interview (Sweden)
- ❖ 3 event participations by ESTELA (Spain, Belgium, Germany)
- ❖ 3 event participations by CSIC (Finland, Spain, South Korea)
- ❖ 2 event participation by TU Wien (Slovenia, Austria)
- ❖ 2 event participations by Fraunhofer (UK, Germany)
- ❖ 1 event participation by UPRC (Athens)



# Task 2.3: Outreach to industry and policy makers (3/9)



Participation in events so far



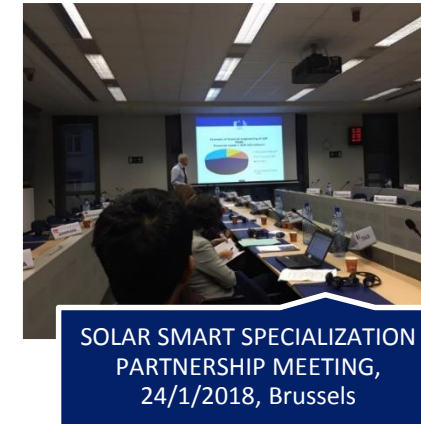
GRIDSOL 1<sup>st</sup> public workshop,  
5/10/2017, Spain



ESTELA General Assembly,  
22/1/2018, Brussels



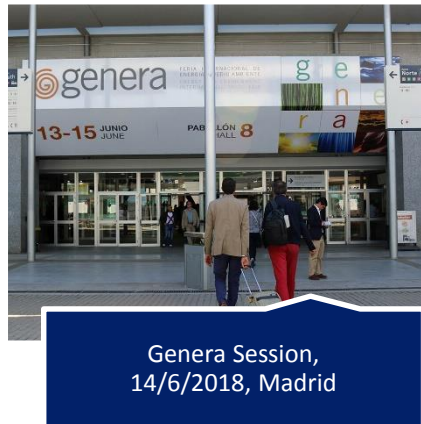
STAGE-STE Final Workshop,  
23/1/2018, Brussels



SOLAR SMART SPECIALIZATION  
PARTNERSHIP MEETING,  
24/1/2018, Brussels



High Level Event S3P Energy,  
25/1/2018, Brussels



Genera Session,  
14/6/2018, Madrid



INEA 2<sup>nd</sup> Workshop, 26/6/2018,  
Brussels



Reunión de Redes de Energía,  
26-28/9/2018, Cuernavaca

# Task 2.3: Outreach to industry and policy makers (4/9)



Participation in events so far



SolarPACES 2018,  
2-5/10/2018, Casablanca



BETD Workshop, 11/4/2019,  
Berlin



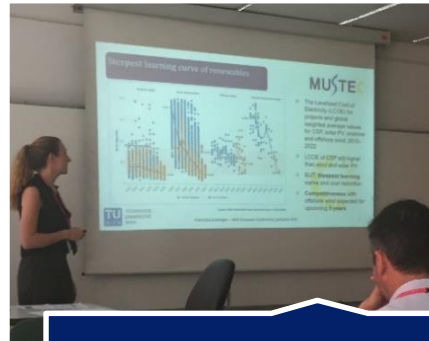
4<sup>th</sup> NEST Annula Conference,  
4-5/4/2019, Lisbon



ESEE Conference, 20/6/2019,  
Turku



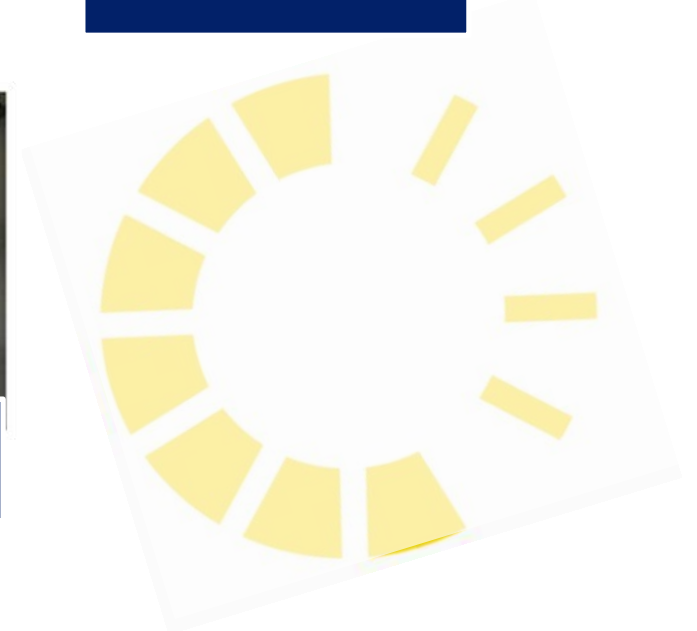
ECRES Conference, 12/6/2019,  
Madrid



IAEE Conference, 27/8/2019,  
Ljubljana



ICEP Conference, 6/9/2019,  
Plymouth





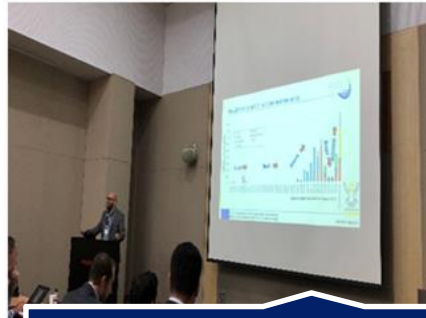
# Task 2.3: Outreach to industry and policy makers (5/9)



Participation in events so far



Desert Fuels Workshop, 23/9/19, Köln



SolarPaces Conference, 2/10/2019, Daegu



SolarPaces Conference, 2/10/2019, Daegu



12<sup>th</sup> Promitheas Conference, 10/10/2019, Athens



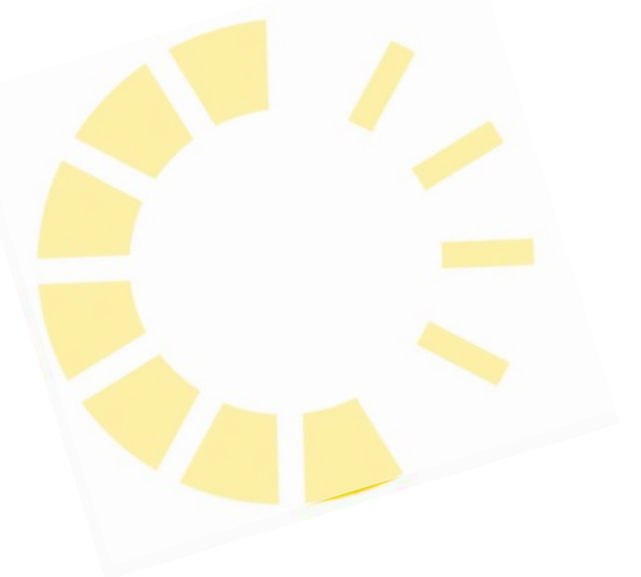
3rd H2020 CSP Workshop, 26/11/2019, Brussels



XV Congress of the Spanish association of Energy Economists (AEEE), 30/01/2020, Toledo



EnInnov Conference, 14/2/2020, Graz



## Task 2.3: Outreach to industry and policy makers (6/9)



### MUSTEC Events

Events to facilitate dialogue and knowledge exchange among Network of Stakeholders and MUSTEC researchers

- ❖ International Workshops: organized at EU level with CSP industry representatives, electricity market participants, policy makers, researchers (average 30 participants per workshop).
- ❖ Regional Workshops: organized at regional level with stakeholders (average 30 participants per workshop).
- ❖ Special workshop to present CSP roadmaps to industry and policy options workshop to discuss recommendations with various stakeholders.
- ❖ Final Conference.
- ❖ In the frame of COVID-19, how are we to respond to the organization of these events?

Adapted due to  
COVID-19

## Task 2.3: Outreach to industry and policy makers (7/9)



### Scientific Publications

Three MUSTEC produced scientific publications so far:

- ❖ Caldés, N.; del Río, P.; Lechón, Y.; Gerbeti, A. Renewable Energy Cooperation in Europe: What Next? Drivers and Barriers to the Use of Cooperation Mechanisms. *Energies* 2019, 12, 70.
- ❖ Lilliestam, J., Pitz-Paal, R. (2018): Concentrating solar power for USD 0.07 per kWh - finally the breakthrough?, in: *Renewable Energy Focus* 26, pp. 17-21
- ❖ Lilliestam, J., Ollier, L., Pfenninger, S. (2019): The Dragon awakens: is China saving or conquering concentrated solar power?, in: *AIP conference proceedings* 2126 (1), 130006.

## Task 2.3: Outreach to industry and policy makers (8/9)



Publications

### ❖ Policy Briefs (ESTELA).

4 Policy briefs to be developed - **D2.4** on policy briefs on **M36 (M39)**.

- ❖ **1<sup>st</sup> Policy Brief on the Obstacles to the Use of Cooperation Mechanisms for CSP in December 2018.**
- ❖ **2<sup>nd</sup> Policy Brief on Policy pathways for Spain's energy transition in June 2019.**
- ❖ **3<sup>rd</sup> Policy Brief on Policies for CSP deployment by renewable energy cooperation in the EU in February 2020.**
- ❖ **4<sup>th</sup> Policy Brief in June/July 2020 - WP3: Sociopolitical and public acceptance findings?**
- ❖ **5<sup>th</sup> Policy Brief in December 2020 - WP10: Action Plan and Policy recommendations?**



## Task 2.3: Outreach to industry and policy makers (9/9)



Publications

### ❖ **MUSTEC Working Documents Series (UPRC).**

MUSTEC deliverables branded as MUSTEC Working Documents.

This format of publication focuses on highlighting preliminary findings, such as the technical results, which are available in a series of technical reports. Working Documents lay a sound basis on which policy options are formulated. For example, methodologies, tools or indicators are detailed and empirical data are presented in Working Documents.

- ❖ Two working documents have been developed so far, on WPs 4 and 5, and have been shared for comments. WP4 working document is scheduled for publication end of May, while WP5 end of June.
- ❖ Work on WP6 working document is ongoing.
- ❖ Other WPs will follow.

# Some Numbers



Action	Indicators	Progress till end of April 20	Completion
Website visitors	2,500	5,177	√
Deliverable Downloads	1,000	980	
Newsletters (MUSTEC & Joint H2020 CSP)	150 subscribers	381	√
Policy briefs	150 downloads	205	√
Social Media posts (Twitter & LinkedIn)	-	233 UPRC tweets (317 overall), with 145,371 impressions and 1,767 engagements 42 UPRC posts LinkedIn: >19,000 views & >300 reactions	√
Scientific Articles	5	3 + 5 under review	√
Dissemination Events attended	-	25	√





*Dr. Alexandra Papadopoulou*

*e-mail: [alexpapa@unipi.gr](mailto:alexpapa@unipi.gr)*

*Assoc. Professor Dr. Alexandros Flamos*

*Director of Technoeconomics of Energy Systems Laboratory (TEESLab)*

*<http://teeslab.unipi.gr>*

*Editor in Chief at Energy Sources, Part B: Economics, Planning, and Policy*

*Dept. of Industrial Management & Technology*

*University of Piraeus (UNIPi)*

*e-mail: [aflamos@unipi.gr](mailto:aflamos@unipi.gr)*

*<http://teeslab.unipi.gr/team/alex-flamos>*



## Market Uptake of Solar Thermal Electricity through Cooperation



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 764626