

Gemasolar Solar Thermal Plant in Spain.  
Owned by Torresol Energy and developed by SENER. ©SENER

1<sup>st</sup> Announcement

## ODAK2023 Kick-Off Event

Sunrise for Concentrating Solar Thermal (CST) in Turkey

METU, Ankara, Turkey

26<sup>th</sup> February 2020

**About ODAK2023:** ODAK2023 is a new initiative by METU-GÜNAM to create a common national vision for CST in Turkey in 2023 and an associated Strategic Research and Innovation Agenda to reach this vision.

- **ODAK** means *focus* in Turkish and derives from the Turkish form of Concentrating Solar Thermal: *Odaklanmış Isıl Güneş Enerjisi*.
- The year **2023** is significant for two reasons. First, 2023 is the 100<sup>th</sup> anniversary of the founding of the Turkish Republic and Turkey has established many national goals for this year. Second, 2023 is the approximate end-date of four strongly aligned EU H2020 CST Projects in which METU-GÜNAM is participating.



### ODAK2023 Goal:

Innovation-Based and Sustainable Economic Growth Catalyzed by Scientific Excellence in CST.

**ODAK2023 Objectives:** To strengthen Turkey's Scientific Excellence in CST:

- In harmony with EU initiatives including EU-SOLARIS and the Strategic Energy Technology Plan (SET-Plan);
- To catalyze innovation-based growth in Turkey's CST Industrial Capacities and Markets;
- To support the transition to a sustainable, secure, affordable and low-carbon energy future.

### About ODAK2023 Kick-Off Event

The ODAK2023 Kick-Off Event is being organized by METU-GÜNAM (Turkey) in collaboration with our strategic European CST partners CIEMAT-PSA (Spain), DLR (Germany), and ESTELA (Europe). The goal of the ODAK2023 Kick-Off Event is to provide an open forum to begin to define ODAK2023 and promote collaboration among Key National Stakeholders to achieve ODAK2023. A specific emphasis for the ODAK2023 Kick-Off Event is to showcase opportunities created by

1. METU-GÜNAM's involvement in

- Five EU Horizon 2020 Projects: 1. SolarTwins; 2. HORIZON-STE; 3. INSHIP; 4. SFERA-III; and 5. GeoSmart;
  - The European Research Infrastructure Consortium (ERIC) for CST: EU-SOLARIS ERIC;
  - A bi-lateral project on industrial solar drying with The Research and Technology Center of Energy (CRTE) of Tunisia.
2. The Turkish governments large investments in METU-GÜNAM.
3. Additional CST activities and capacities in Turkey.

## Confirmed Keynote Speakers from Turkey's Strategic EU Partners

**Marcel Bial**  
Secretary General  
ESTELA  
Brussels, Belgium



**Dr. Reiner BUCK**  
Head of Solar Tower Systems  
DLR  
Stuttgart, Germany



**Prof. Dr. Eduardo ZARZA**  
R+D Technical Coordinator  
CIEMAT-PSA  
Almeria, Spain

### Invited Domestic Speakers:

**Dr. Oğuz Can**  
Head of Energy Eff. & Env. Dep't  
Min. of Energy & Natural Res.

**Representative for Director  
General of Renewable Energy**  
Gen. Directorate of Energy Affairs

**Prof. Dr. Raşit Turan**  
Director  
METU-GÜNAM

**Dr. Ilknur Yılmaz**  
H2020 Energy National Contact Pt.  
TÜBİTAK

**Call for Presentation Abstracts:** The Objective for all Presentations is to catalyze collaboration in CST by sharing Opportunities, Capacities, and Activities, which is in contrast to a traditional scientific conference focused on disseminating scientific outcomes. Interested presenters are invited to submit a Presentation Title and 200-400 Word Abstract to [dbaker@metu.edu.tr](mailto:dbaker@metu.edu.tr) by 5 Feb. 2020. Results for submitted abstracts will be announced on 7 Feb. 2020. All accepted abstracts will be published in the *ODAK<sub>2023</sub> Kick-Off Event* book of abstracts.

### Important Dates:

- 27 Jan. 2020:** 1<sup>st</sup> Announcement & Abstract Submission Opened
- 3 Feb. 2020:** 2<sup>nd</sup> Announcement
- 5 Feb. 2020:** Abstract Submission Closed
- 7 Feb. 2020:** Notification of Accepted Abstracts
- 10 Feb. 2020:** 3<sup>rd</sup> Announcement & Online Registration Opened
- 19 Feb. 2020:** Final Announcement and Agenda
- 26 Feb. 2020:** *ODAK<sub>2023</sub> Kick-Off Event* at METU

### Local Organizing Committee:

**Prof. Dr. Derek BAKER (Chair)**, METU-GÜNAM  
**Dr. Yelda ERDEN-TOPAL (Vice-Chair)**, METU-TEKPOL  
**Prof. Dr. Burcu AKATA-KURÇ**, Micro & Nano Tech., METU  
**Ass't. Prof. Dr. Zöhre KURT**, Env. Engr., METU  
**Prof. Dr. Tuba OKUTUCU-ÖZYURT**, Mech. Engr., METU  
**Prof. Dr. Ilker TARI**, METU-GÜNAM

**Registration Fee:** None

### Contact:

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**Yelda ERDEN-TOPAL:** [yeldae@metu.edu.tr](mailto:yeldae@metu.edu.tr)

### Showcased EU H2020 Projects



HORIZON  
STE



### Organizing Institutions



### Funding Agencies Supporting Showcased Projects



The European Union projects have received funding from the Horizon 2020 research and innovation program under grant agreements No 856619 (SolarTwins), 838514 (HORIZON-STE), 731287 (INSHIP), 823802 (SFERA-III), and 818576 (GeoSmart).



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