

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

1st Announcement

ODAK2023 Kick-Off Event

Sunrise for Concentrating Solar Thermal (CST) in Turkey

METU, Ankara, Turkey

26th 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 100th 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. İlknur 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 by 5 Feb. 2020. Results for submitted abstracts will be announced on 7 Feb. 2020. All accepted abstracts will be published in the *ODAK2023 Kick-Off Event* book of abstracts.

Important Dates:

- 27 Jan. 2020:** 1st Announcement & Abstract Submission Opened
- 3 Feb. 2020:** 2nd Announcement
- 5 Feb. 2020:** Abstract Submission Closed
- 7 Feb. 2020:** Notification of Accepted Abstracts
- 10 Feb. 2020:** 3rd Announcement & Online Registration Opened
- 19 Feb. 2020:** Final Announcement and Agenda
- 26 Feb. 2020:** *ODAK2023 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. İlker TARI, METU-GÜNAM

Registration Fee: None

Contact:

Derek BAKER: dbaker@metu.edu.tr
Yelda ERDEN-TOPAL: 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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