



MSA-Trough

Development of a parabolic Trough concentrator system for Molten Salt Application



Funded by
the European Union

Welcome and overview of the project Diogo Canavarro, UEVORA

1st Webinar
Online
17-09-2024



Deutsches Zentrum
für Luft- und Raumfahrt
German Aerospace Center



Organisational aspects



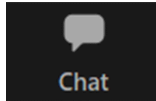
- Zoom meeting

- Please mute your microphones



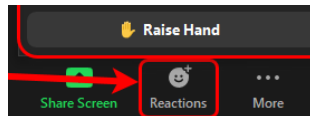
- For questions/comments, please use:

- The 'Chat Box'



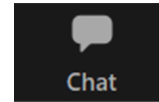
Or

- The 'Raise Hand' feature under the reactions button to speak

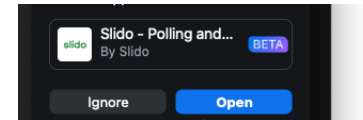


- Interacting via Slido

- A message will appear in the Zoom 'Chat Box'



- Click on 'Open the slido' to participate in the live poll



OUTLINE

**PROJECT
OVERVIEW**

STRUCTURE

PARTNERS

STAKEHOLDERS

MSA-Trough

PROJECT OVERVIEW

Project Overview

- **Full title:** Development of a parabolic Trough concentrator system for Molten Salt Application
- **Consortium:** UEVORA [PT, COORD.], DLR [DE], ENEA [IT], FERRUM [ES], RODAMA [ES], SOLARLITE [GE], OME [FR]
- **Duration:** 01.10.2023 – 31.03.2027 → @ M11
- **Funding:** European Climate, Infrastructure and Environment Executive Agency (CINEA), GA N° 101122276
- **Website:** www.msa-trough.eu

General info

Project Overview

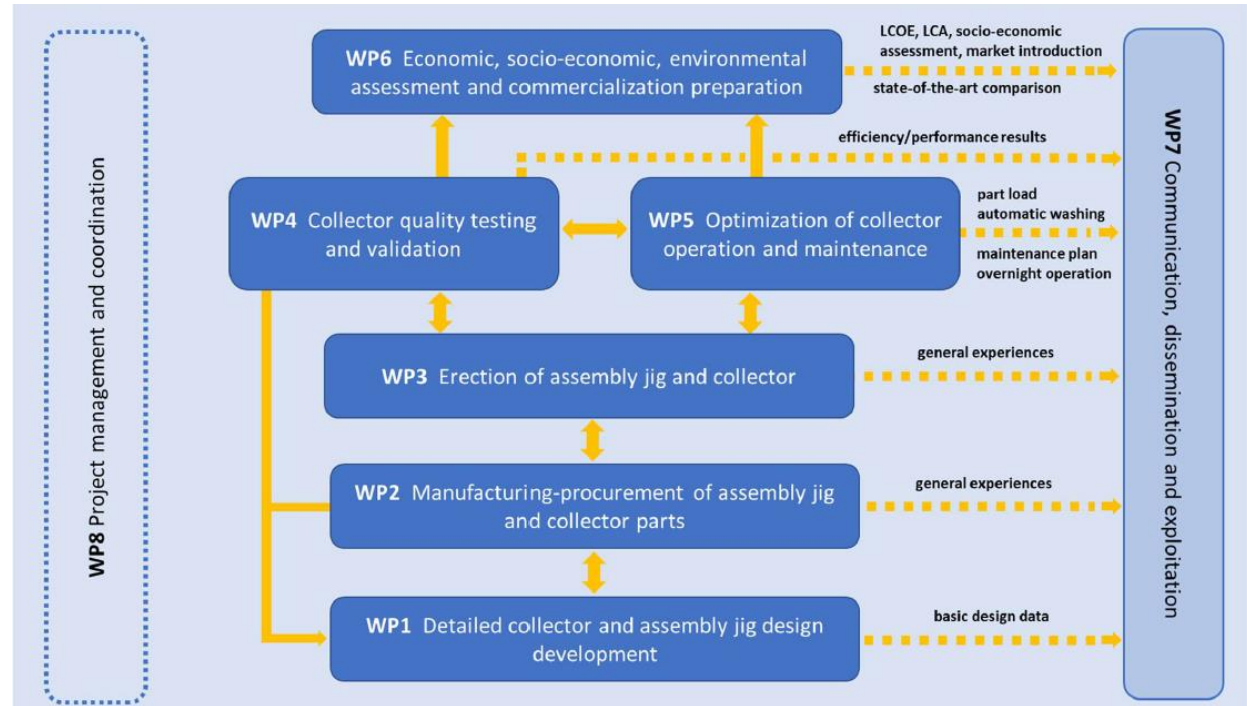
- **Goals:** The global objective of the MSA-Trough project is to develop and demonstrate a novel cost-competitive parabolic trough collector (targets: LCOE to 8,4 €Cent/kWhel | LCOH to 2,1 €Cent/kWhth)
- **Demonstration:** To reach this goal a 350m-long MSA-Trough Prototype will be tested and demonstrated at the Évora Molten Salt Platform (EMSP) located in Évora, Portugal.

Goals



Project Structure

→ **Structure:** The project is structure within 8 workpackages



WPs

Partners

→ **Project Partners:** The project is composed by 7 partners.

- ◆ 1 University: UEVORA - Coordinator
- ◆ 2 R&D Centers: DLR, ENEA
- ◆ 3 Industrial Partners: FERRUM, RODAMA, SOLARLITE
- ◆ 1 NGO: OME

Consortium



UNIVERSIDADE
DE ÉVORA

Ferrum
■ technoindustrial



 Deutsches Zentrum
für Luft- und Raumfahrt
German Aerospace Center

ENEA
Italian National Agency for New Technologies,
Energy and Sustainable Economic Development

 **ome**
Observatoire Méditerranéen de l'Énergie

 **RODAMA**

Stakeholders

→ **Project Stakeholders:** The contact with stakeholders is done via multiple ways (non-extensive list)

Via Academia	Via R&D	Via Industrial	Via Associations
Students and scholars	Research community	Industrial partners, associations	OME members and stakeholders
Researchers and engineers in the solar field	IEA Implementing agreements	Suppliers	Energy Associations
Other research consortia	Standardisation bodies	Customers	National energy agencies & regulators

Consortium

MSA-Trough

QUESTIONS?