

# Solar Heat for a wide range of applications – deck for Solplat

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# Suncom Energy introduction



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A veces, no se trata de hacer más, sino de hacerlo mejor, y esto también se aplica a la captación de energía solar – SOLARNEWS

Founded in 2019

Location: Houten Netherlands

Founder: Henk Arntz, serial entrepreneur

Patented micro CSP technology

Technology proven at CIEMAT, Almeria (2022)

Today:

FTE: 14 people

First customers confirmed in Netherlands

First installation completed

Strategic focus on growth in Iberia market

Spanish legal entity: SL (Q1-24)



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# Two parabolic reflector modules concentrating the sun on a receiver to heat molten salt at Plataforma Solar de Almería (PSA)

Working principle (Spring 2022) - CIEMAT

Standby of two reflectors



Reflector focused and tracking the sun





# You are welcome at our demonstration setup in Houten, the Netherlands



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Demo setup

Receiver illuminated by the sun



Two SunArcs in operation in Houten, with mirrors from Spain

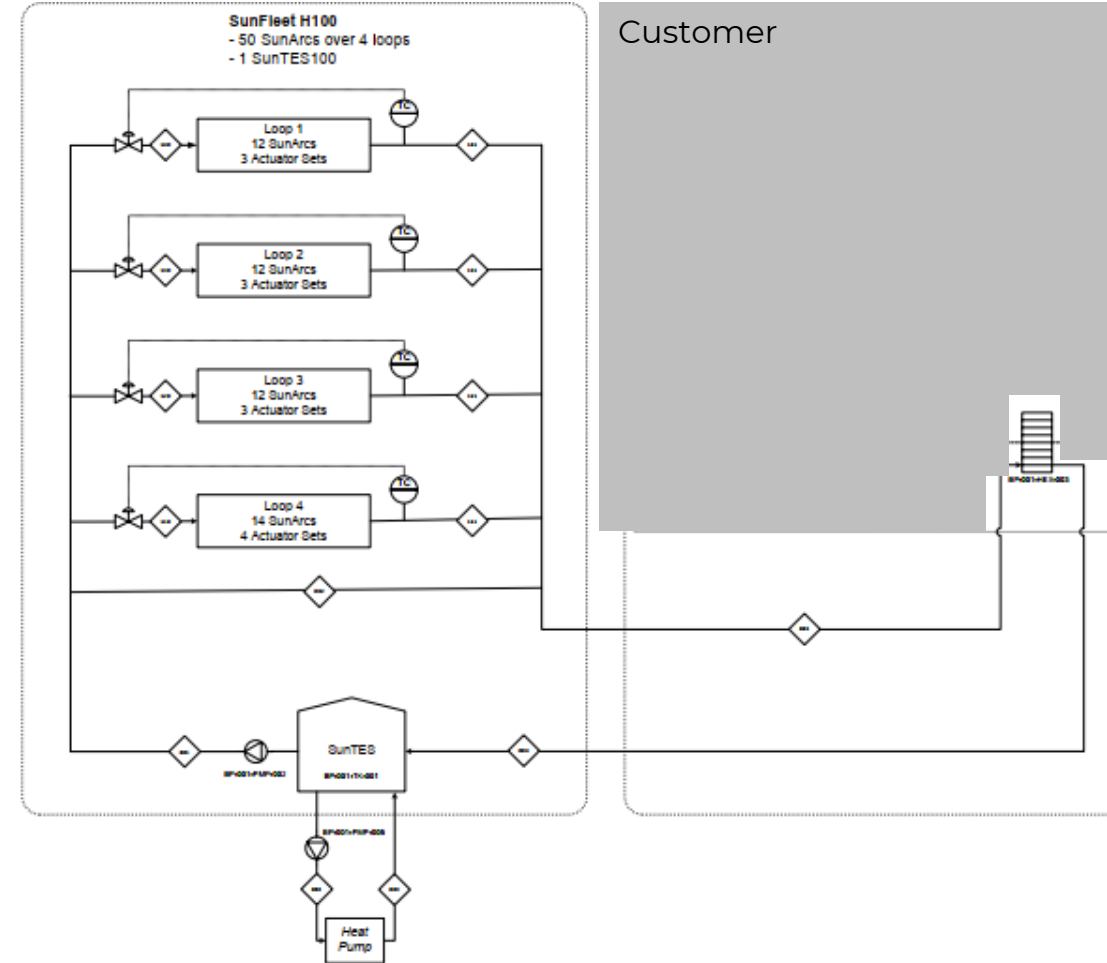


## Demonstration plant

### 3D design of SunFleet of 50 SunArcs (400kW)



### Proces Flow Diagram





Current setup

Construction status on December 6<sup>th</sup> 2023



## Why Micro CSP? Decarbonize the world's energy supply by providing 24/7 clean heat and electricity



### Benefits

- ✓ **Low-cost energy**
- ✓ **Price stability**
- ✓ **Control over self-generation and storage of energy** (less dependency of suppliers & less sensitive of geopolitical challenges)
- ✓ Modular design to enable individual needs
- ✓ Heat generation up to 425 degrees Celsius
- ✓ Easy maintenance
- ✓ Available and recyclable materials

"If you are making electricity, PV is much cheaper to create renewable energy. However for industrial process heat, CSP is the clear winner, it is not even close on economics"

**Joost Korver**

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