

SolarFocus-2:

Validation of the “SolarFocus” coating and development of a new system for its application on MSSR tubes

The context

The Molten Salt Solar Receiver (MSSR) is one of the key equipment of the CSP tower plant. John Cockerill Solar is working on the improvement of the performances and reliability of this equipment in order to optimize its design and cost.

Project Description

The test loop is in this way more representative of the plant reality:

- The validation of the “SolarFocus” coating performances and,
- The development of a new equipment for the application of this coating on MSSR tubes.

Partners

John Cockerill:

Design of the coating application equipment

Advanced Coating:

application of the high temperature Plasma-sprayed solar absorber coating

CRM:

Tests on the solar absorber coating

Schedule

From 01/11/2018 to 31/04/2020

Budget

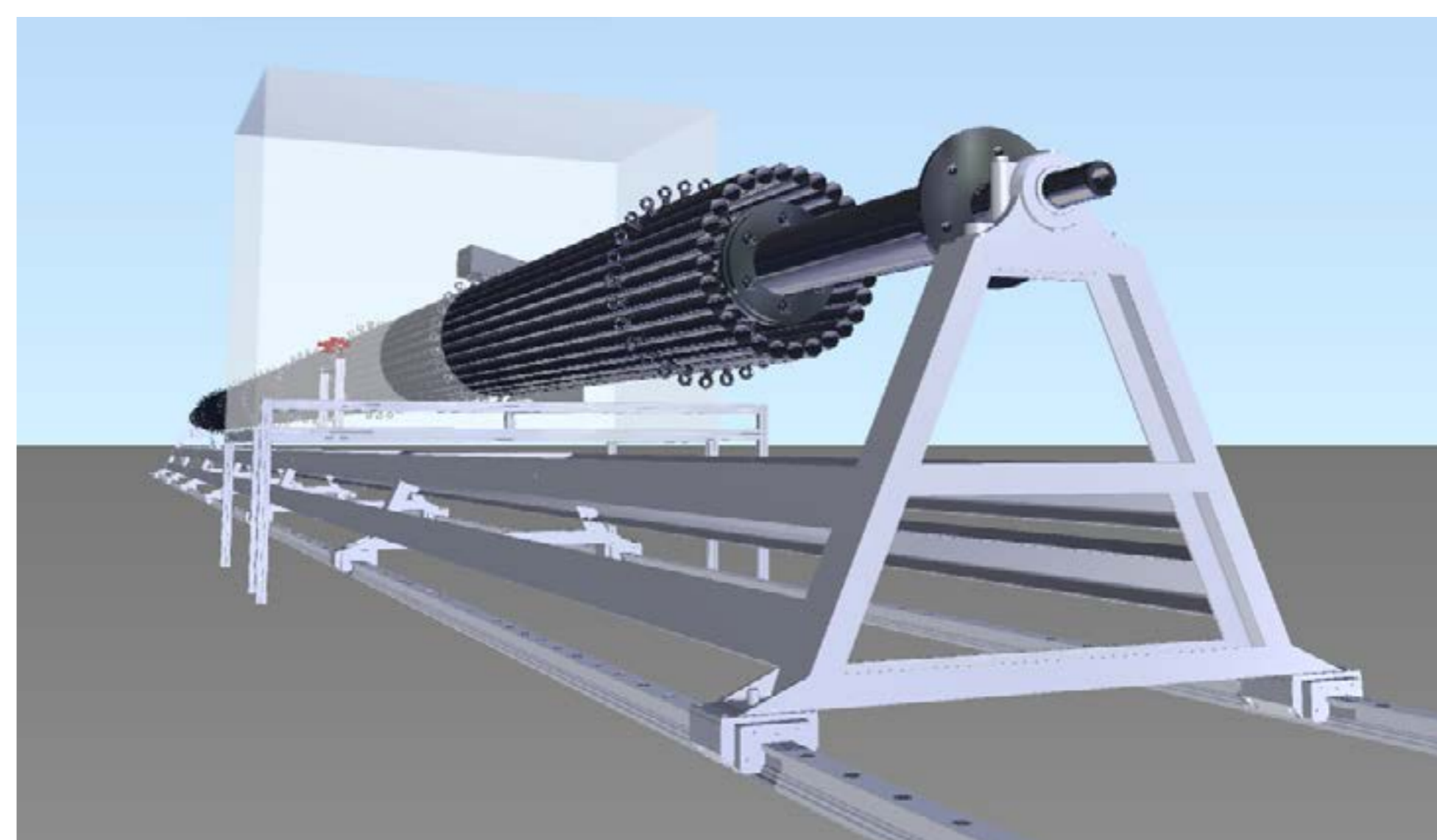
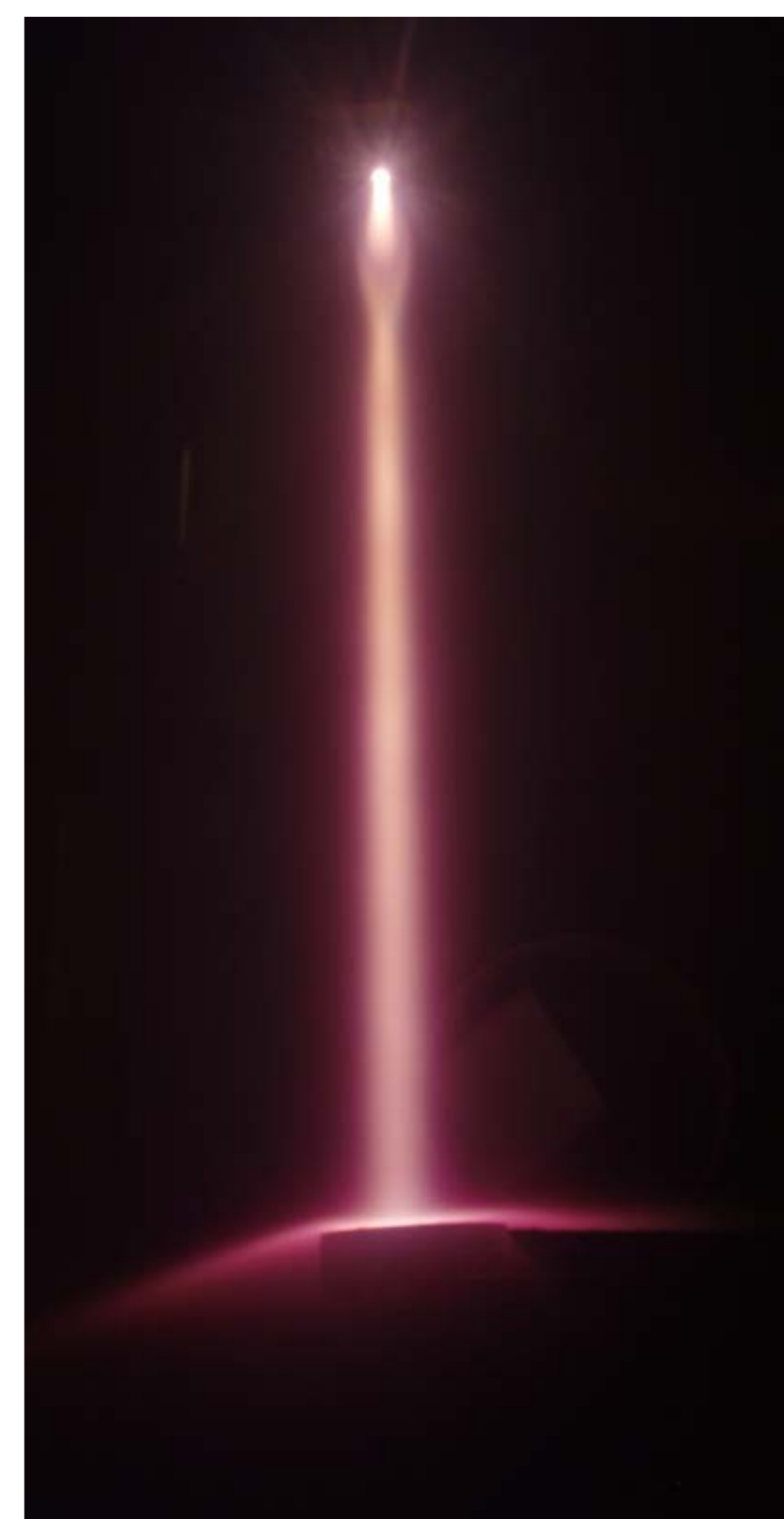
Total: 518K€ / Funding: 278K€

johncockerill.com/energy

SOLAR FOCUS 2



LE FONDS EUROPÉEN DE DÉVELOPPEMENT RÉGIONAL ET LA WALLONIE INVESTISSENT DANS VOTRE AVENIR



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