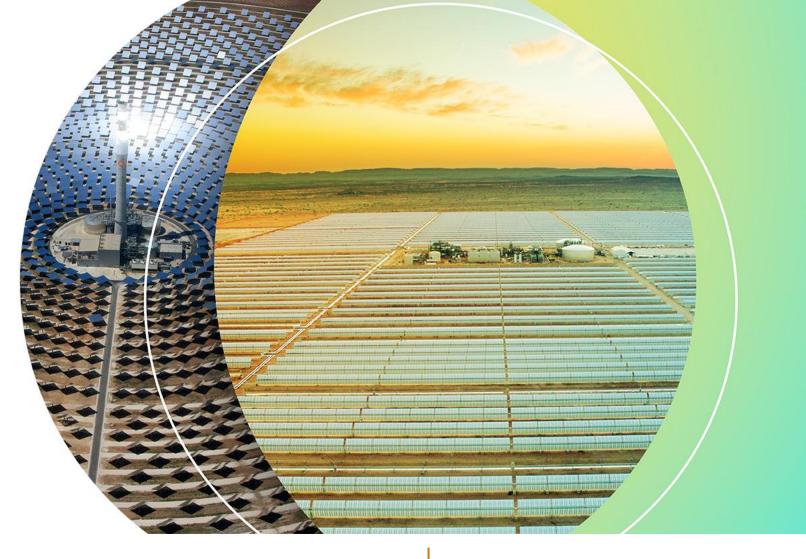


Implementation of the Initiative for Global Leadership in Solar Thermal Electricity



2ND GENERAL ASSEMBLY

23 April 2020 11:00 – 13:00 Online meeting



AGENDA



TIME	ITEMS	PRESENTER
11:00	Welcome	ESTELA
11:00	Key results from country visits Iberian perspective: Spain and Portugal Central European perspective: Germany, Belgium	ESTELA
11:45	R&I Landscape and Funding in Germany, Turkey and Spain	DLR, CIEMAT, METU, ENEA
12:15	Discussion with IWG, project officer, and stakeholders Main challenges and obstacles Expectations and supports Next steps	All
13:00	End of Meeting	



FOR DISCUSSION (1)



1. "Delayed" interest for CSP – no critical need for balancing energy > sunset

- Available interconnection capacity in well interconnected regions and much power available across the European network
- TSOs working on "smart system integration" (= gas + electricity) and other tools (e. g. VPP or virtual inertia through power electronics for balancing purposes).
 - → This allows us to point at the hidden costs of varRES that are not currently taken into account in current auction designs

2. Impact of high curtailments

- Unavoidable, "marginal" effect of grids with high amount of (var)RES, but not a deal breaker.
 - → But what about induced market distortions (artificial prices) and the impact on business cases for developers of varRES?

HORIZON STE

FOR DISCUSSION (2)



3. Sector facing a split front

- Interest for CST varies from country to country (available solar resources, own industrial capacities, national champions...)
 - → But all countries are eager to see how a combination of technologies would support their strategy towards decarbonisation (never talking about energy system or even less power system alone)
- **4. Storage should be promoted separately from generation** (independently of the charging source)
 - → Allows indeed a different/novel use/service to the power system (firmness, strategic reserve) at low cost especially when adding it to existing plants.

TOPICS FOR DISCUSSION (3)



The CST sector should articulate clear value propositions linked to the identified national approaches (with recurrent short term interest in H2 deployment and SHIP - Solar Heat for Industrial Processes)

- How can PV+CSP solutions be actively promoted for increasing the capacity factor of electrolysers?
- How should member states trigger such proposals by industry? Which would be the evaluation criteria in such auctions? Would regulatory "sandboxes" help?
- Wide "open field" for research about a EU wide integration of the ongoing "national smart system integrations", especially when the concept extends to the energy system instead of the mere power system. Will H-EU calls respond to this?



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