



SUSMEDHOUSE

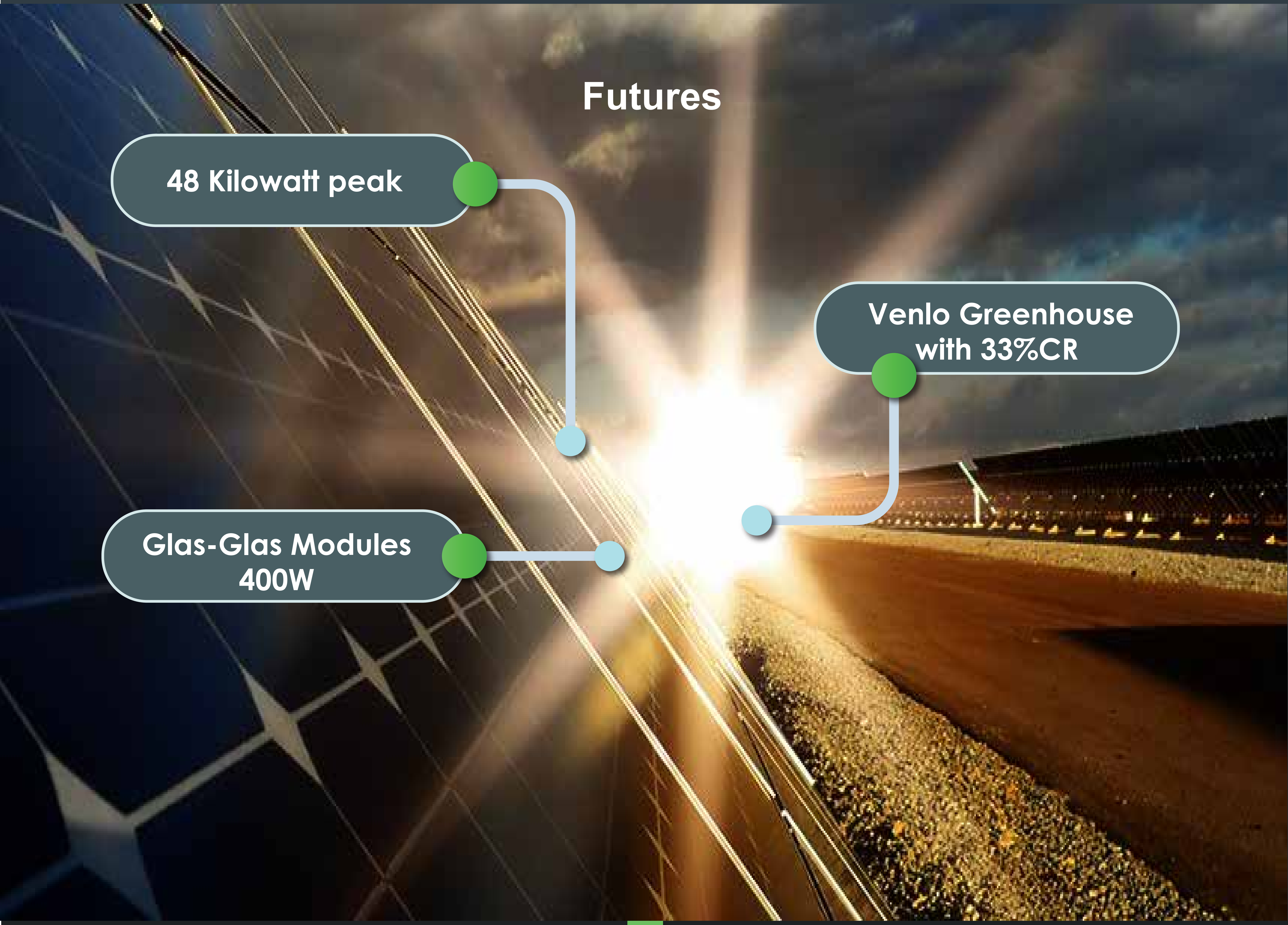
Sustainability and Competitiveness of Mediterranean Greenhouse and Intensive Horticulture.

Agro-PV

Sunlight optimization with Agro-PV



The last design of the PV greenhouse has been fixed after having detailed assessment and several meetings. At the end, 2-span, N-S oriented venlo greenhouse with 33%CR checkerboard layout will be realized in Ankara. Total installed PV capacity will be 48 kWp and bifacial glass-glass modules (400W) will be utilized. Fraunhofer ISE is working on the procurement of the PV modules and the coordination of the installation.



Futures

48 Kilowatt peak

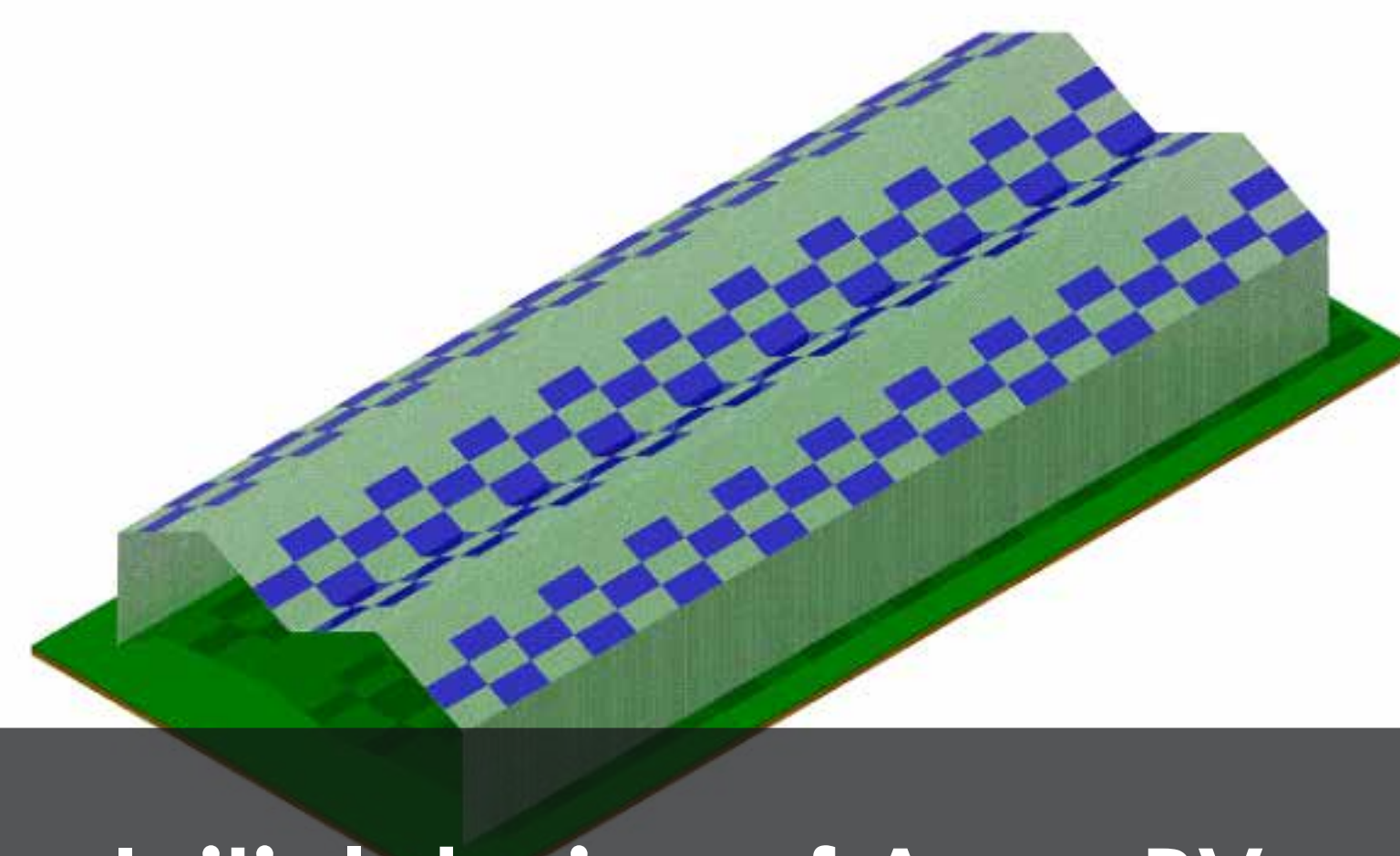
Venlo Greenhouse with 33%CR

Glas-Glas Modules 400W



Design Development and Installation of Agro-PV

The PV has been installed in the prototype Greenhouse of Susmedhouse Project



Initial design of Agro-PV
Fraunhofer



Installation of Agro-PV in greenhouse



Final Implementation of Agro-PV



Horizon 2020
European Union funding
for Research & Innovation

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