

STRAWBERRIES

Efficient combination of solar thermal energy and agricultural land use through bifacial insulating glass collectors

Background

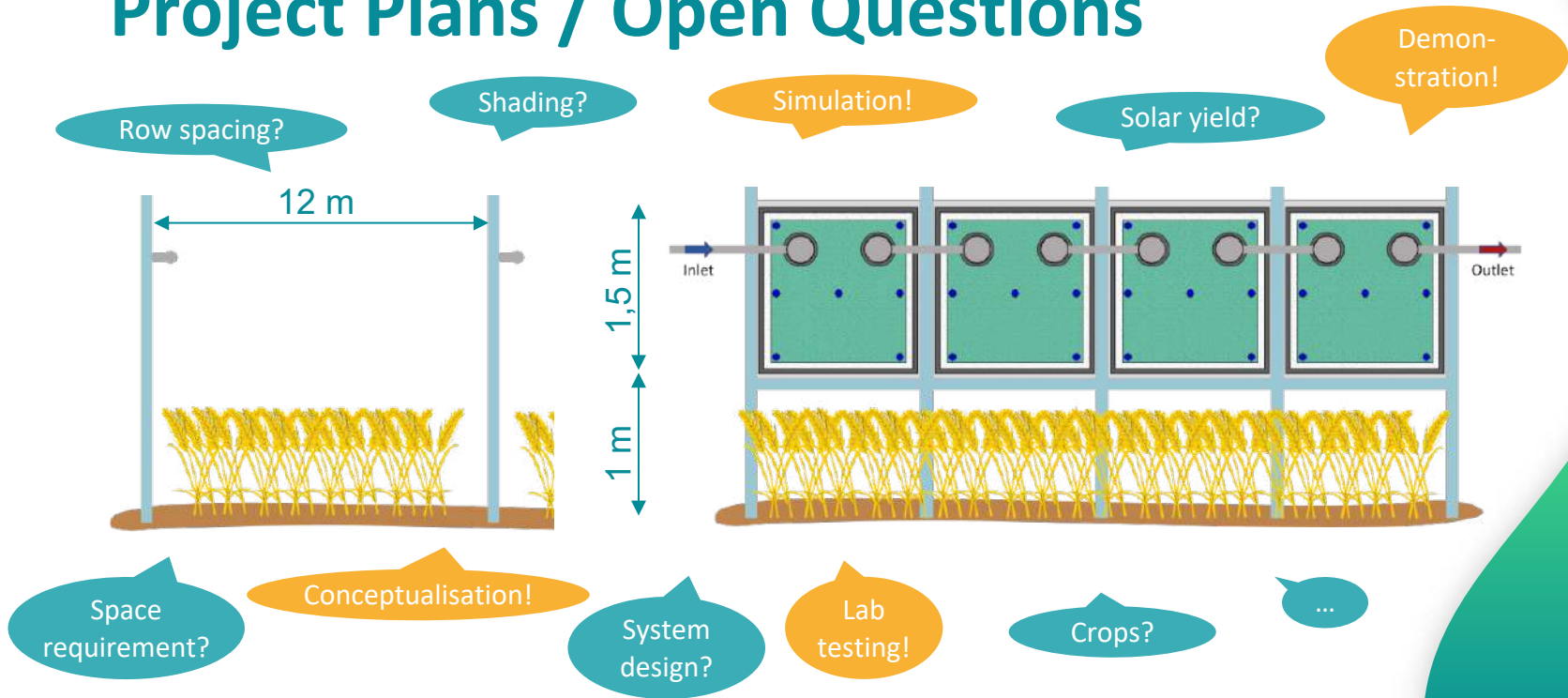


Limited land-availability is slowing down the expansion of large-scale solar heating systems

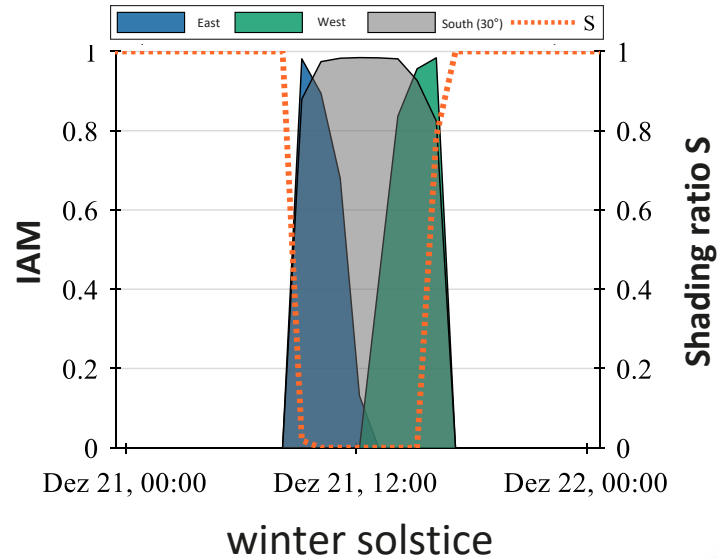
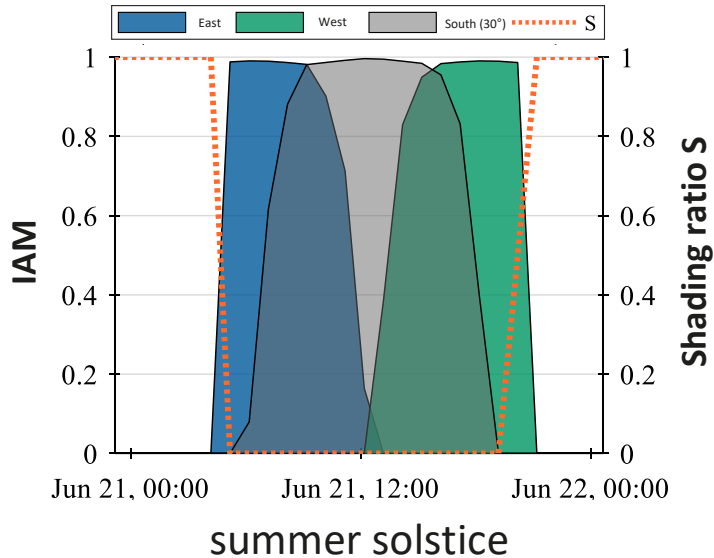
- Competition for space is an obstacle to solar energy
- Innovative, and competitive PV solutions
 - Vertical Agri-PV as cost-effective system design
- Solar thermal implementation does not yet exist
 - Bifacial flat-plate collectors required
- Insulating glass flat-plate collectors as the basis
 - Transparent rear cover allows bifacial operation



Project Plans / Open Questions



First Insights: Incidence Angle & Shading



Thank You

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Further information

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