

# CSP AND DESALINATION

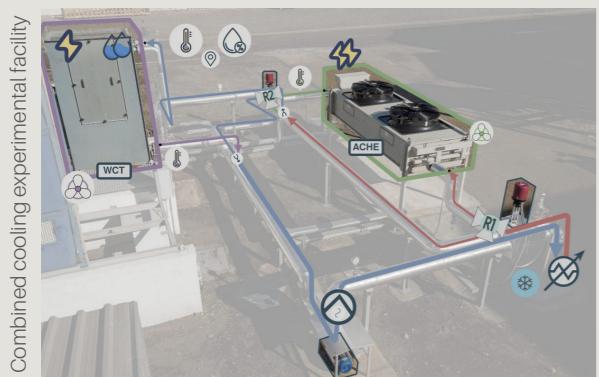
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**Objective:** Automation seeks to develop autonomous systems by integrating modelling, control, and optimization, enabling efficient resource use, adaptability to changing conditions, and reliable operation with minimal human intervention. This work optimizes the operation of two solar thermal systems by solving economic optimization problems that minimize operational costs and, by its integration to the analyzed processes, allows them to achieve near-optimal autonomous performance.



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Serrano J.M. TOWARDS OPTIMAL RESOURCE MANAGEMENT IN SOLAR THERMAL APPLICATIONS: CSP AND DESALINATION  
PhD Thesis

PhD Thesis, February 2026



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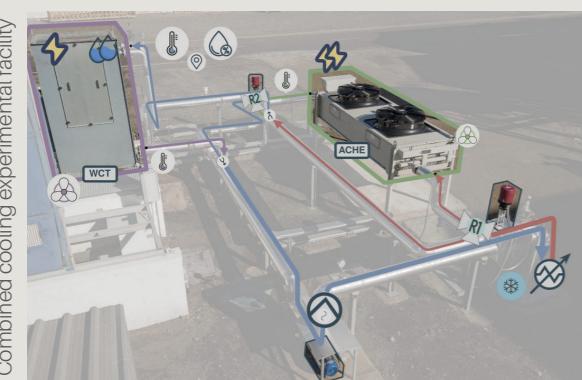
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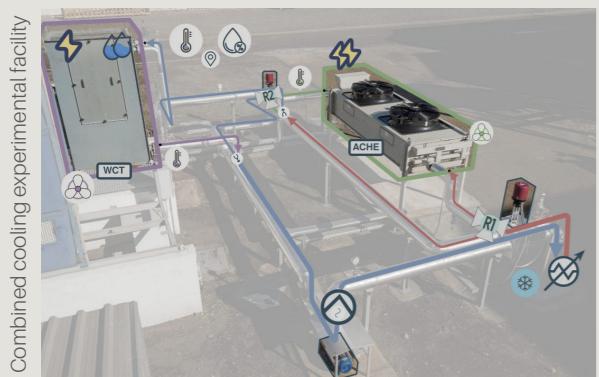
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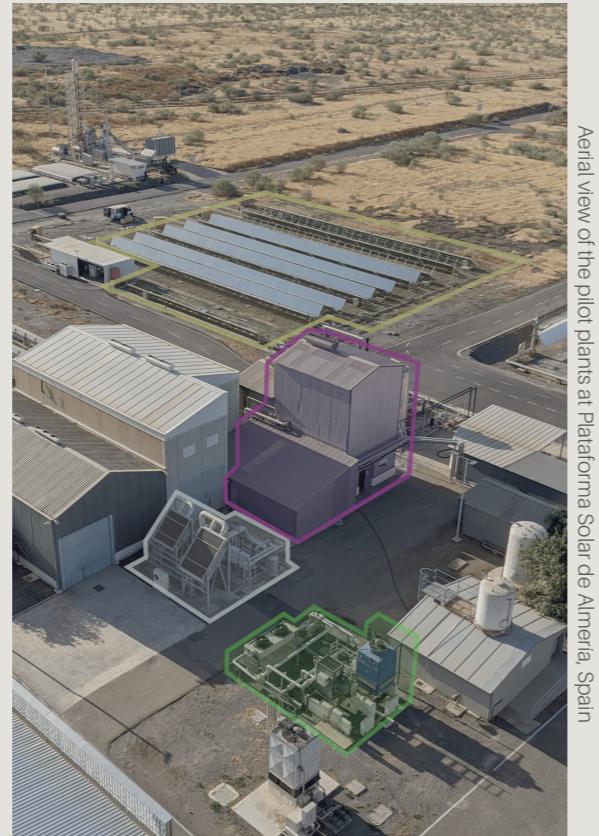
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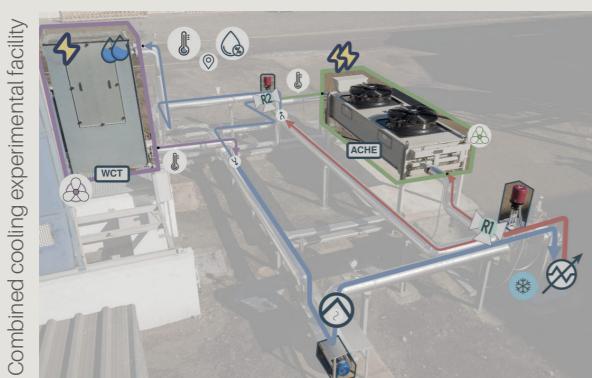
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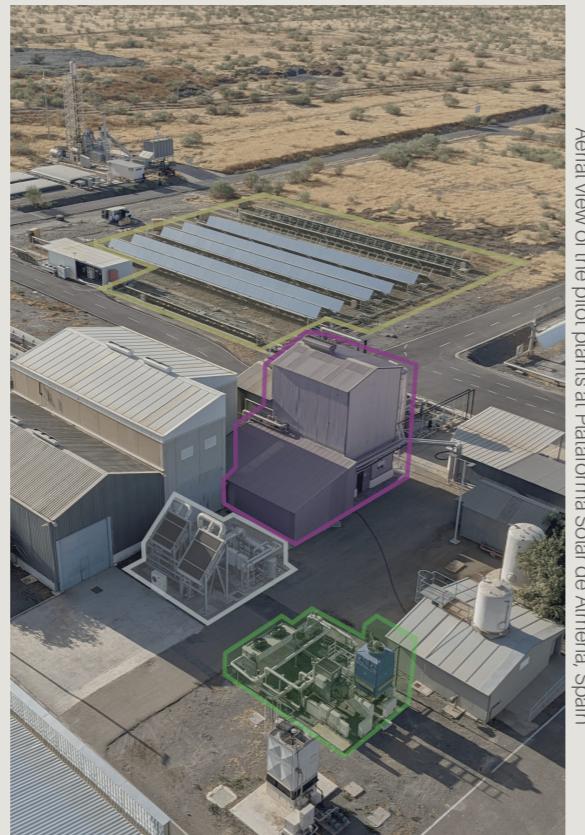
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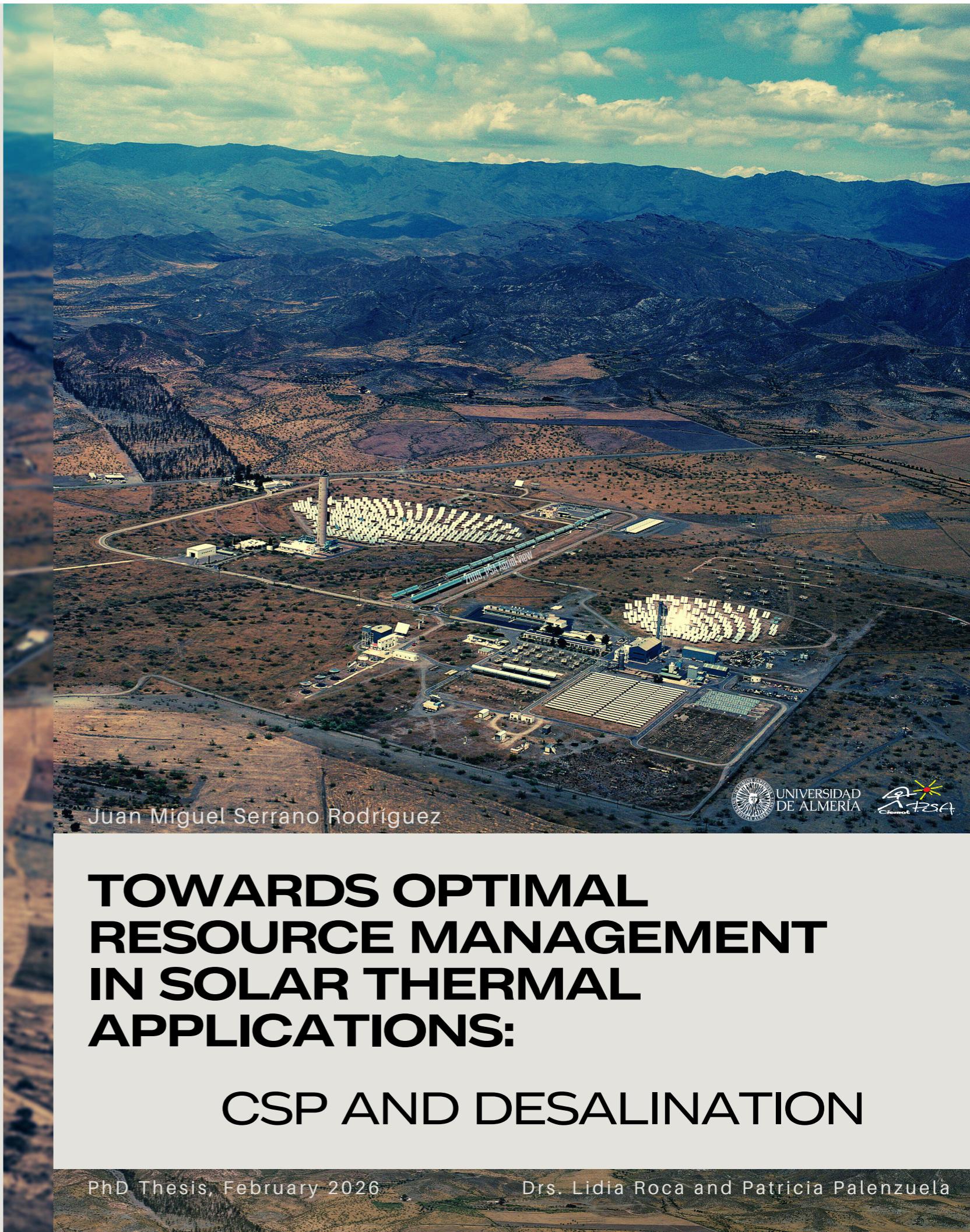
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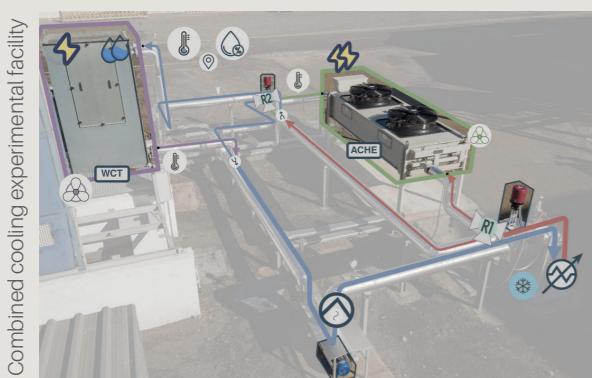
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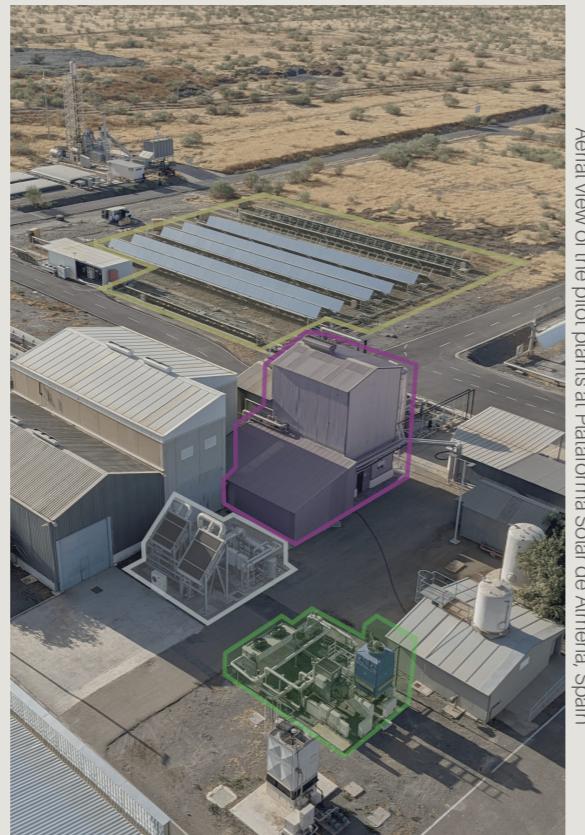
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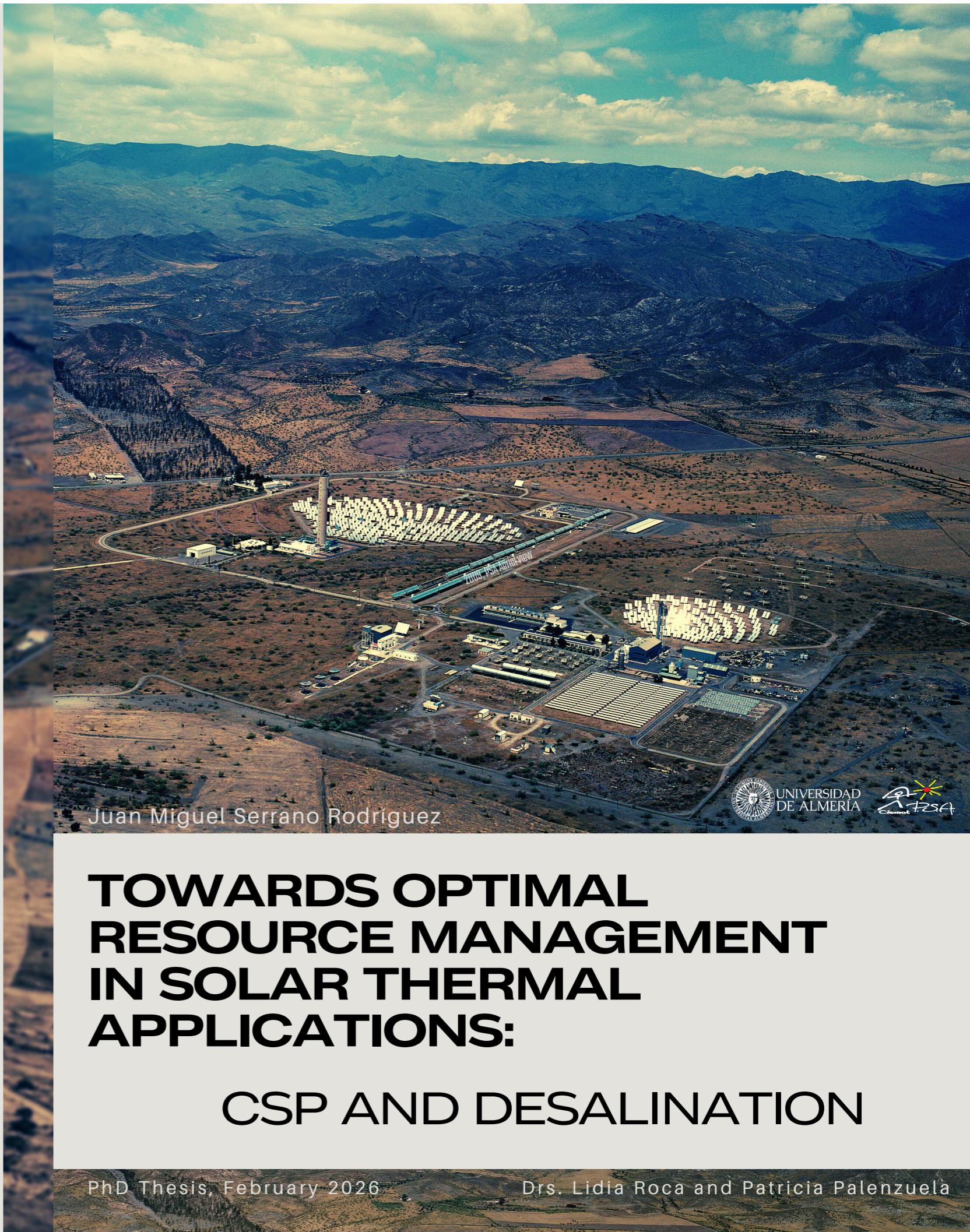
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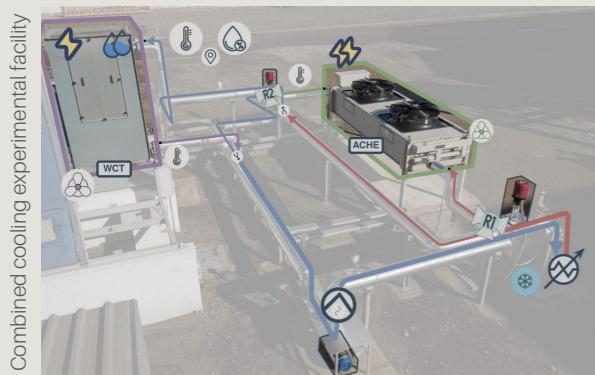
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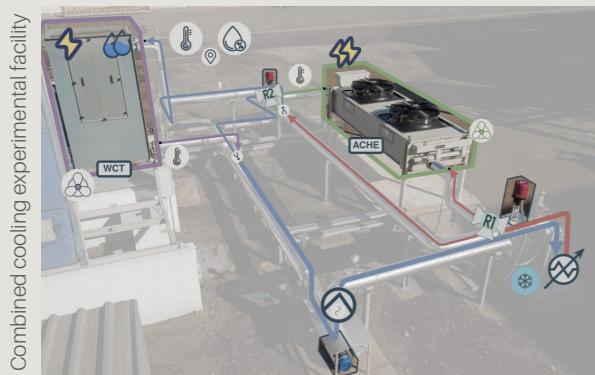
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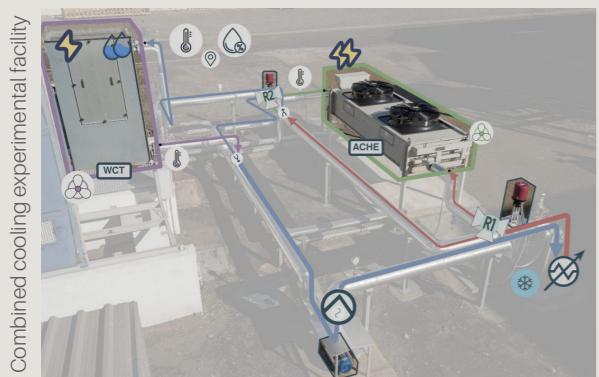
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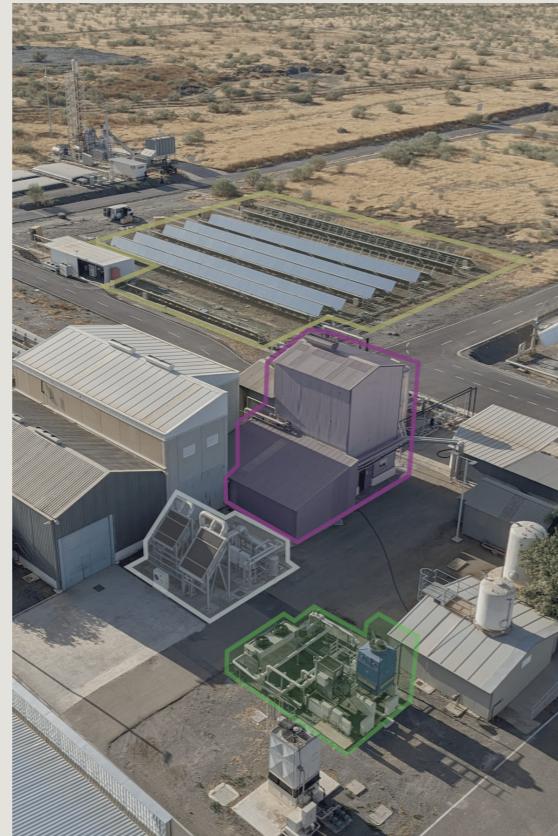
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