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ROADMAP

Why this master/course?

Which master thesis theme?

How to choose your supervisor?

What comes next to the master?

after looking in all corners....

I ending in Ciências ULisboa

2013 starts a new adventure in a course where environment and energy are merged

2017 a building challenge starts





Ars sine scientia nihil est

Jean Mignot, 14th C

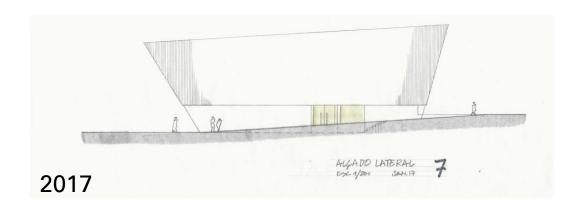
Less is more

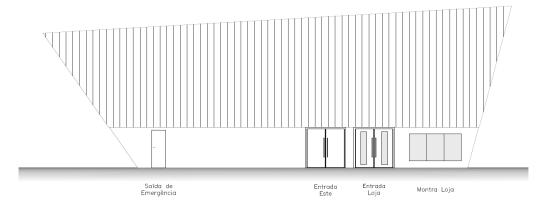
Mies van der Rohe, 20th C



MASTER THESIS THEME







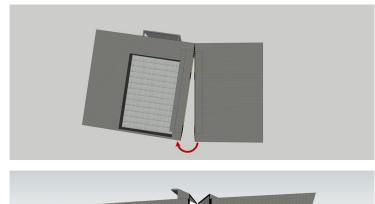


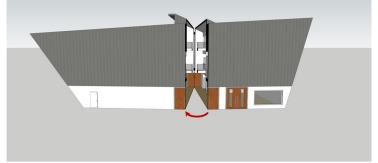


2018

+

architecture







+

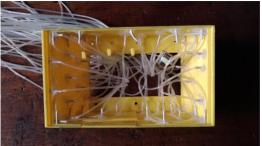
design a building... aerodynamics

ENSAIO NÃO URBANIZADO



MAQUETE E EQUIPAMENTOS





ENSAIO URBANIZADO

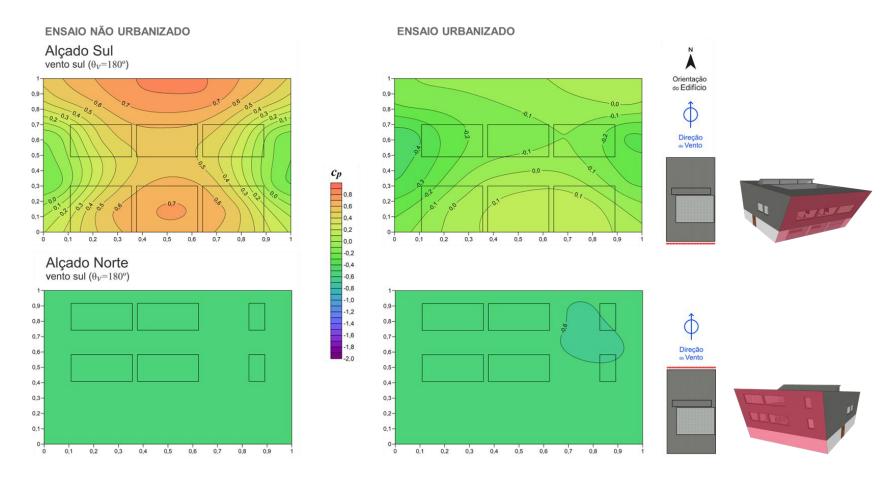




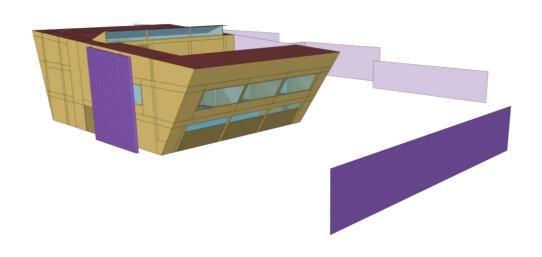


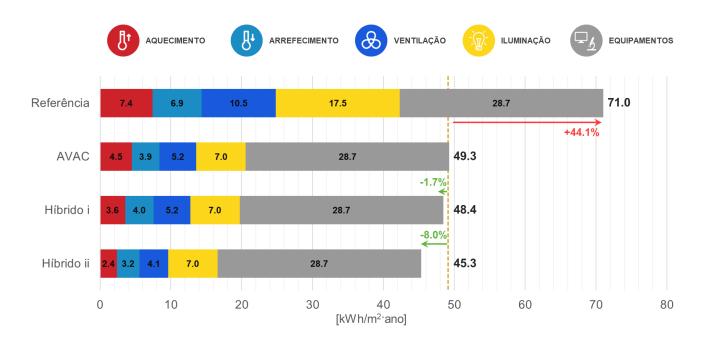
+

design a building... aerodynamics

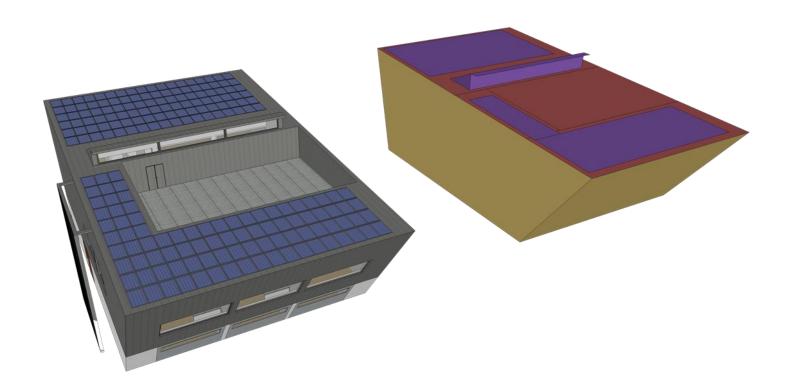


design a building... energy performance





integration of renewable power



+

a new energy classification system





DESEMPENHO GLOBAL

+

CHOOSING YOUR SUPERVISOR



a team to design a building...





Μe



Marta Oliveira Panão PhD, Assistant Professor





Fernando Marques da Silva PhD, Aux. Research Officer





José Cid Architecture

internal supervisors

external supervisors

21/09/2023 15









Resumé

Before the master

2013 to 2015 EF Ambassador in Portugal

2013 to 2019 PV System Technician (sporadic)

After the master

2019 Energy Consultant

Starts the PhD in ULisboa

2021 Stops the PhD in ULisboa

Energy Engineering Consultant

Moves to Spain and starts a new PhD at the University of Seville

2022 Assistant Researcher and Lecturer at the University of Seville

AFTER THE MASTER

lasted works



Rafael Monge Palma et al., **Extending the concept of high-performance buildings to existing dwellings**, Energy and Buildings, 2023, https://doi.org/10.1016/j.enbuild.2023.113431



Rafael Monge Palma et al., Extending the Thermal Comfort Band in Residential Buildings: A Strategy towards a Less Energy-Intensive Society, Applied Sciences, 2023, https://doi.org/10.3390/app13127020



Rafael Monge Palma et al., **Addressing the control challenge of energy systems in built environment areas**, Science Talks, 2023, https://doi.org/10.1016/ j.sctalk.2023.100247

research projects



2020-2021



2020-2021



2022-



2022-



THANK YOU

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