



TECHNIK
FH MAINZ
UNIVERSITY OF
APPLIED SCIENCES



UNIVERSITAT
POLITÈCNICA
DE VALÈNCIA

ROOF AND CLIMATE IN EUROPE

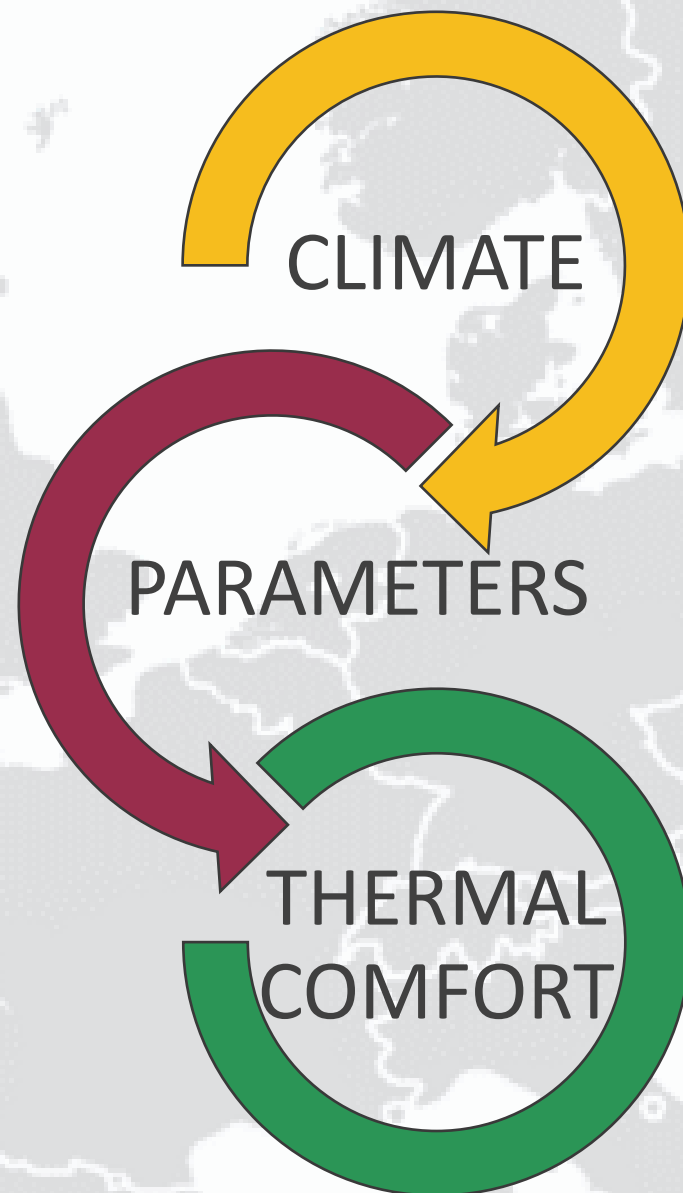
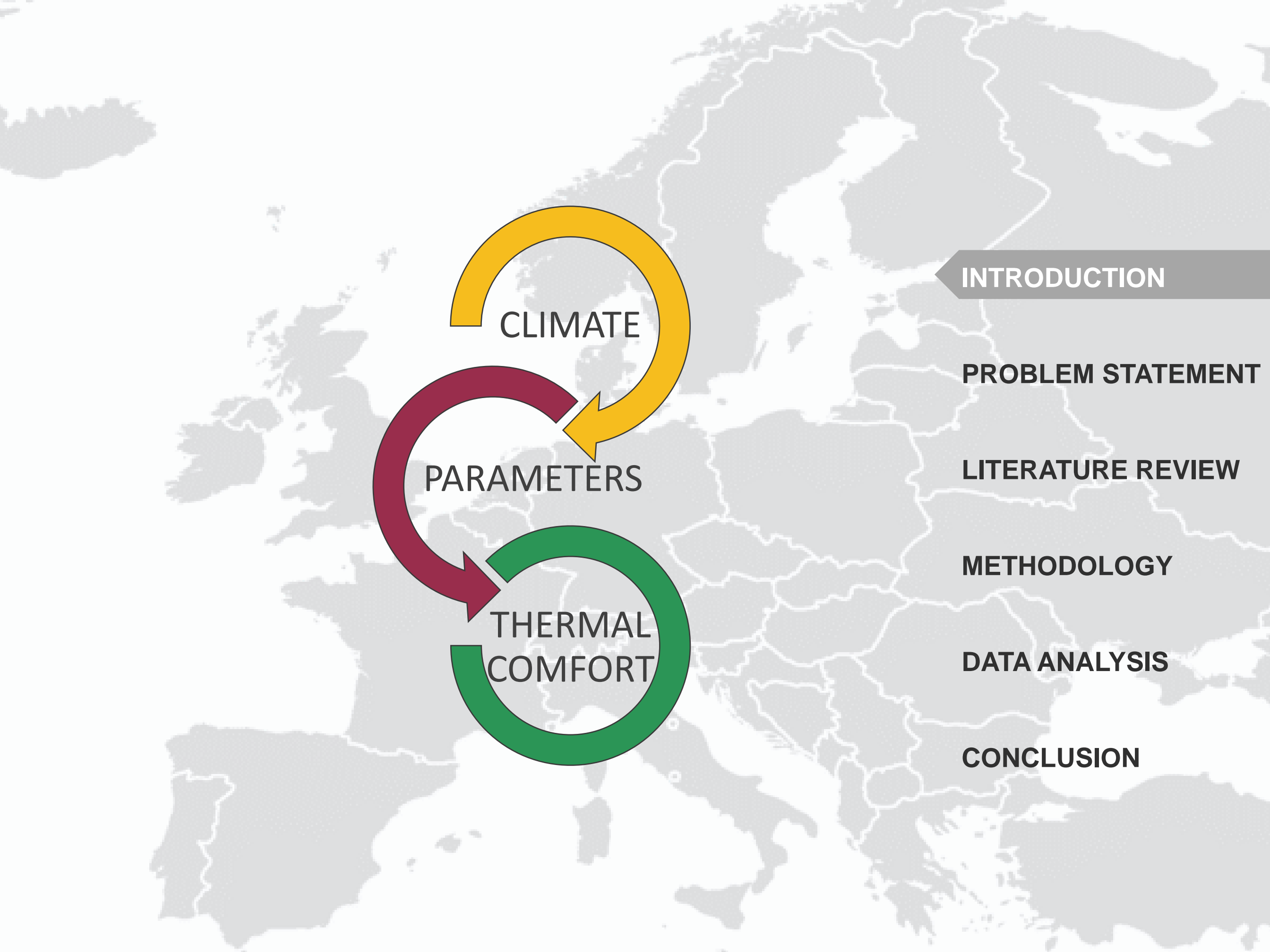
ARGUING A PROPOSITION

Pilar Huerta Navarro

Professor Dr. Andrew Petersen

How can temperature kept
or of how





INTRODUCTION

PROBLEM STATEMENT

LITERATURE REVIEW

METHODOLOGY

DATA ANALYSIS

CONCLUSION

WICH VARIABLES ACTING ON THE ROOF?



INTRODUCTION

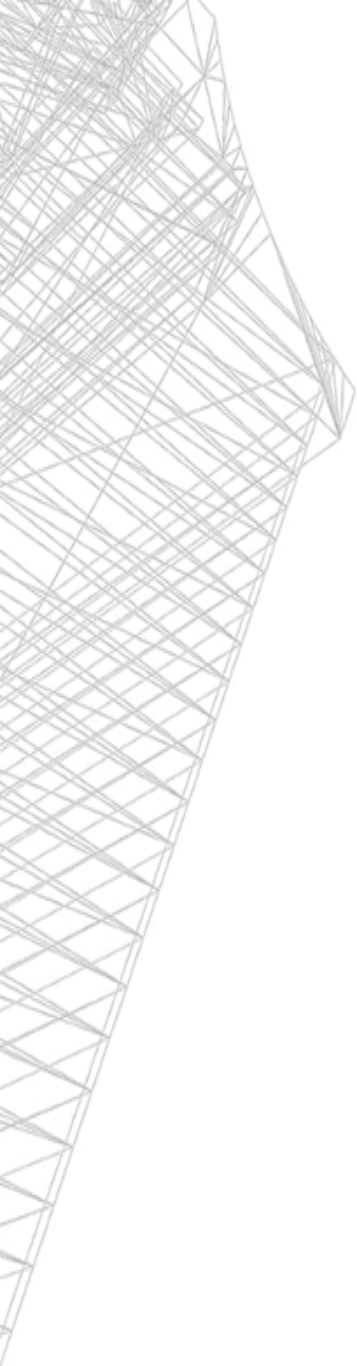
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SUMMARY TABLE



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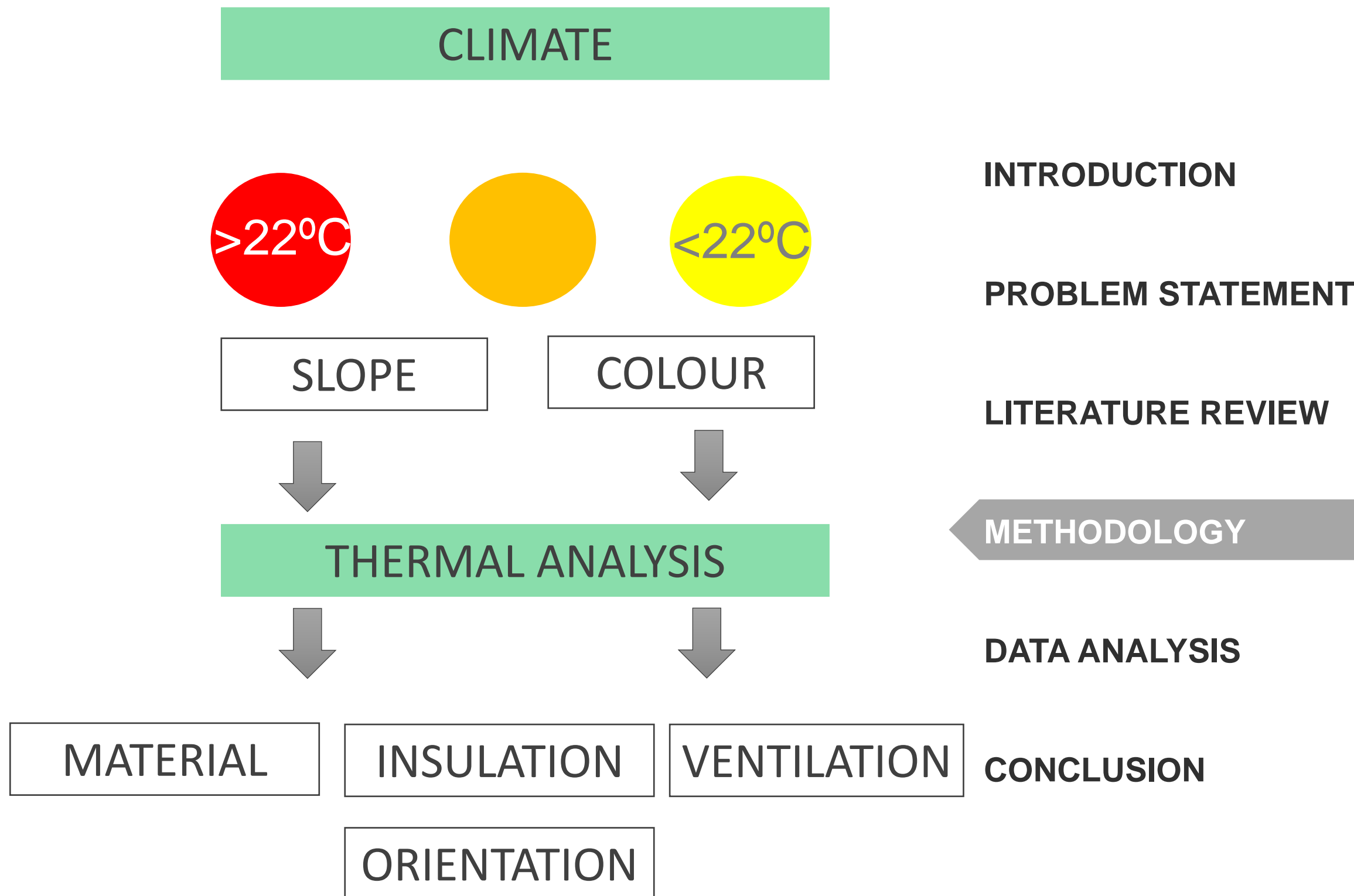
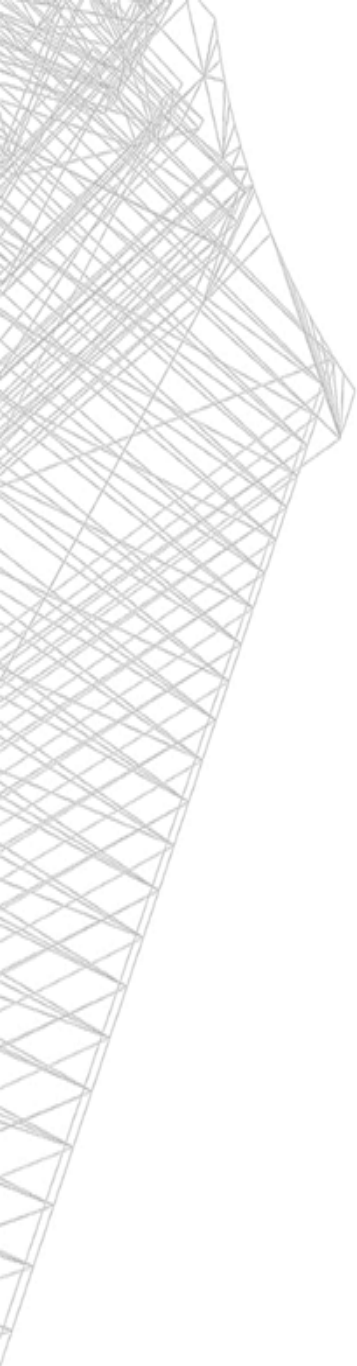
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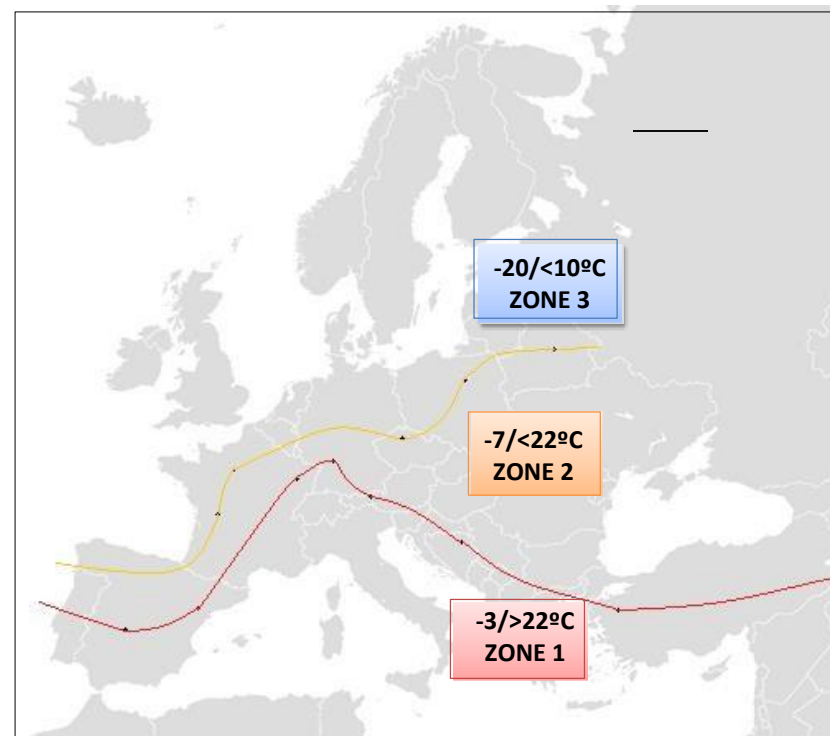
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THERMAL CONDITION

LOCAL MATERIALS



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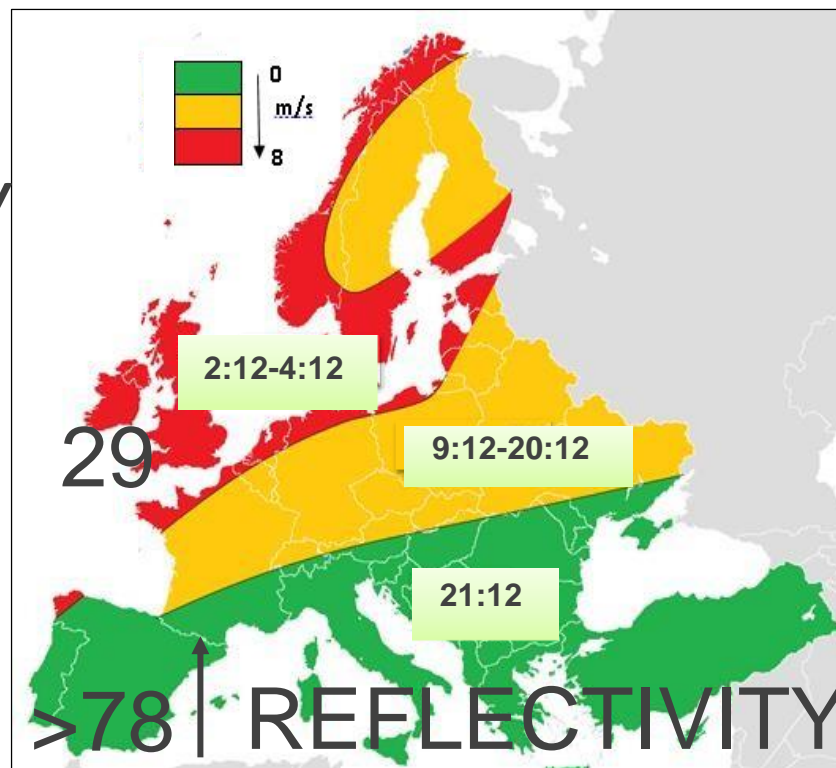
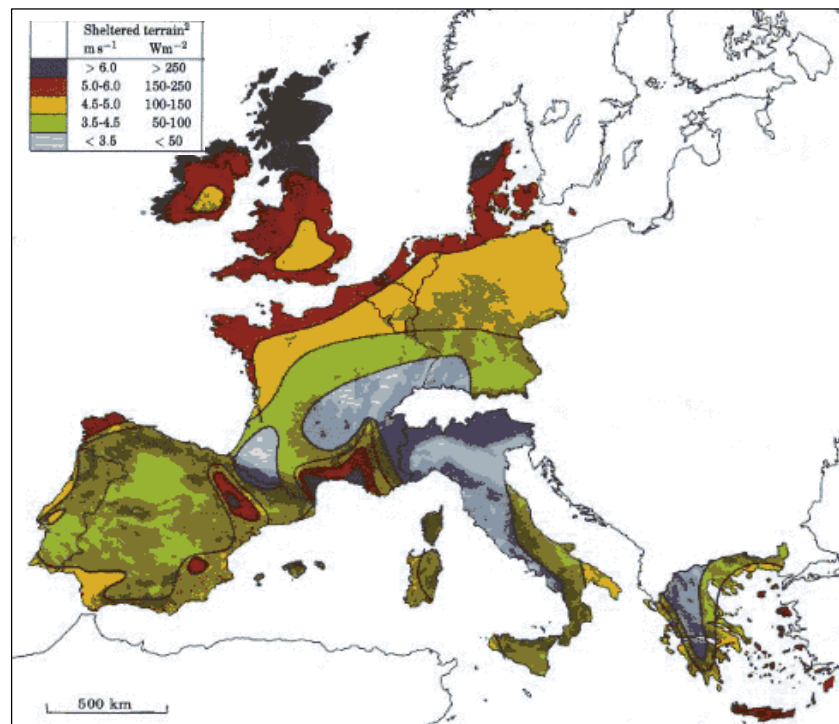
CONCLUSION

MINIMUM BASIC WINDS

INSTALLATION REQUIREMENT

LOW SLOPE-HIGH REFLECTIVITY

m/s	SLOPE	
3,5-4,5	30%	Low
4,5-5,0	30-50%	Higher
5,0-6,0	50-70%	
>6,0	80%	Steepest



INTRODUCTION

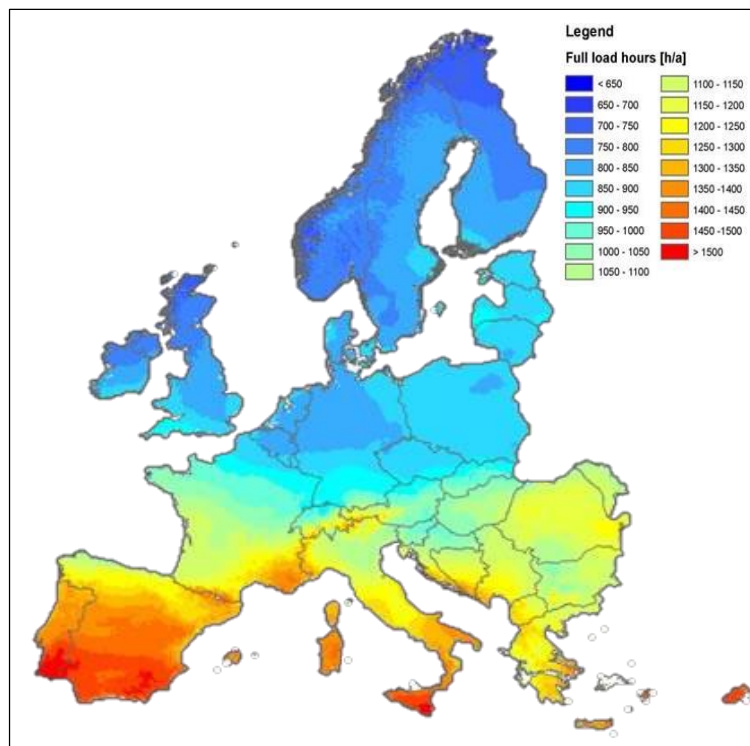
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MATERIAL ABSORBENCY

SUNLIGHT INTENSITY

7°C

