

The role of energy sufficiency in the energy transition and in society

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TEAM – Interdisciplinary collaboration

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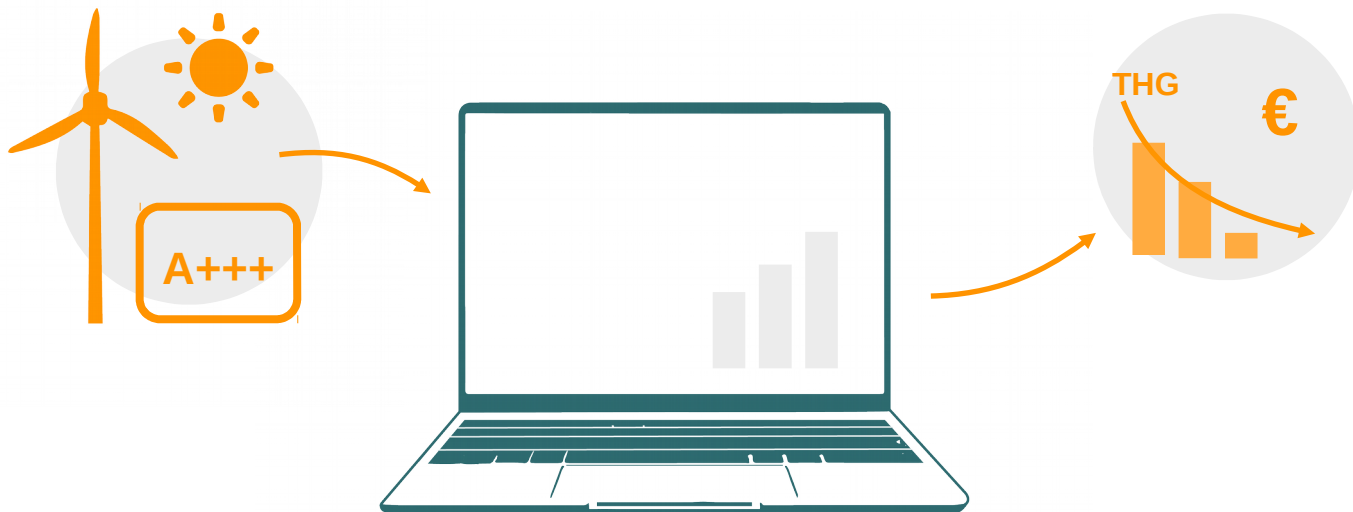
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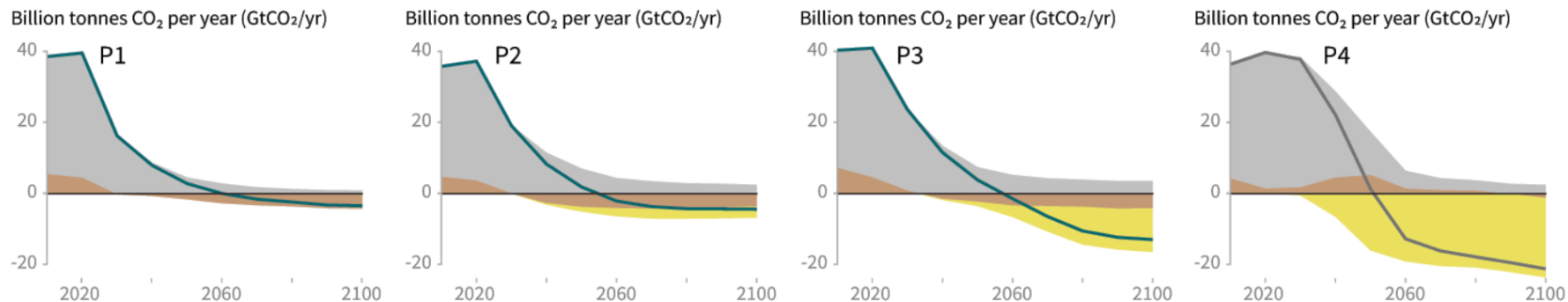
OBJECTIVES OF THE JUNIOR RESEARCH GROUP



IPCC 2018: Sufficiency is required

Breakdown of contributions to global net CO₂ emissions in four illustrative model pathways

● Fossil fuel and industry ● AFOLU ● BECCS

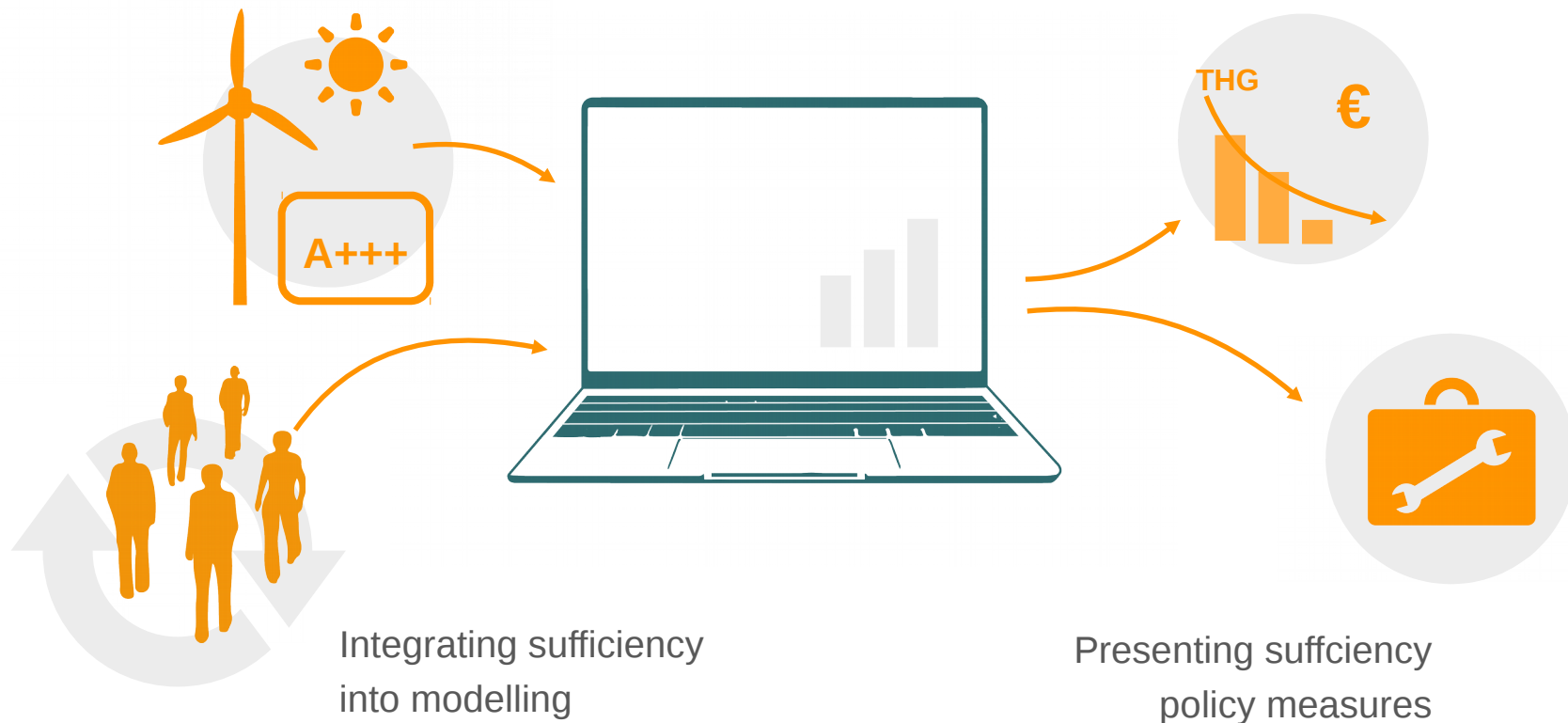


Social innovations
Reduction of demand

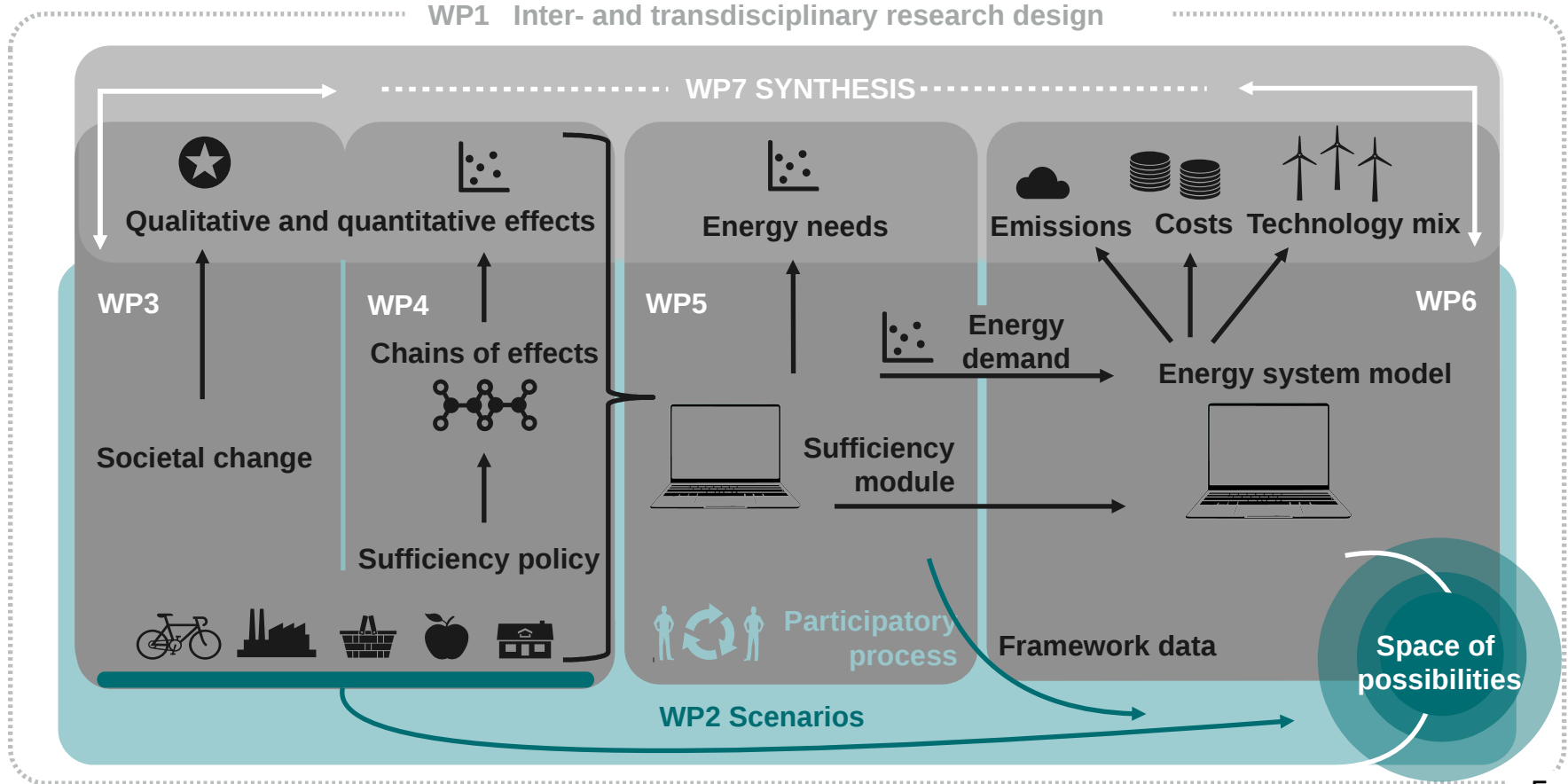


Technical measures
Negative emissions

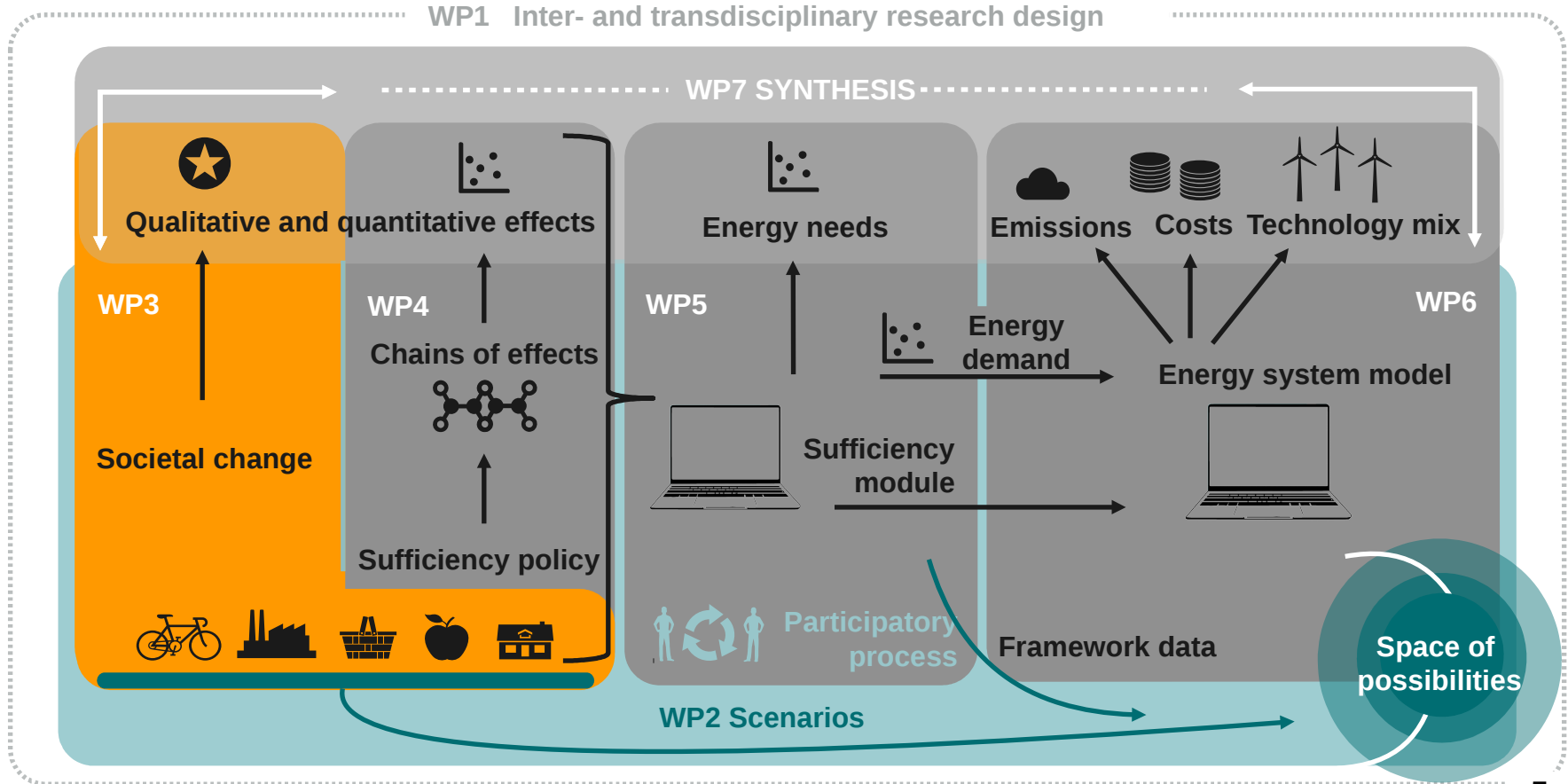
OBJECTIVES OF THE JUNIOR RESEARCH GROUP



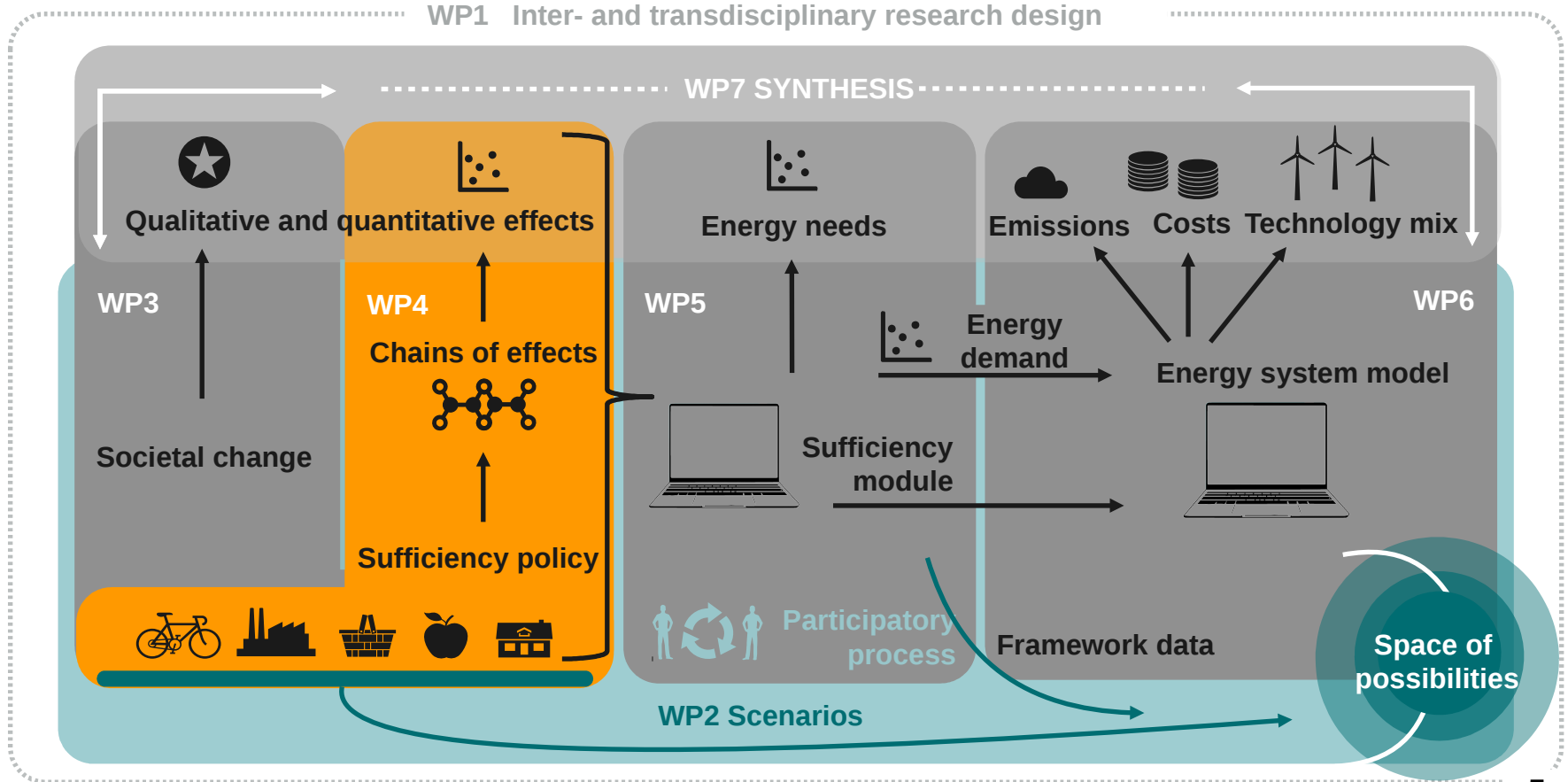
RESEARCH PROGRAM - Overview



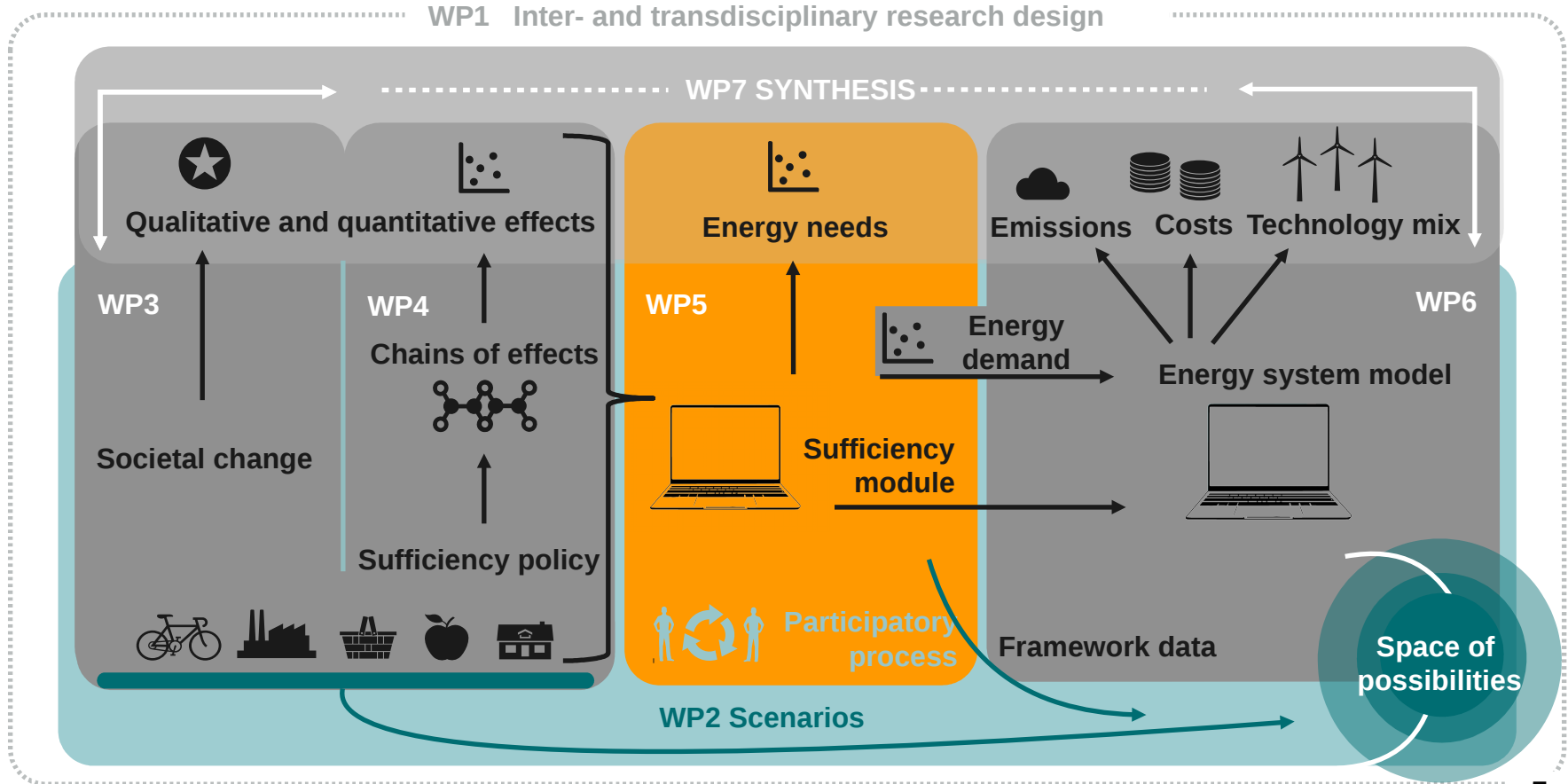
RESEARCH PROGRAM - Overview



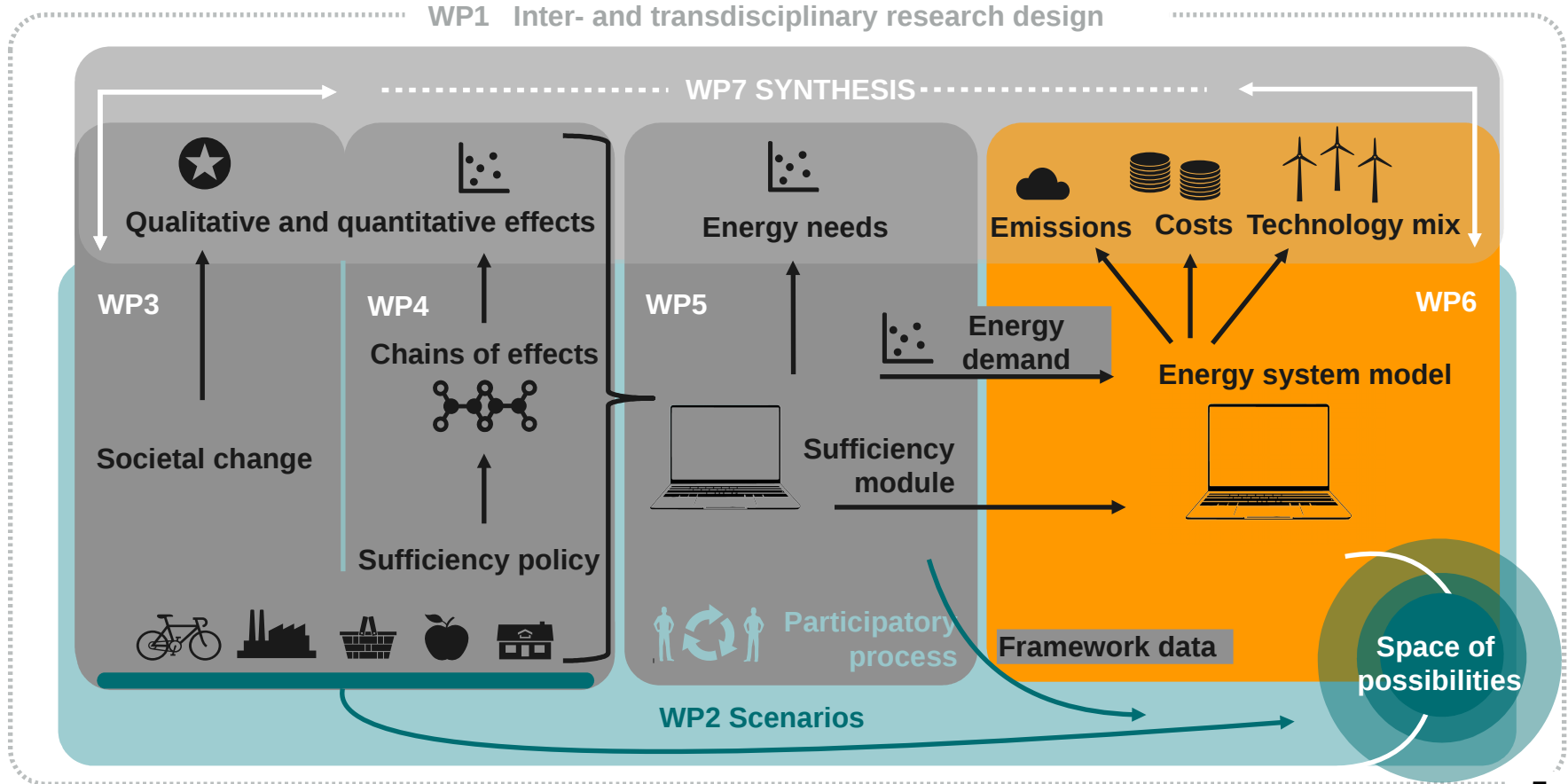
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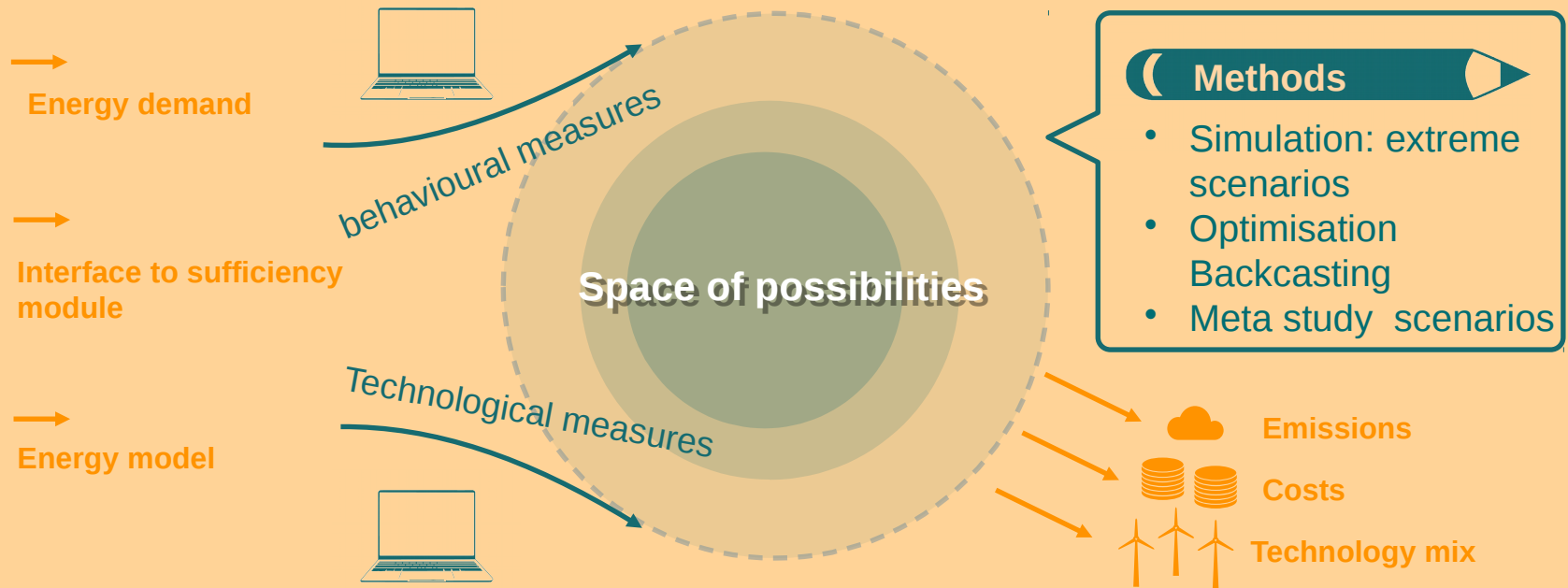


RESEARCH PROGRAM - Overview

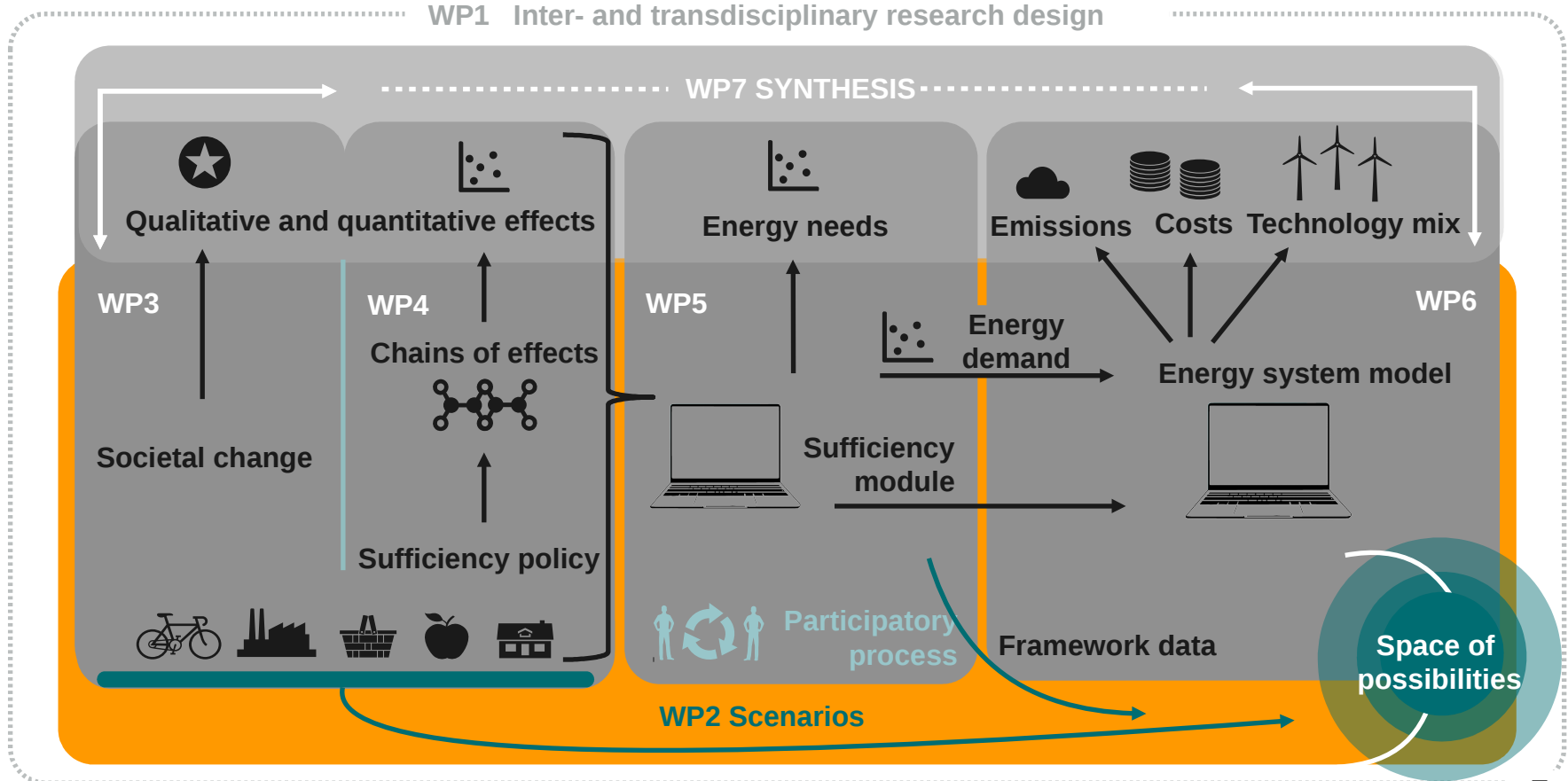


RESEARCH PROGRAM

Sufficiency in the energy system model



RESEARCH PROGRAM - Overview

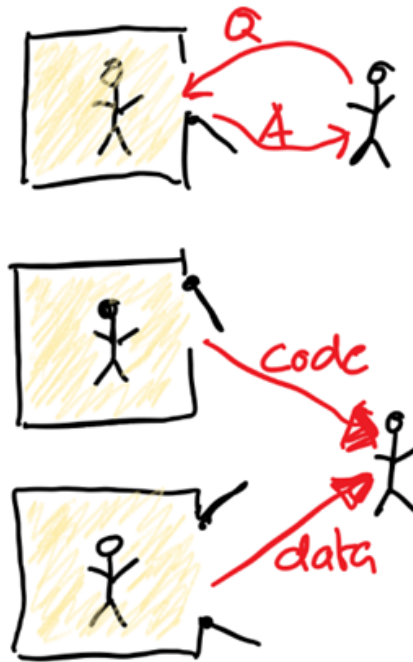


ENERGY SYSTEM MODELLING 3.0

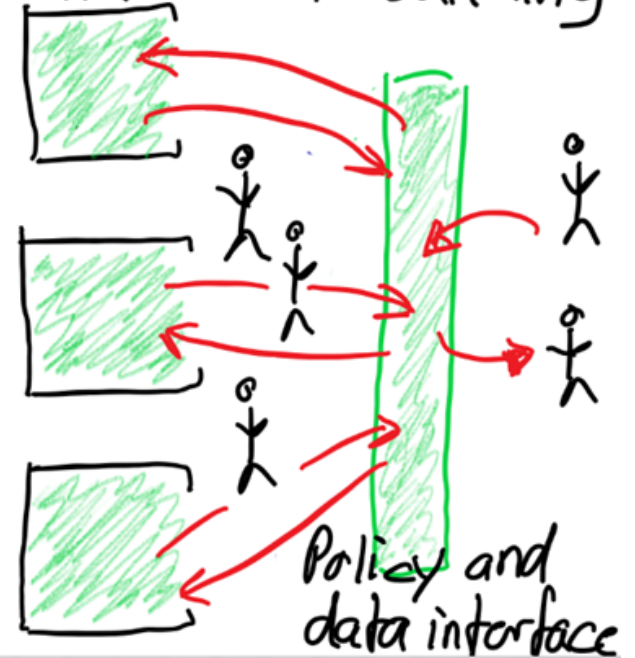
VER 1.0
Black box models



VER 2.0
Open models



VER 3.0
Shared development
and scenario building



TRANSDISCIPLINARY COLLABORATION



Interested in our research?

Suggestions which Energy System Model to use?

Experience in sufficiency modelling?

Quantitative data about sufficiency measures and their impact?

We would be happy to hear from you!

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