TBB. The Business Booster
BY KIC INNOENERGY

ecotropy

Sense, analyse and optimize buildings energy performance

Alex NASSIOPOULOS

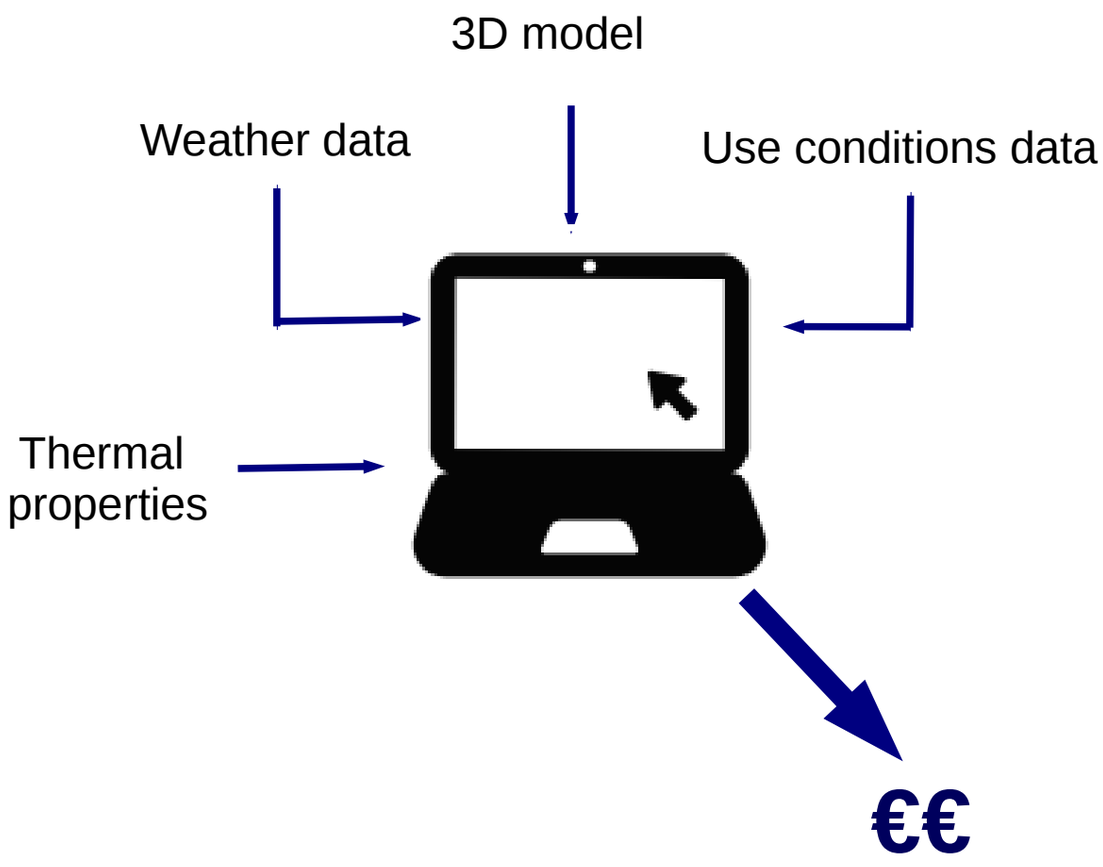
October 21st, TBB, Berlin

Energy-efficiency retrofitting of buildings in EU: ~**60 billion €** per year

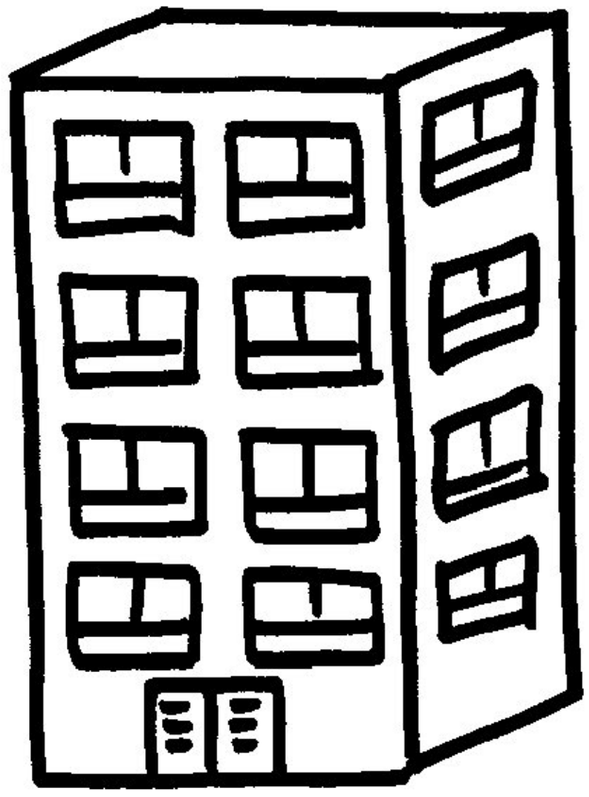
Over 4 trillion euros up to 2050

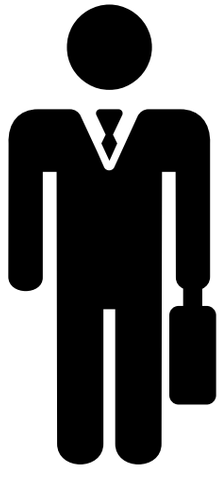
40 % mean gap between promised and achieved savings

NUMERICAL SIMULATION



REAL BUILDING





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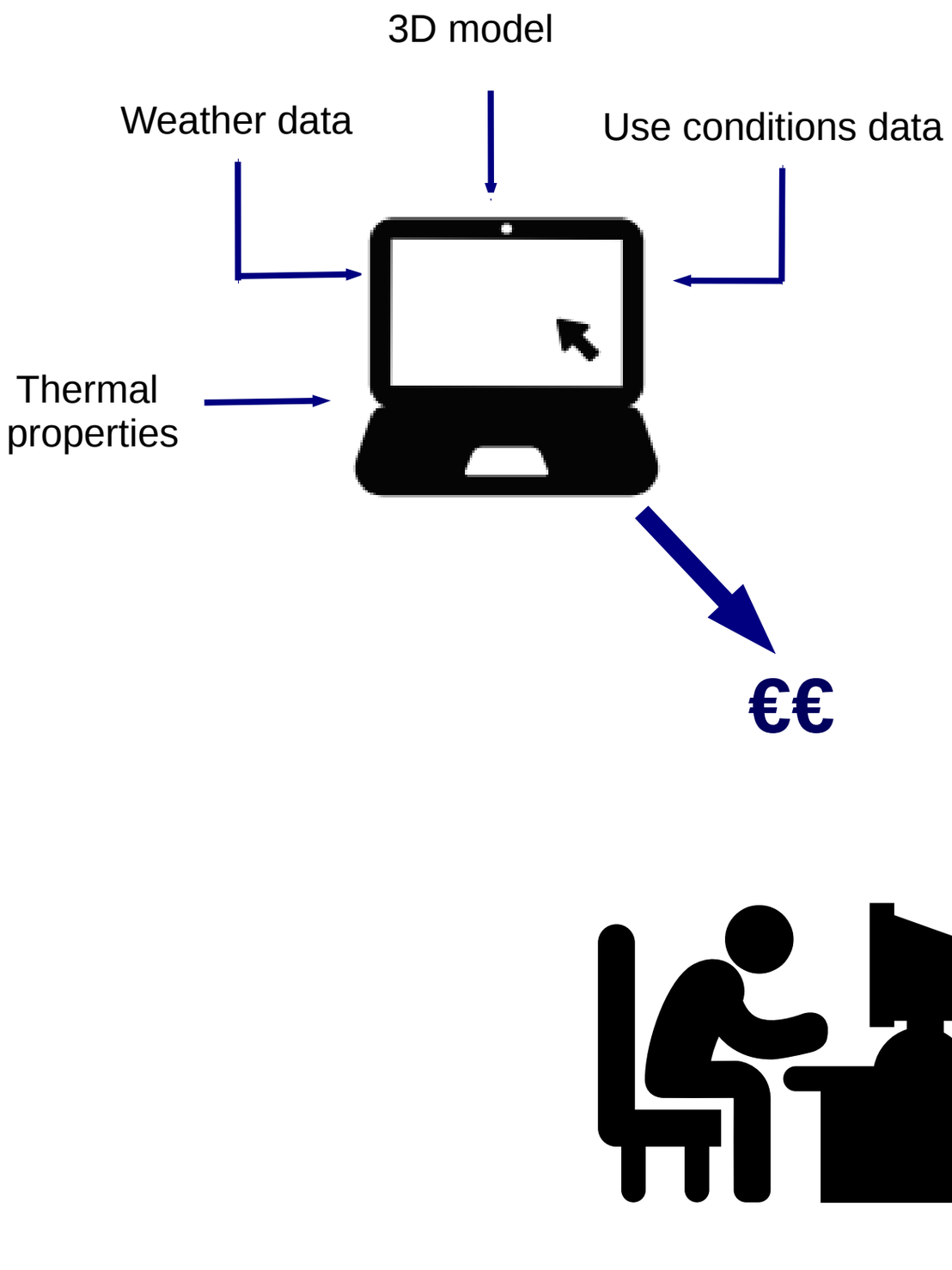

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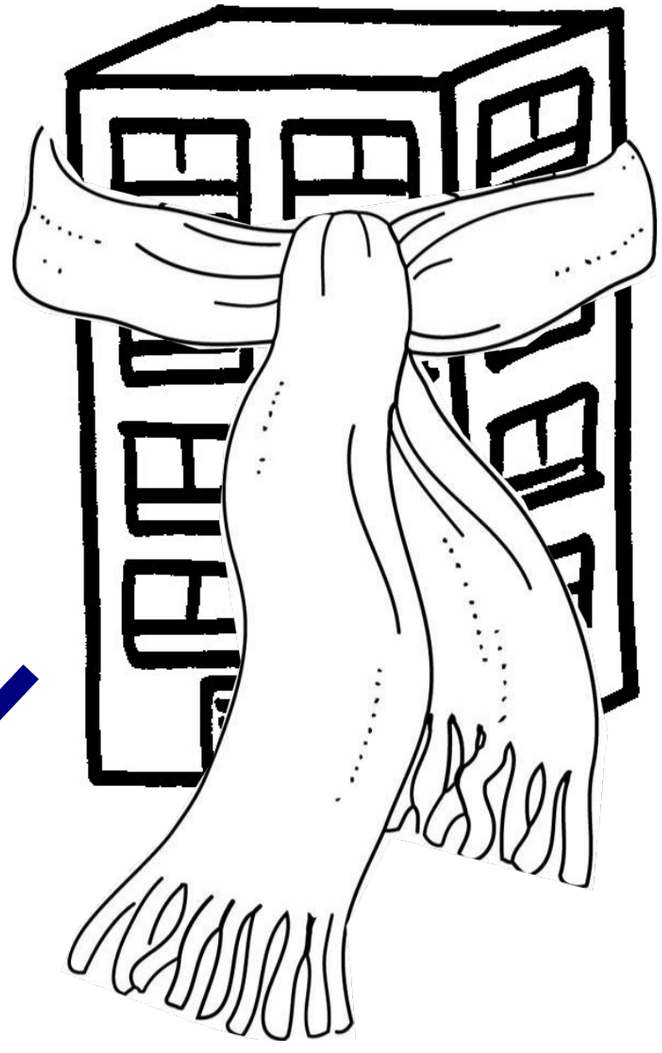

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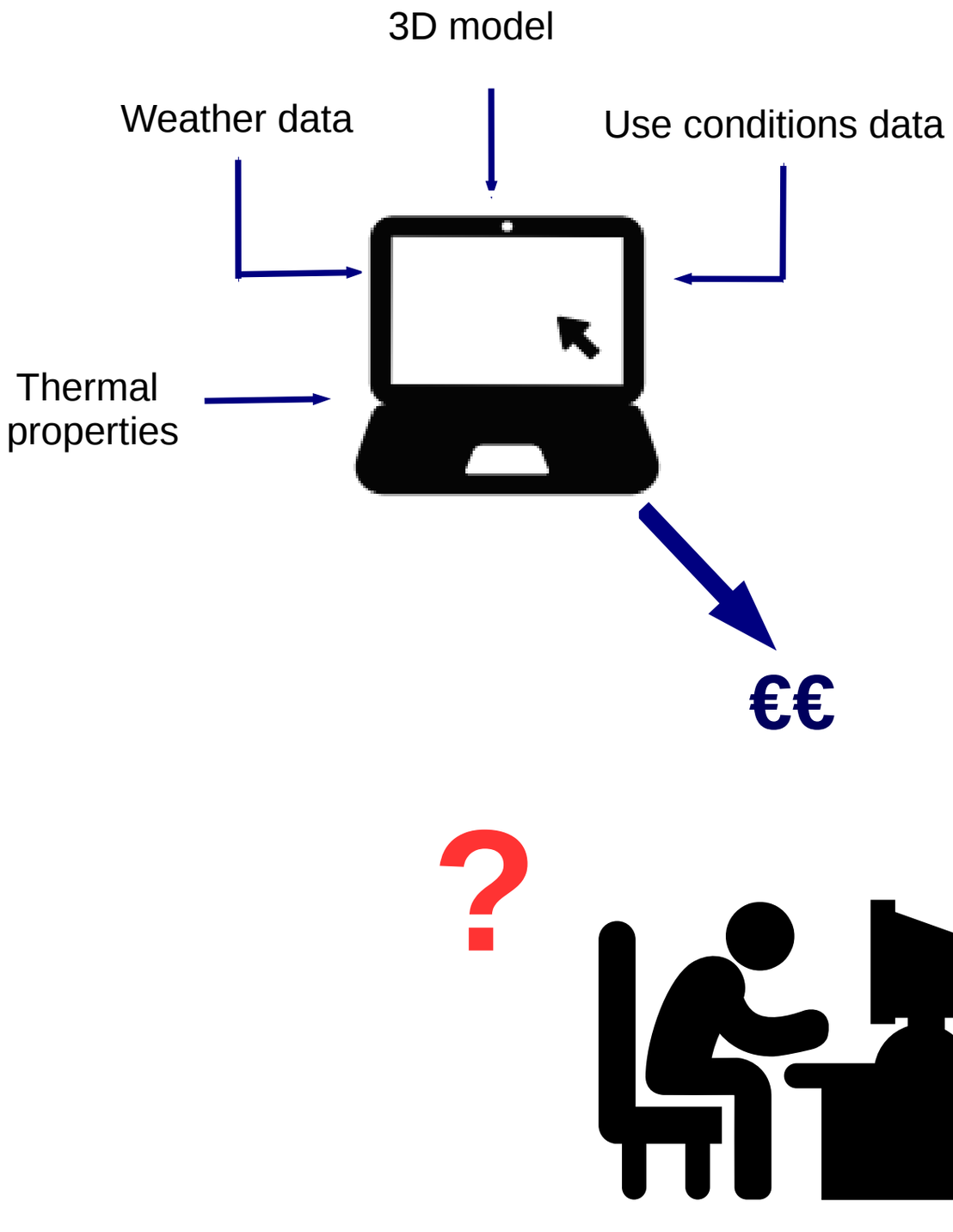

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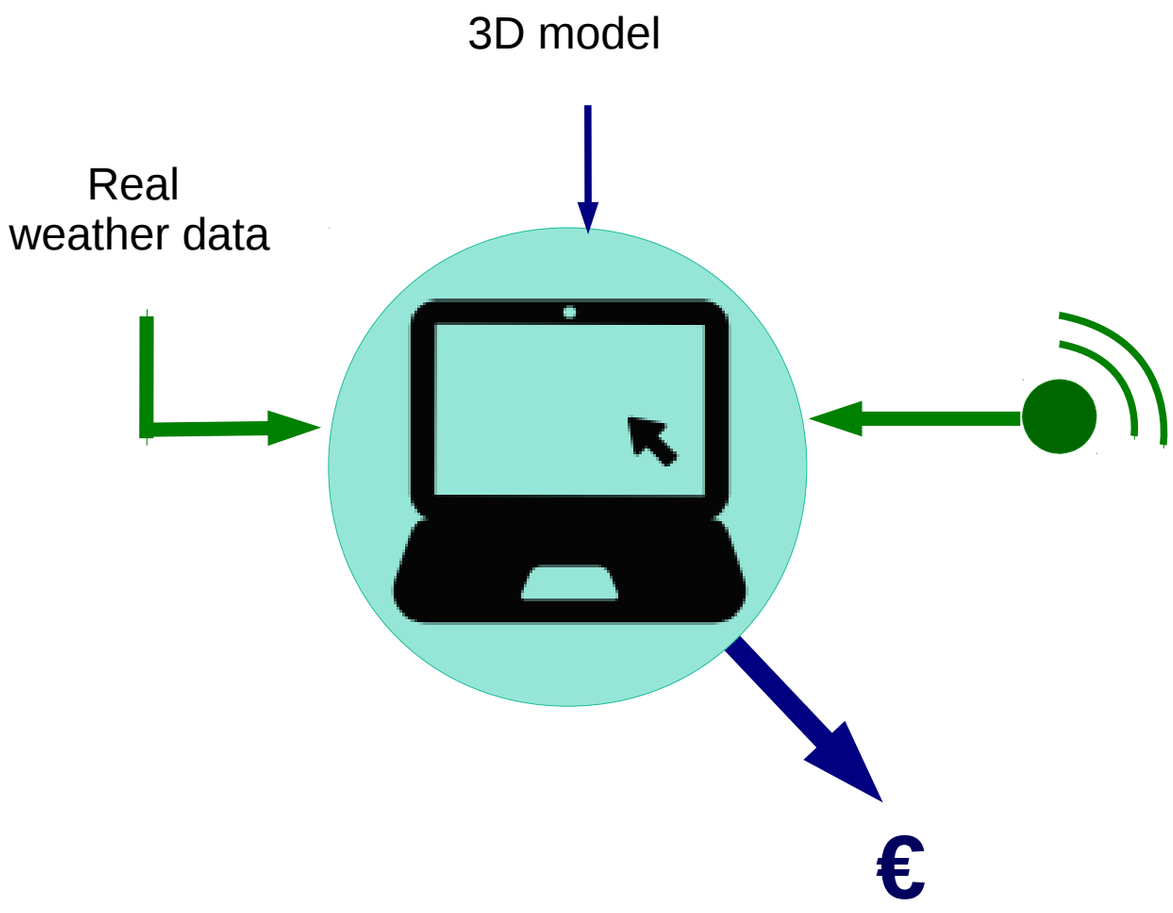

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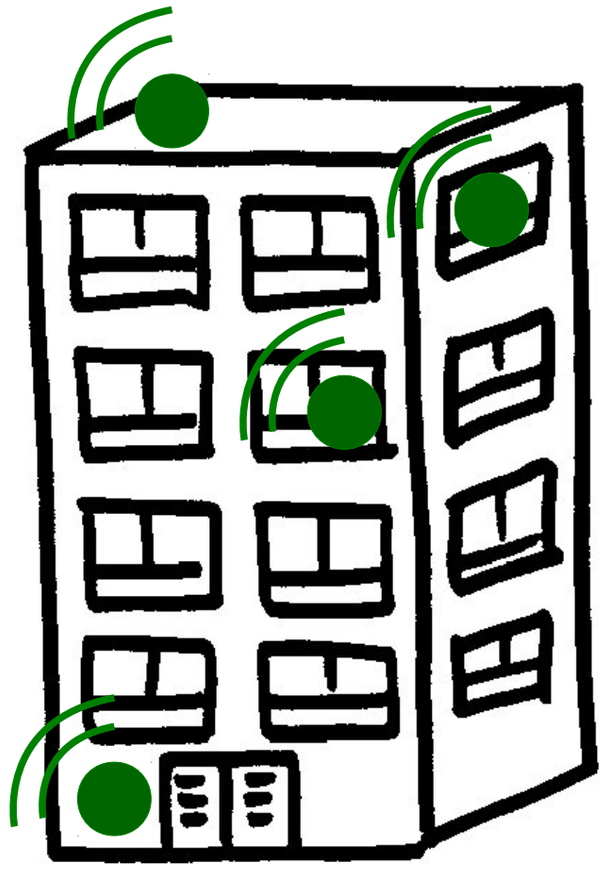

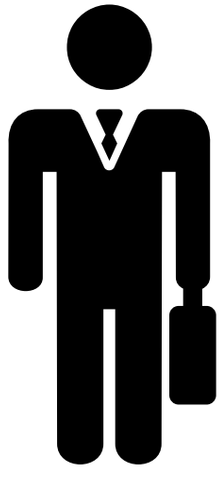

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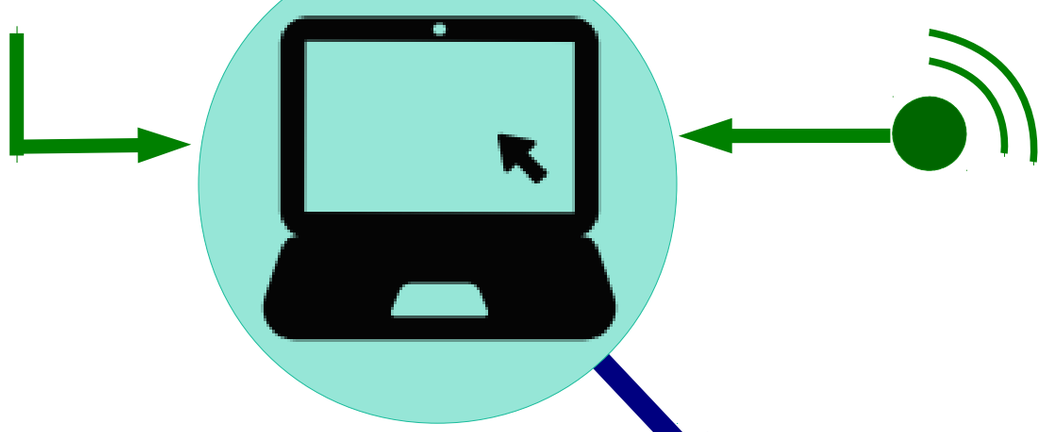
3D model

Real
weather data



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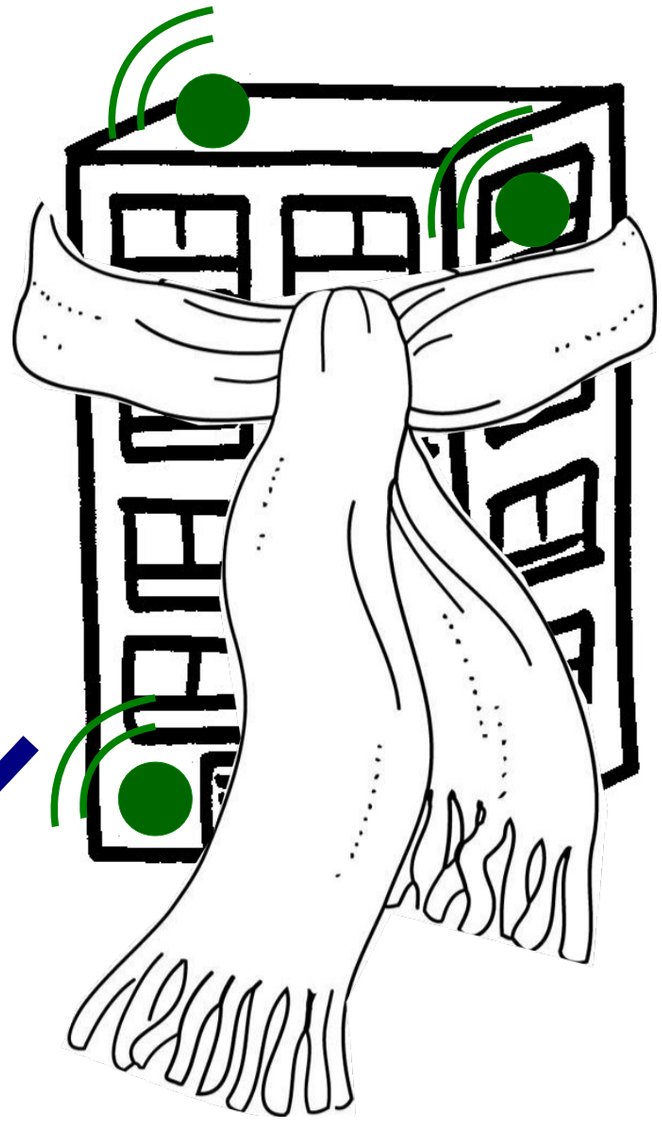
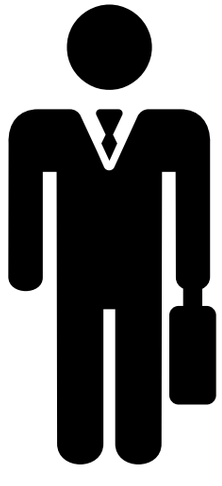


€ = €



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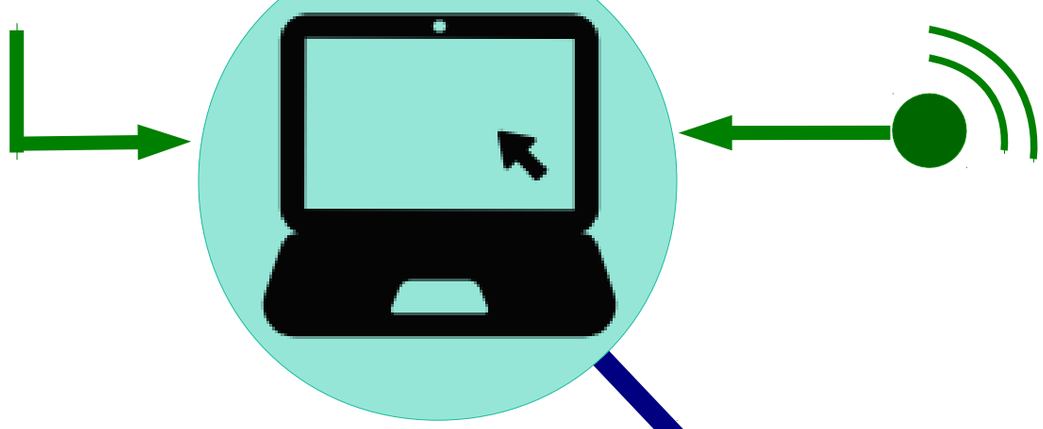

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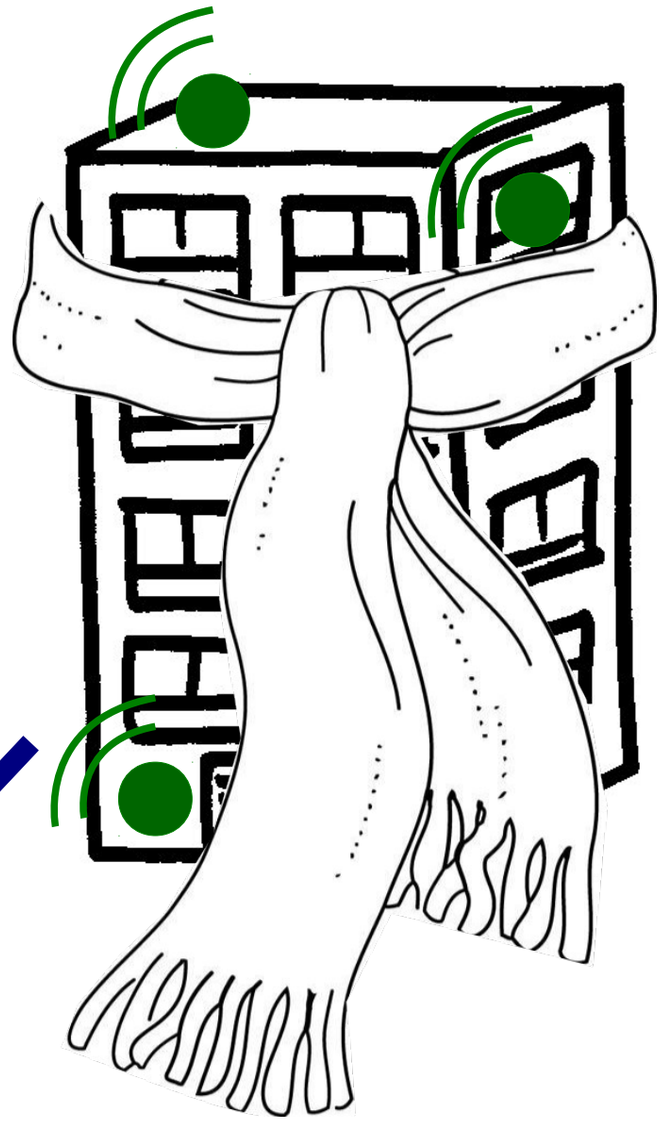

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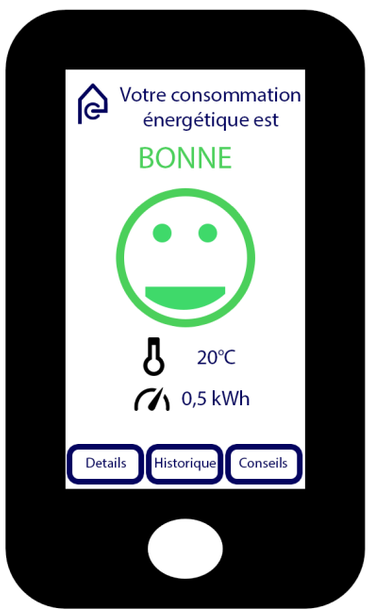
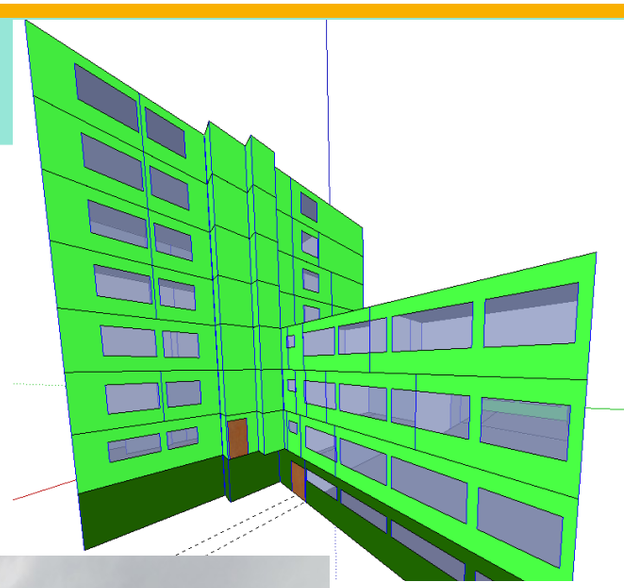
A complete service for accurate energy performance analysis

1. Installation of a sensor network
2. 3D BIM modelling of the building
3. Automated performance analysis + design tool



Innovation

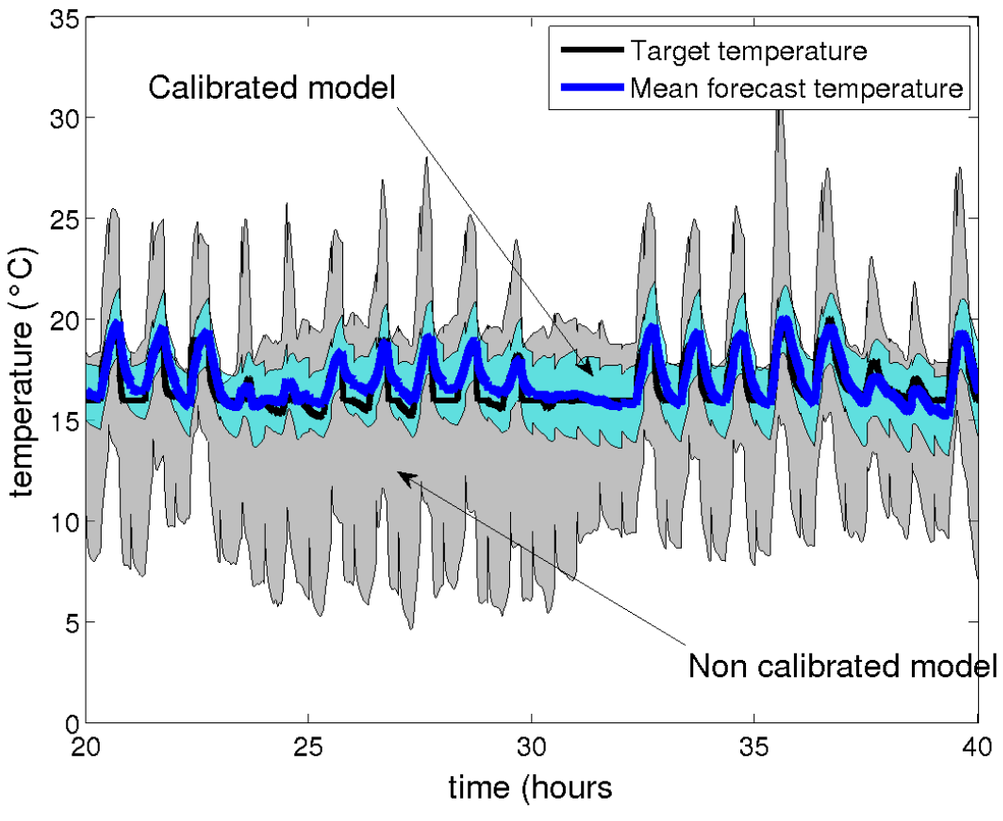


Unique algorithms developed by academic research

2 patents

1 innovative software

First residential building under Ecotropy
1600 m², Lyon, France



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Land of innovation

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KIC InnoEnergy

iT² Investissement

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