Sibel Eker and Nici Zimmermann
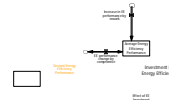
HEW-WISE: THE WEB-ENABLED INTERACTIVE SIMULATION ENVIRONMENT

Integrated decision-making about Housing Energy and Wellbeing (HEW)

4th stakeholder workshop

Modelling

- Larger model for analyses

- Small model for interactive learning environment

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Data sources

- Lit23ources Lit23ources

Integrated decision-making about Housing Energy and Wellbeing (HEW)

Where to find it?

http://www.bartlett.ucl.ac.uk/iede/research/project-directory/projects/housing-energy-wellbeing

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MODEL UNFOLDING

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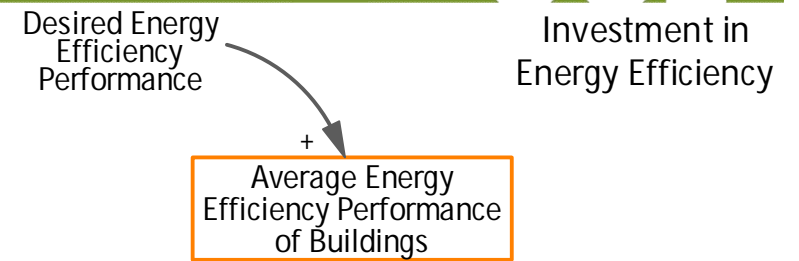Integrated decision-making about Housing Energy and Wellbeing (HEW)

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Causal loop diagram

Desired Energy
Efficiency
Performance

Investment in
Energy Efficiency

+

Average Energy
Efficiency Performance
of Buildings

Capabilities
of the
Industry

Rework

Wellbeing of
Residents

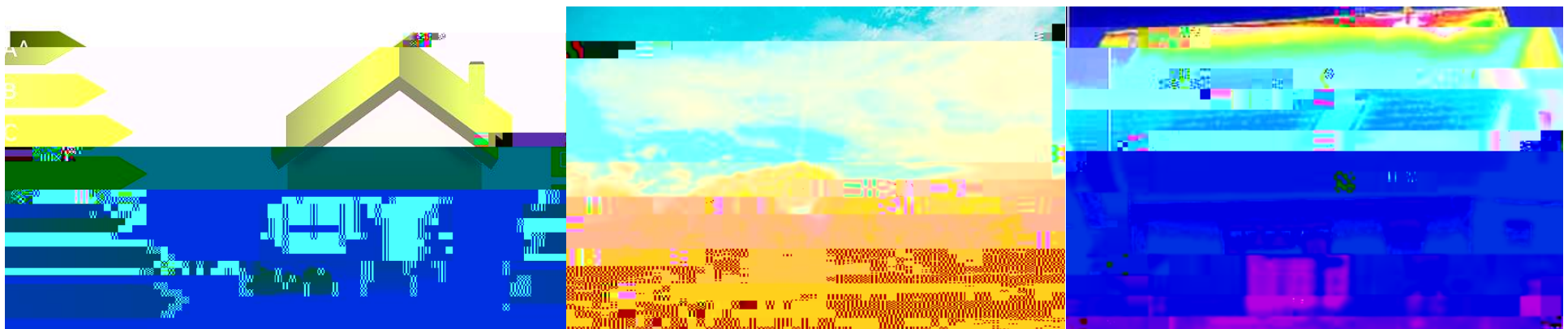Integrated decision-making about Housing Energy and Wellbeing (HEW)

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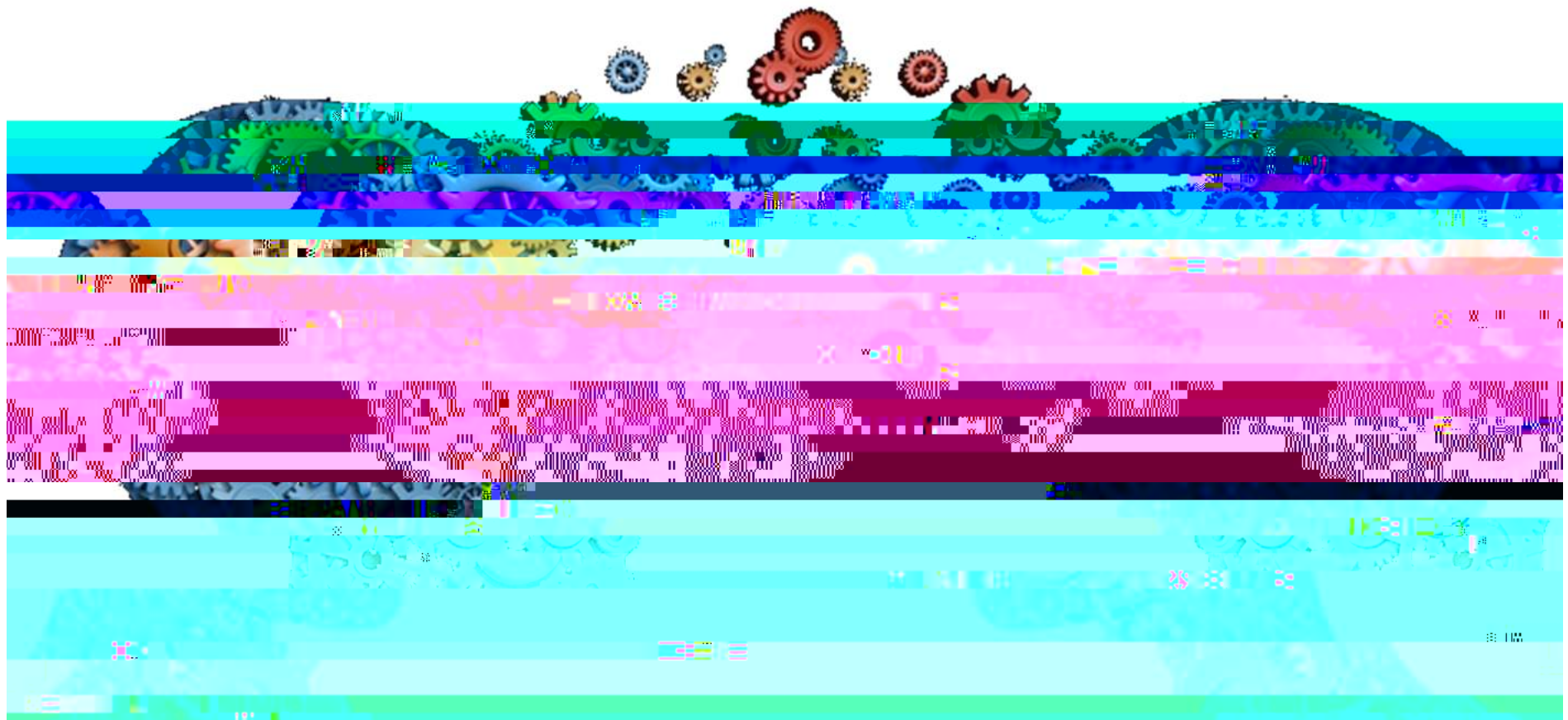Integrated decision-making about Housing Energy and Wellbeing (HEW)

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SIMULATION ENVIRONMENT DISCUSSION

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Purpose

Simulation environment discussion

- Were your assumptions challenged?
- Do you challenge our assumptions?

- At what level do we create leverage?

- Suggestions   value systems

- How did you come to consensus?

- Usefulness and learning