

### **Engineering Comes Home**

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## **Engineering Comes Home**

- Bottom-up approaches
- Water-energy-food nexus
- Co-designing infrastructure
- Tools for designers







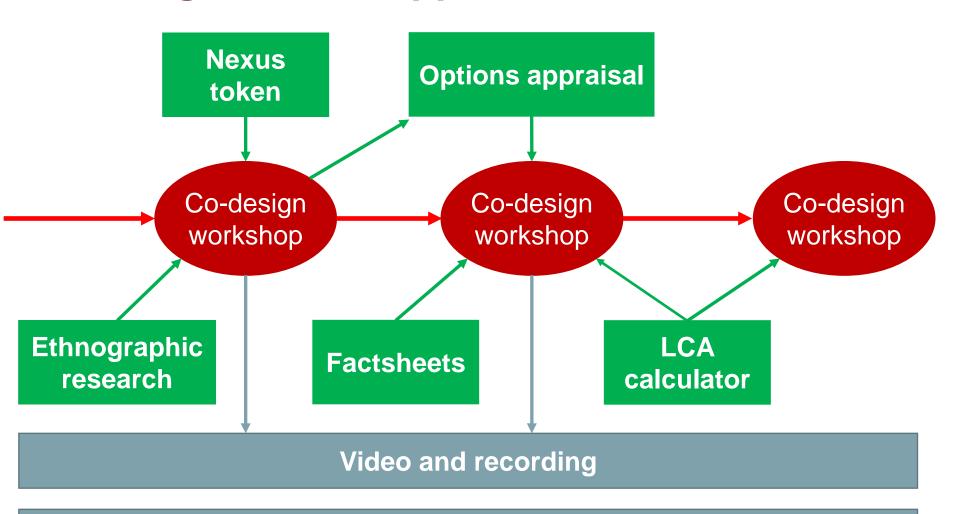


### **Engineering Comes Home**

- ➤ Located in South London
- ➤ 123 flats
- Combination of leaseholders and tenants



### Co-design: overall approach



**Evaluation** 

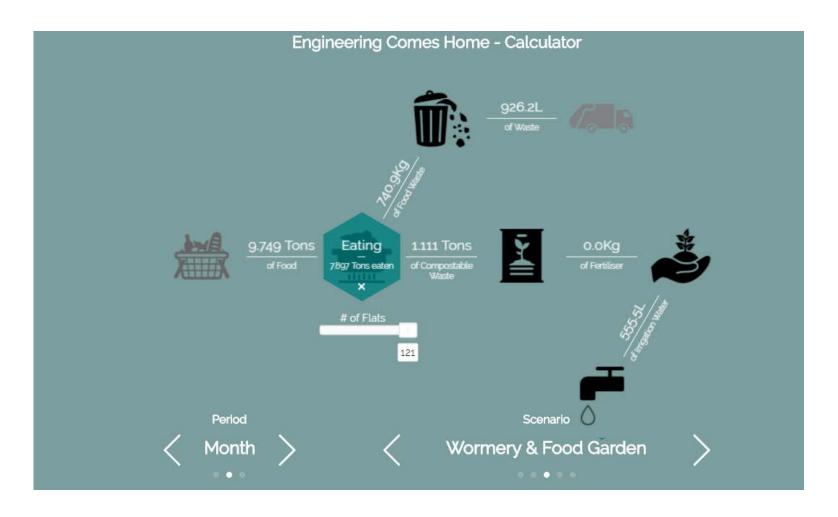


## What's in our toolkit (so far...)?

- Social practice methods
- Co-design methodology (tools, processing outcomes)
- 2-4-8 value elicitation
- Tokens and equipment for building and discussing systems ideas
- Video documentation and sound recording
- Field observation template
- Formalised method for analysing workshop outcomes
- Options appraisal (feasibility, desirability)
- LCA calculator
- Fact sheets and photos for selected technology options
- Rainwater calculator
- Rainwater design specification worksheets
- Community infrastructure mapping
- Evaluation template



#### LCA calculator



https://calculator.iilab.org/



# https://ech.iilab.org/



GET STARTED

Method statements to co-design infrastructure with communities

0: SETTING AIMS

1: CHARACTERISING COMMUNITIES

2: REQUIREMENT CAPTURE

