

RETROFIT ROCKS

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COVENTRY CITY COUNCIL, ACT ON
ENERGY, LOCAL ARTISTS AND LOCAL
SCHOOL

FUNDED BY RESEARCH
ENGLAND PARTICIPATORY
RESEARCH VIA FUNDS
ALLOCATED FOR PLACED-
BASED RESEARCH CULTURE, 23-
24 UNIVERSITY OF WARWICK



METHODOLOGY

- 3 Workshops with local community (Radford in Coventry)
- Parents workshop – benefits of retrofitted house



- Data collection via design participatory research (understand barriers to housing retrofitting and design better policy **with not just for** citizens)



Figure 1. The policy cycle

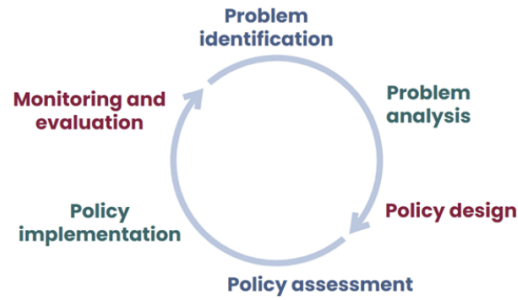
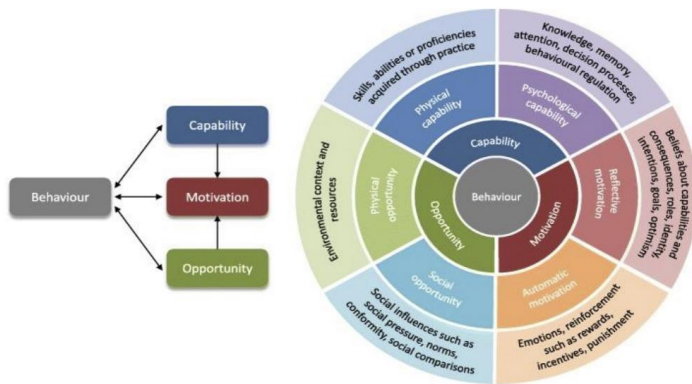


Figure 2. COM-B Model



Source: OECD report, Mind Shift, Green Lift, Jan 2025.

PRELIMINARY RESULTS

- Eligibility criteria
- Lack of information/knowledge
- Opportunity – landlord/tenant problem
- Costs
- Survey: approx. 200 obs to better understand behavioural biases to the problem of housing retrofitting.

**USING VIRTUAL REALITY (VR) FOR
EMPATHY BUILDING IN HOUSING
RETROFITTING AND SUSTAINABLE
LIVING
THROUGH PARTICIPATORY DESIGN**

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METHODOLOGY

- 2 Workshops with local community (Ball Hill in Coventry)
- VR – benefits of retrofitted house



- Data collection via design participatory research (understand barriers to housing retrofitting)

ANY QUESTIONS?

- Lory.Barile@warwick.ac.uk
- Retrofit Rocks short video [here](#)
- Additional info [here](#)