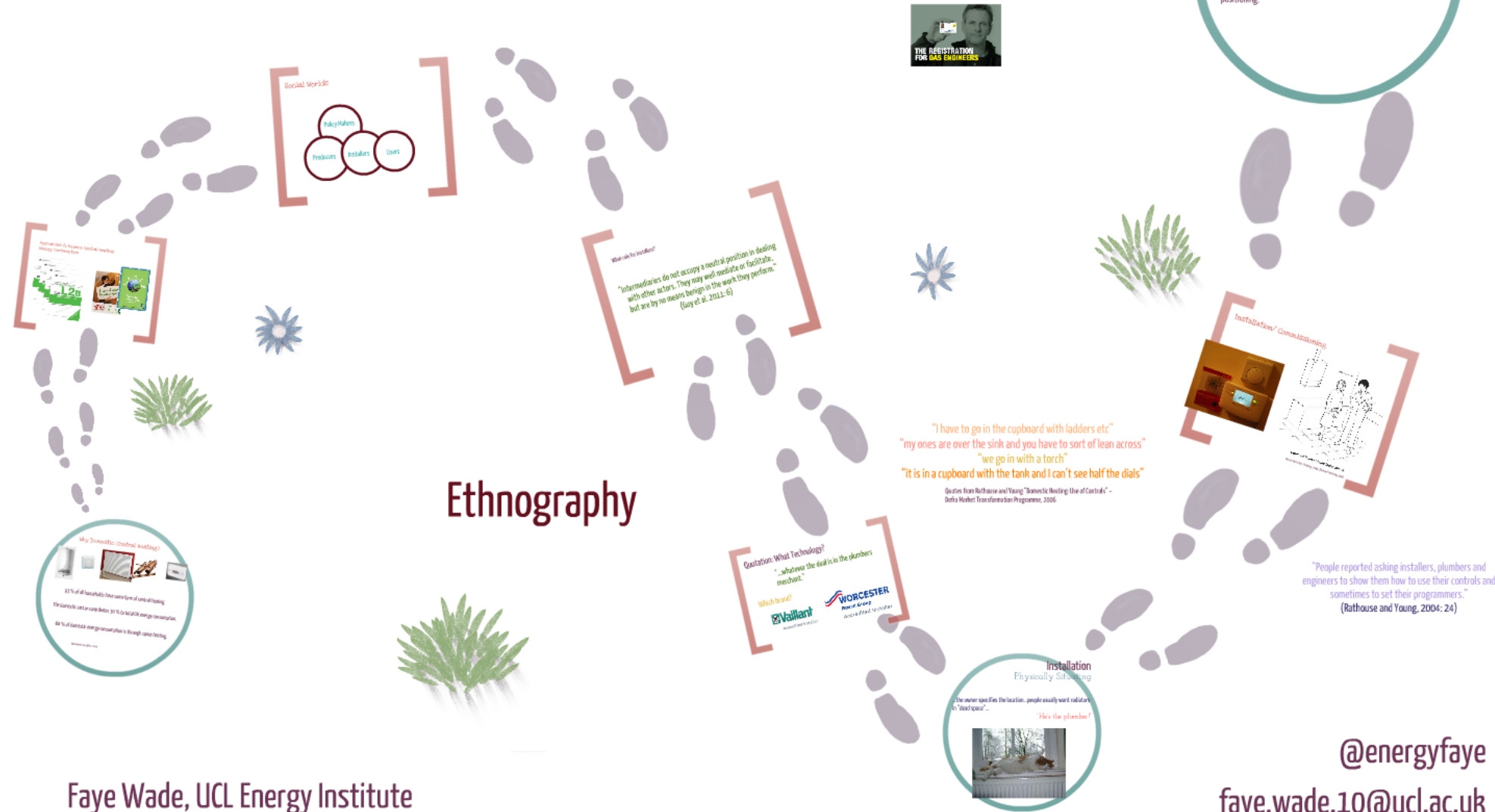


How can central heating installation influence space heating practices?



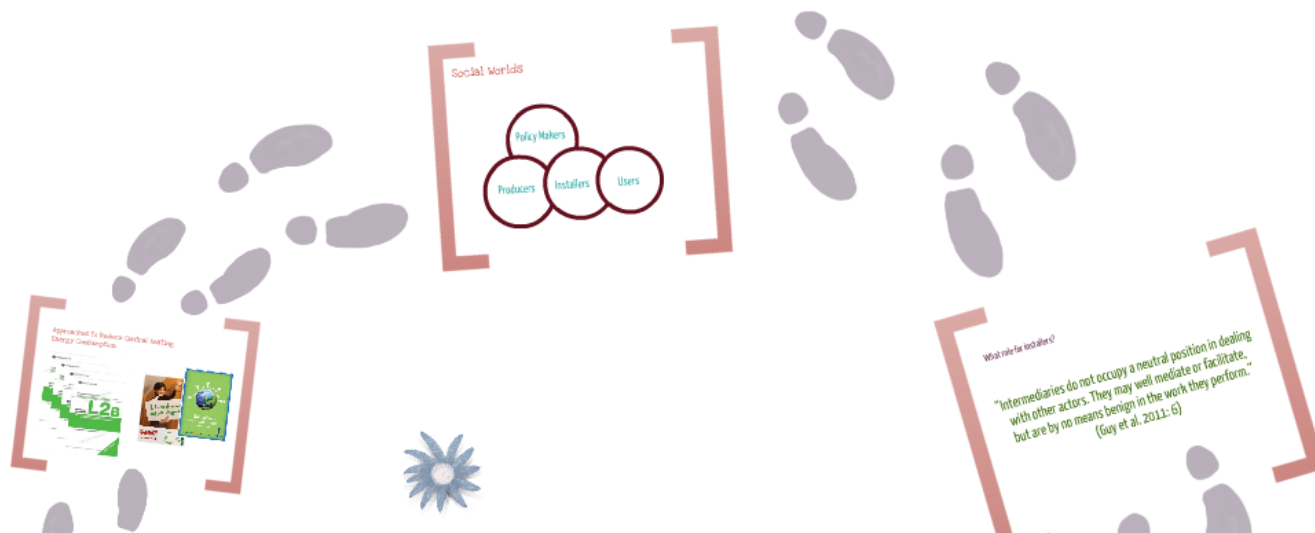
How can central heating installation influence space heating practices?



Faye Wade, UCL Energy Institute

@energyfaye
faye.wade.10@ucl.ac.uk

How can central heating installation influence space heating practices?



Why Domestic Central Heating?



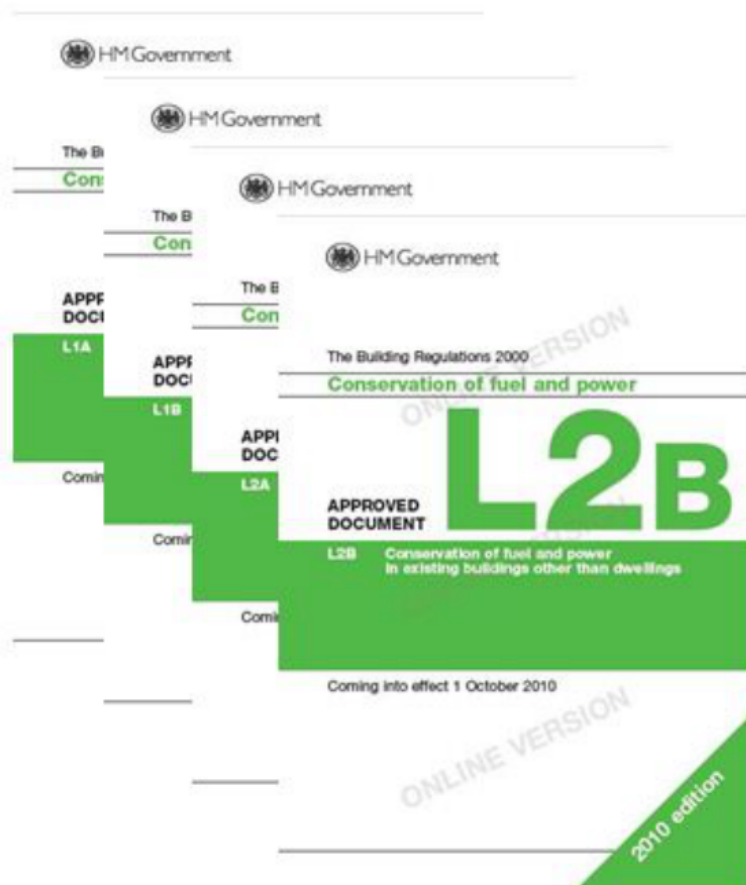
93 % of all households have some form of central heating.

The domestic sector contributes 30 % to total UK energy consumption.

60 % of domestic energy consumption is through space heating.

Data taken from: (DECC, 2010)

Approaches to Reduce Central Heating Energy Consumption



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APPE
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L1A

APPE
DOC

L1B

APPE
DOC

L2A

The Building Regulations 2000

Conservation of fuel and power

APPROVED
DOCUMENT

L2B

L2B Conservation of fuel and power
in existing buildings other than dwellings

Coming into effect 1 October 2010

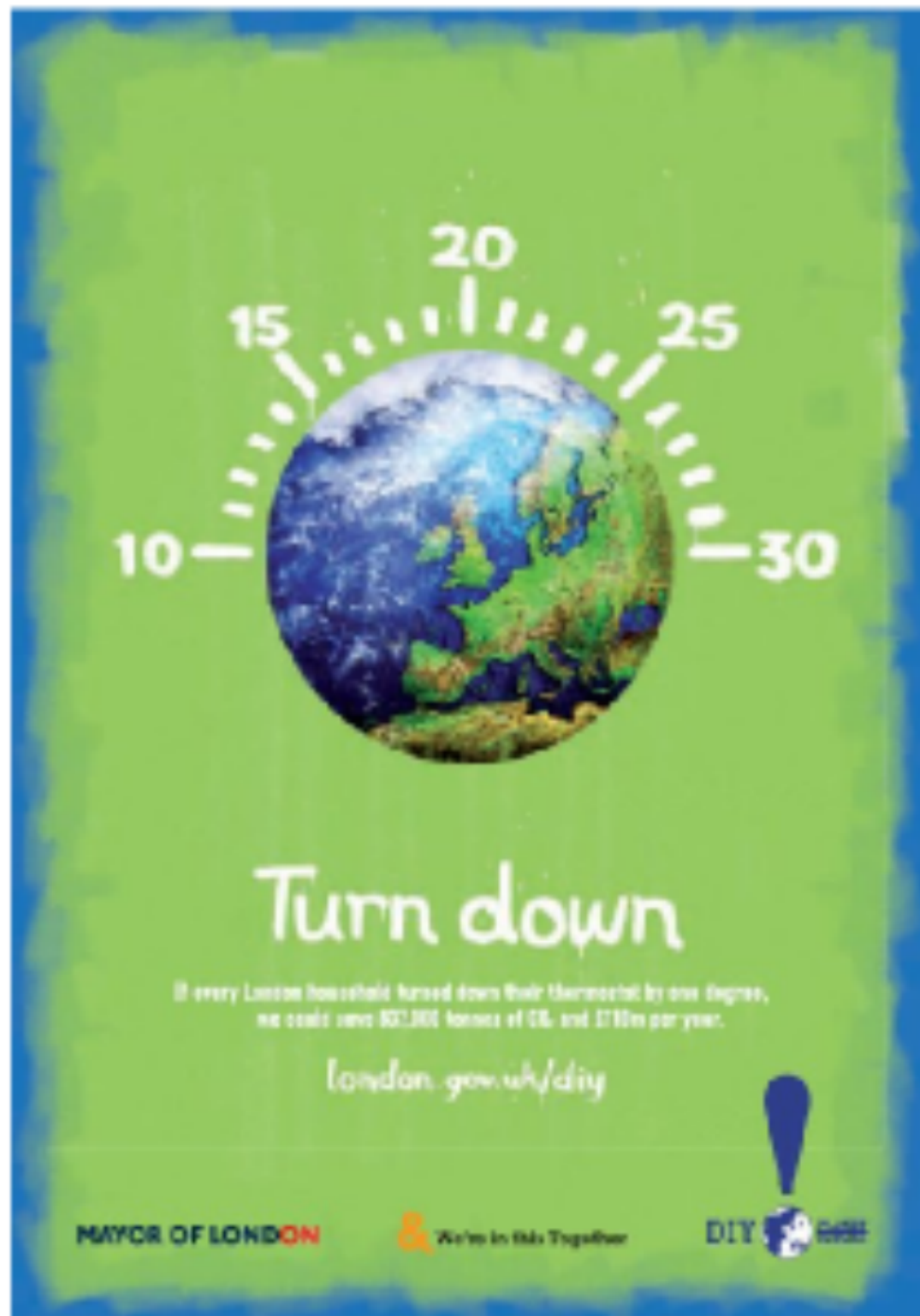
2010 edition

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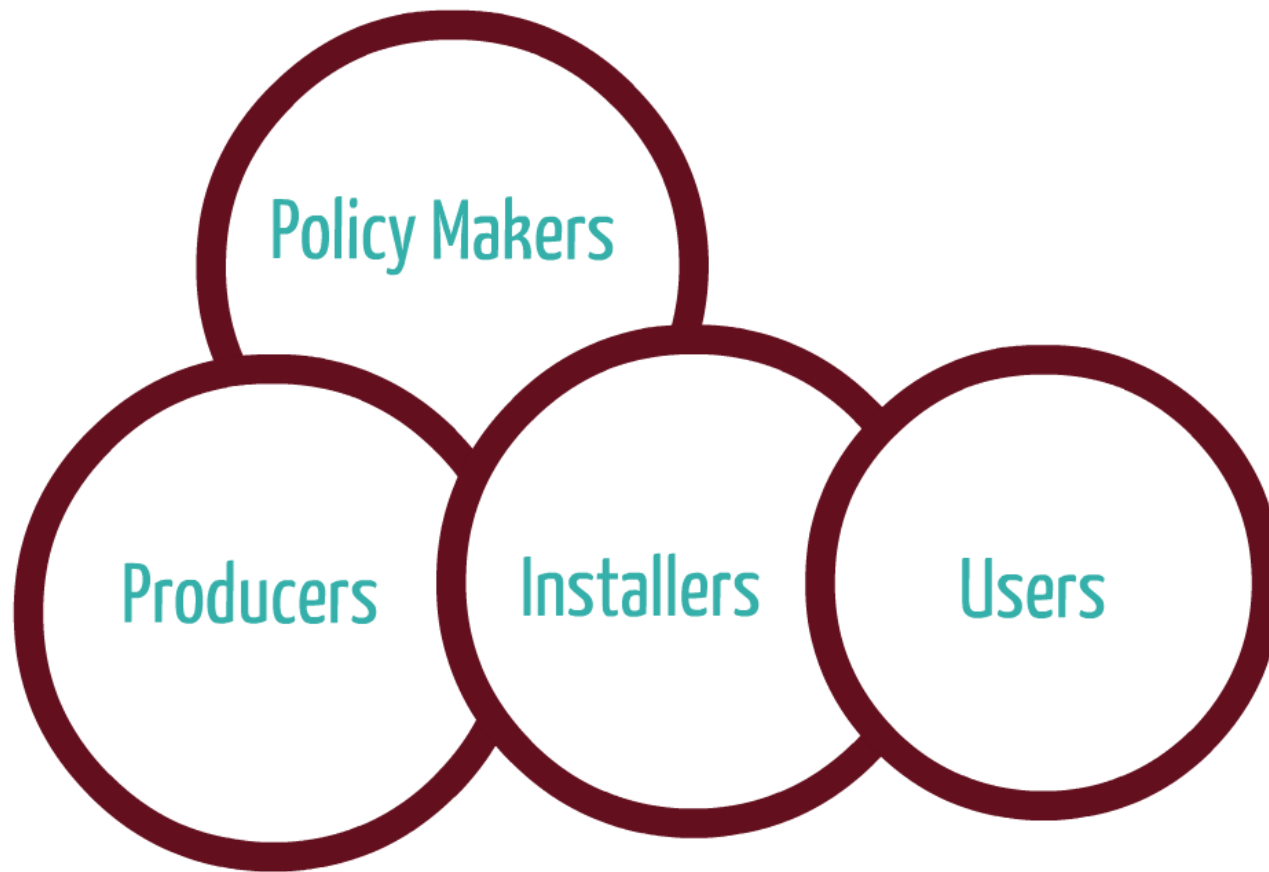


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www.kingston.gov.uk/e



Social Worlds



What role for installers?

“Intermediaries do not occupy a neutral position in dealing with other actors. They may well mediate or facilitate, but are by no means benign in the work they perform.”
(Guy et al. 2011: 6)



THE REGISTRATION FOR **GAS ENGINEERS**

Ethnography

Quotation: What Technology?

"...whatever the deal is in the plumbers merchant."

Which brand?



Installation

Physically Situating


...the owner specifies the location...people usually want radiators in “dead space” ...

“He’s the plumber!”



“I have to go in the cupboard with ladders etc”
“my ones are over the sink and you have to sort of lean across”
“we go in with a torch”
“it is in a cupboard with the tank and I can’t see half the dials”

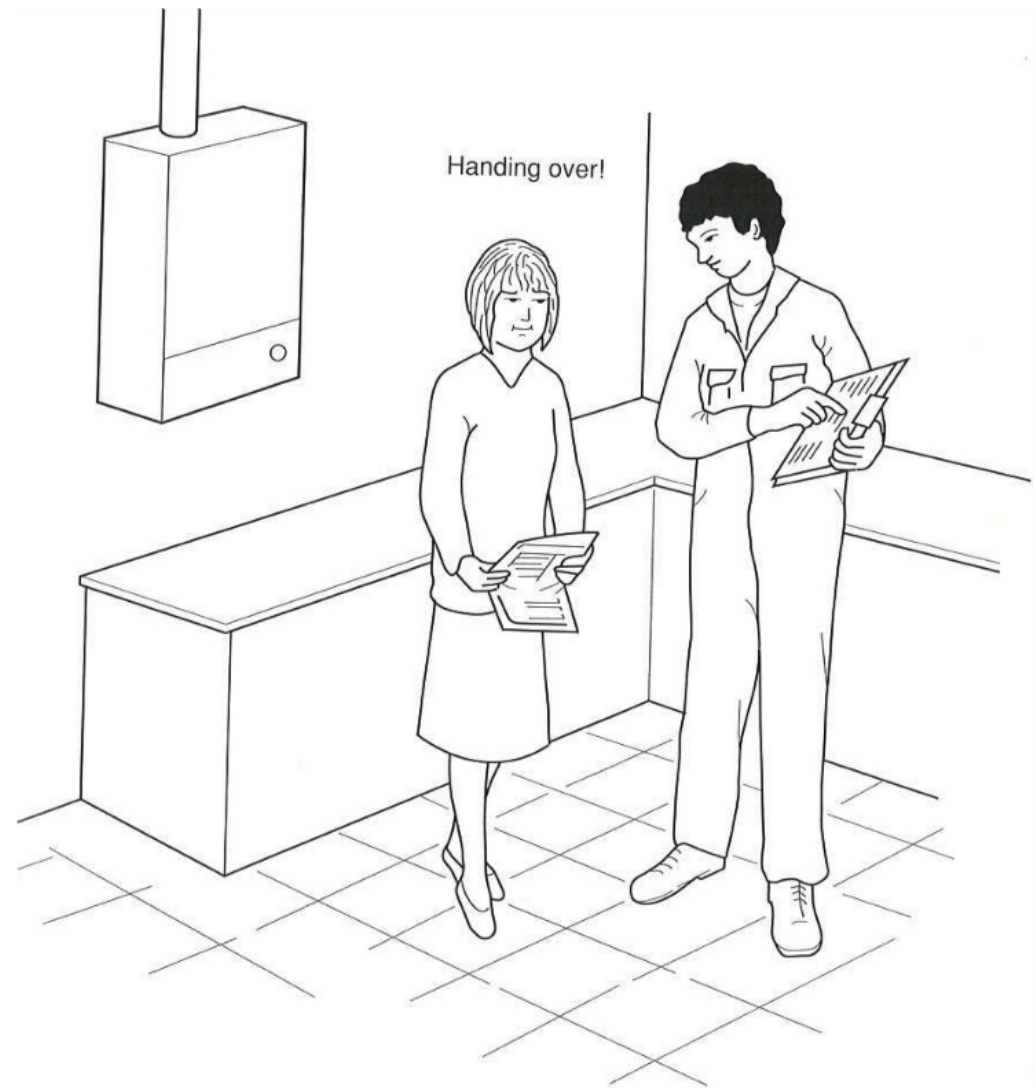
Quotes from Rathouse and Young “Domestic Heating: Use of Controls” –
Defra Market Transformation Programme, 2006



“People reported asking installers, plumbers and engineers to show them how to use their controls and sometimes to set their programmers.”

(Rathouse and Young, 2004: 24)

Installation/ Commissioning



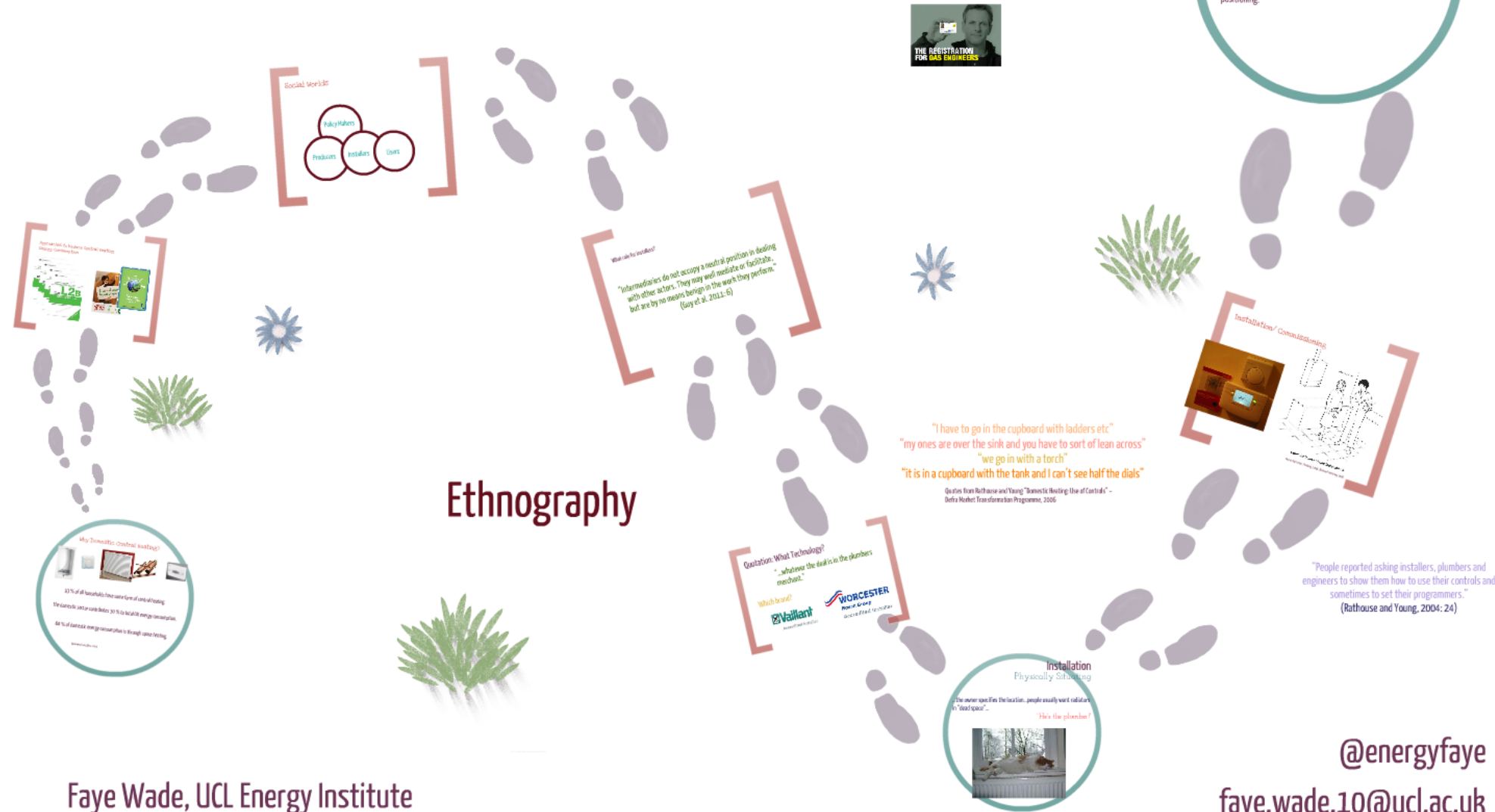
Commissioning of gas installations

Source: R.D Treloar, Plumbing, 3rd Ed., Blackwell Publishing, 2006

ConcluSionS

- Existing strategies to reduce space heating energy consumption not sufficient.
- Installers currently overlooked in policy making and research.
- Use ethnography to investigate installer's network and role.
- Installer influential in determining technology, physical and temporal positioning.

How can central heating installation influence space heating practices?



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