‘More-than-design’ for policy making: an opportunity for engaging creative methods for future policies

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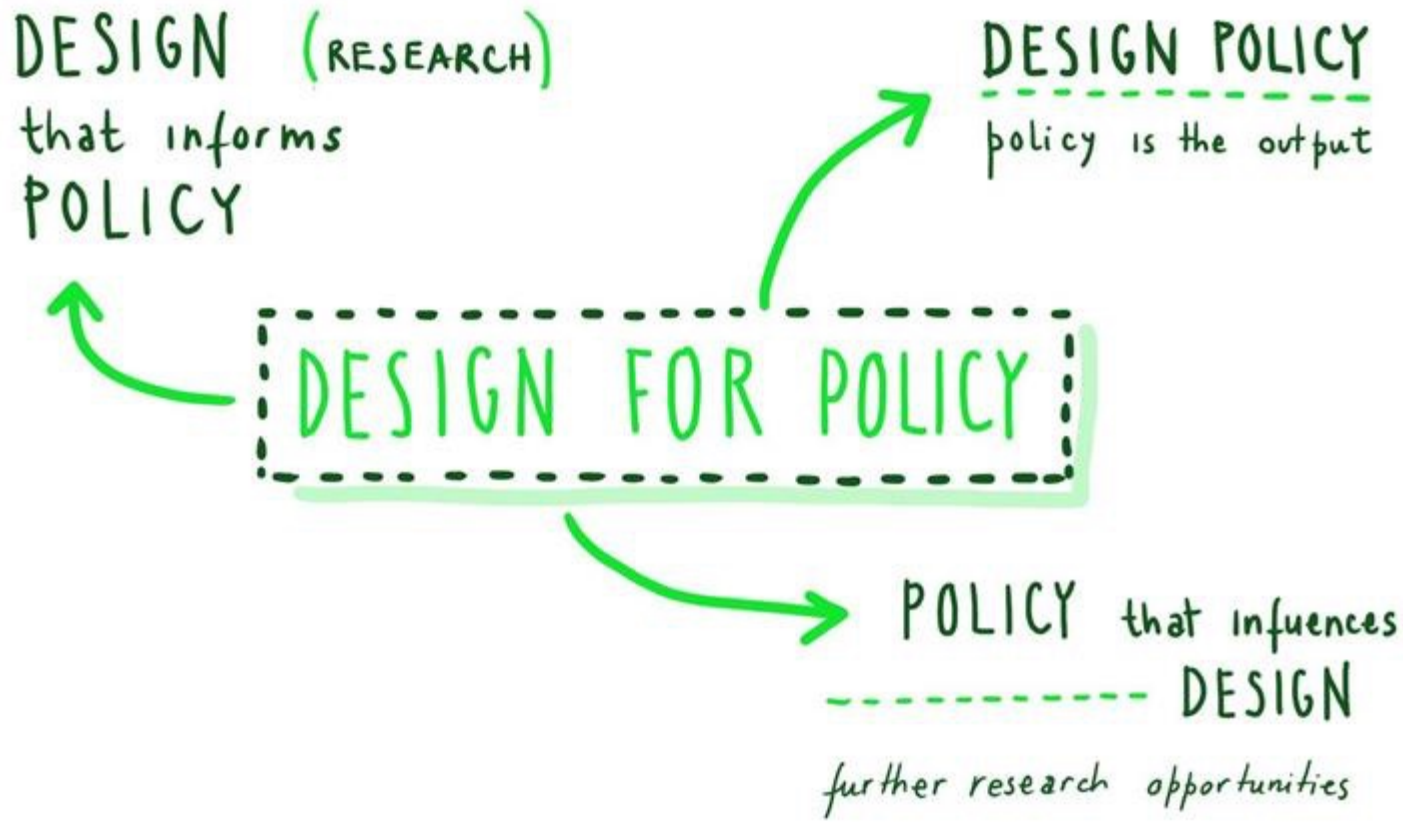
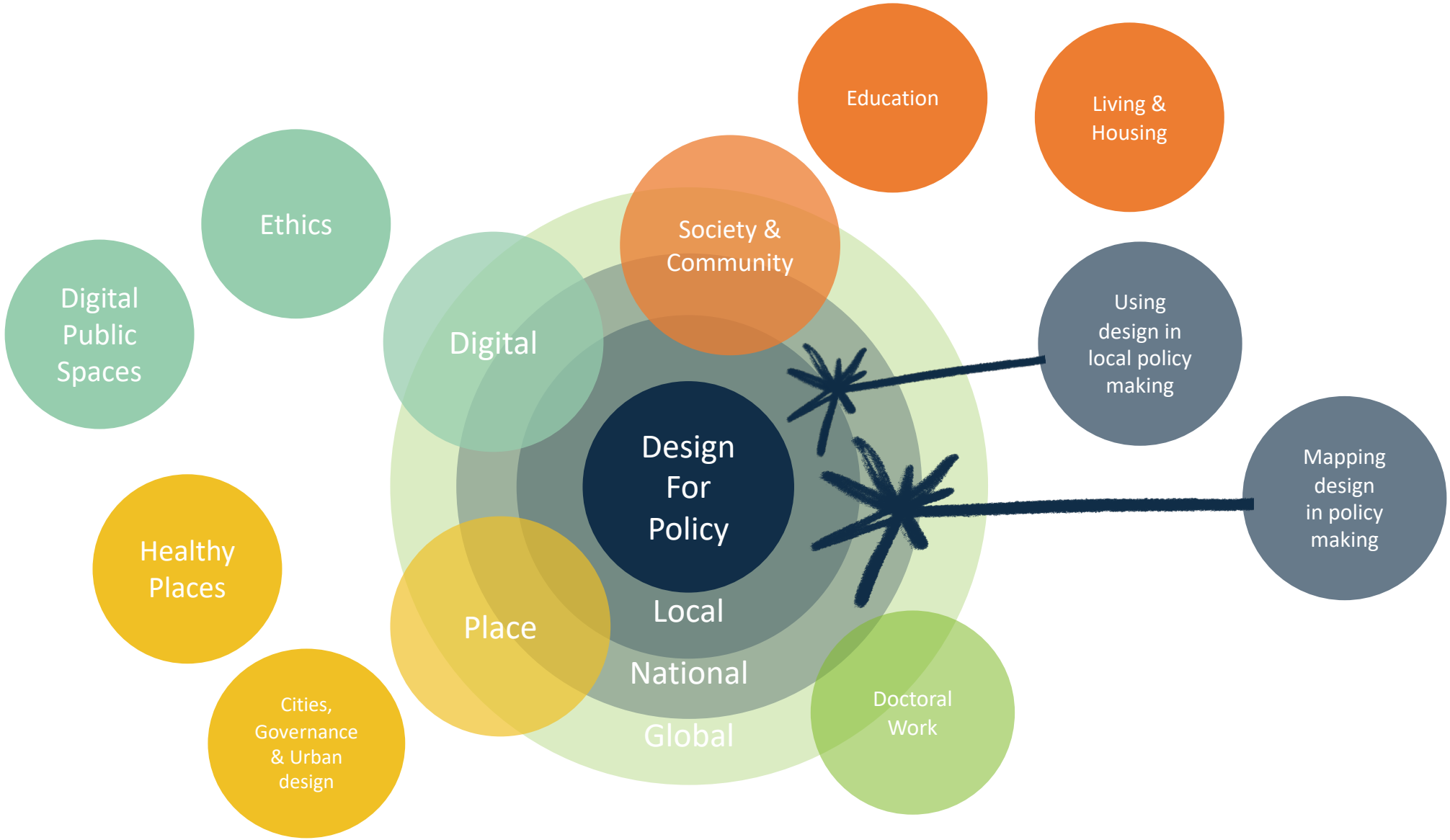
Why design and policy?


DESIGN (RESEARCH)
that informs
POLICY
DESIGN POLICY
policy is the output
DESIGN FOR POLICY
POLICY that infuences
DESIGN
further research opportunities



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Different Scales

- Macro to micro
- Different level of complexity and applicability
- Linkages not visible (between research and practice)

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Design *for* Policy: Innovation in and application of design methods to the policymaking process

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Design for Policy in practice

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P-PITEE

Participatory Policies for IoT (at the Edge) Ethics (P-PITEE)

Lancaster University
Lancaster City Council
University of Aberdeen

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Aims

- To explore and support ethical deployment of Internet of Things sensors and systems in public spaces
- To help Lancaster City Council develop a policy for secure and ethical IoT
- To produce a digital tool to help evaluate proposed deployments and support ethical and secure practice

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Project stages

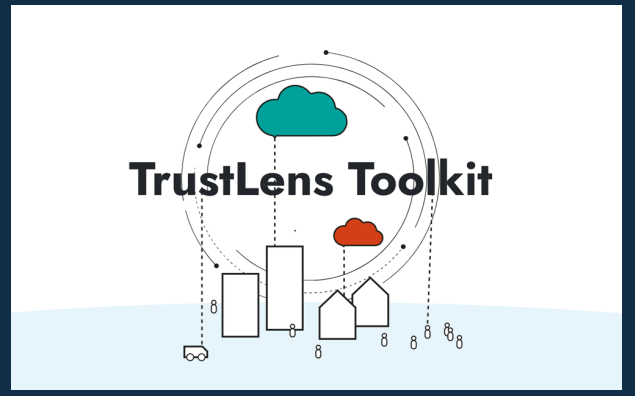
1. Walking workshop with Lancaster City Council officers in Lancaster City Centre
2. Virtual walking workshop with experts in IoT and Cybersecurity using the Gather Town Platform
3. Research team develop the prototype policy based on findings
4. Prototype Trustlens tool development
5. Workshop with Lancaster City Council officers to refine the policy

Walking workshop

- Design for Policy in practice
- LCC representatives
- Walk around the city centre
- IoT deployments – some real, some design fiction
- Field guides to complete

Walking workshop

Trustlens Tool



- Toolkit in development
- Based on previous TrustLens work
- Comprises larger questions which lead to more specific ones, and guide facilitated discussion

Policy Prototype

Lancaster City Council: Policy for deployment of IoT (internet of things) devices in public spaces

The aim of this policy is to guide Lancaster City Council officers to assess, design and implement ethical and transparent deployments of IoT sensors in public spaces around the district. *Each policy statement should be accompanied by a series of key tasks, assigned to a specific officer (position).* The policy should be reviewed every X months/years.

Goals of the deployment

- The benefits of the system should be identified and clearly communicated (e.g. operational efficiencies). If the data generates benefits/operational efficiencies consider whether these be scaled and be of benefit to other departments or external organisations.
- Consider how the deployment contributes to the organisational goals.
- Deployments must explore whether other organisations (e.g., other government bodies or agencies) have existing sensors and whether it would be mutually beneficial to share the data either within or beyond the organisation while considering what privacy risks might emerge from combining data.
- Explore whether the data might have a commercial value.
- Assess whether the deployment can support multiple cross-functional goals, including different teams, services and agencies.
- Ensure the deployment is secure and protects the data and/or the citizen.
- Assess whether the deployment will serve the people of the Lancaster District.

Use of physical devices

- The nature and number of the devices must be identified clearly.
- Assess whether the deployments require planning consent.
- It must be ensured that sensors/housings are visually sensitive to a particular location (e.g., in historic locations).
- Where necessary, permission must be received to install equipment/gather data.
- Assess whether the location of devices **should** be mapped and available openly across and beyond the organisation (and with the public where necessary)

Creative methods for future policies

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Launching MANIFEST, our new initiative to evaluate the role of art in policy

Stephen Bennett, Kyna Gourley and Emily Riddle, 18 January 2023 - Policy Lab

Policy Lab: Creative methods for policy

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Next steps: cross-LICA interdisciplinary Creative Methods for Policy workshop?

Thank you!