

The BP exhibition
Sunken cities
Egypt's lost worlds

19 May – 27 November 2016

Supported by BP



Revealed: Science Museum signed gagging clause with exhibition sponsor Shell



Fatima Manji
Reporter



Indigenous leaders urge London's Science Museum to cut ties with Adani

Leaders say Adani Group, a major operator of coal mines, is responsible for land destruction





CIVIC SQUARE



00

Zero zero is a collaborative studio » of architects, strategic designers, programmers, social scientists, economists and urban designers practicing design beyond its traditional borders.

Some of our current ventures are listed below. We operate an open business model.



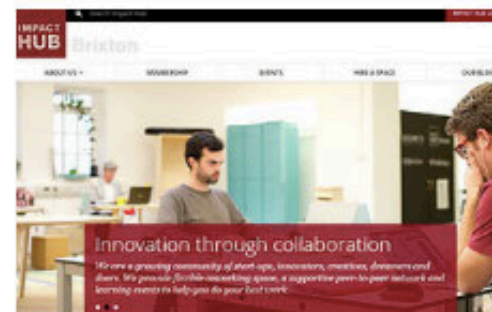
ARCHITECTURE 00

Architecture and strategic design



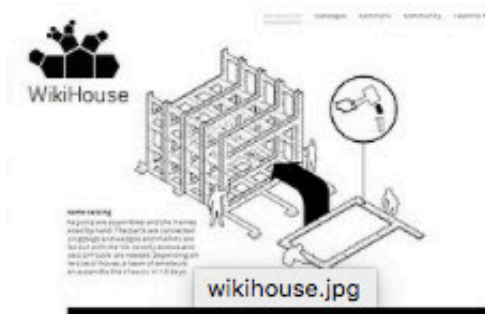
OPEN DESK

Global platform for local making



IMPACT HUBS

Collective platform for area based change



WIKIHOUSE

Open source construction system



STUDIO WEAVE

Exploratory Architectural Studio



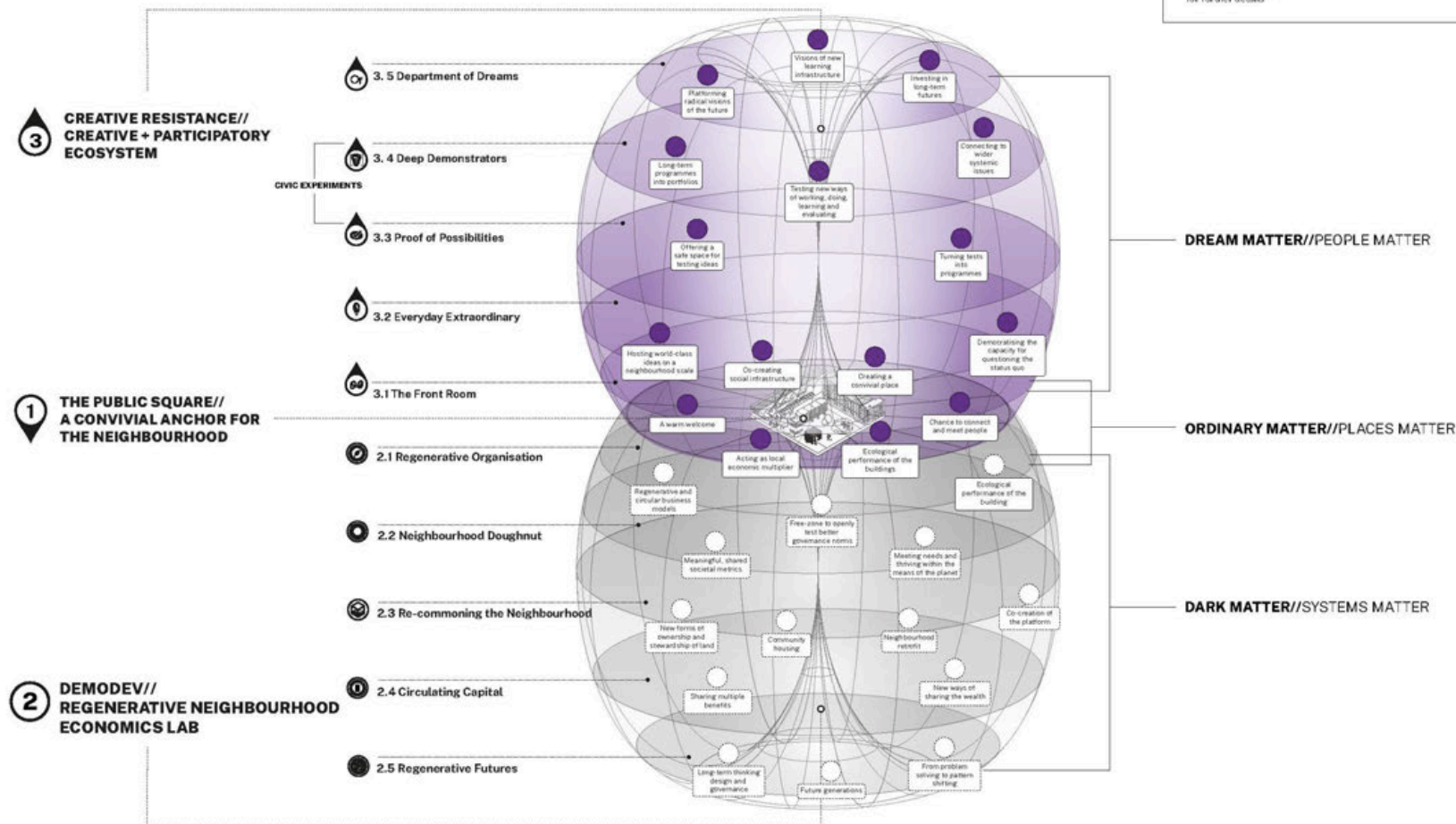
DARK MATTER LABORATORIES

Designing 21st century institutional infrastructures

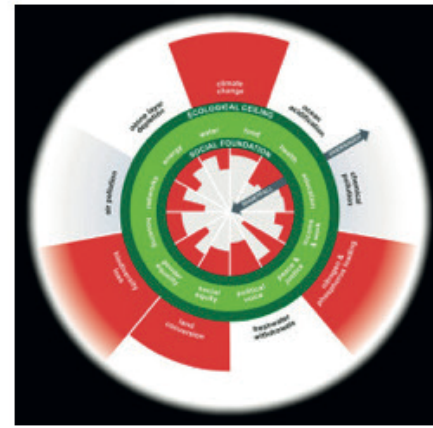


This diagram sits as part of a collection of CIVIC SQUARE strategy materials, which help to navigate the broader CIVIC SQUARE, vision, missions, portfolios and activity. On it's own, it provides a high level overview of our Theory of Change, as outlined in more detail in Chapter 4 of our Vision & Strategy: Social Infrastructure Document at bit.ly/CIVICSQUARE_vs

Deeply entwined within our Theory of Change are the systems by which we give form to projects, initiatives and interventions. This is known as **DESIGN MATTERS** – a practical and philosophical framework for design at CMIC SQUARE. It is an expression of how we design to encompass the different typologies of matter i.e. the properties and attributes that our work is composed of, alongside what matters most to the organisation, i.e. our principles and values. See Chapter 4.4 of CMIC SQUARE Vision and Strategy for further details.



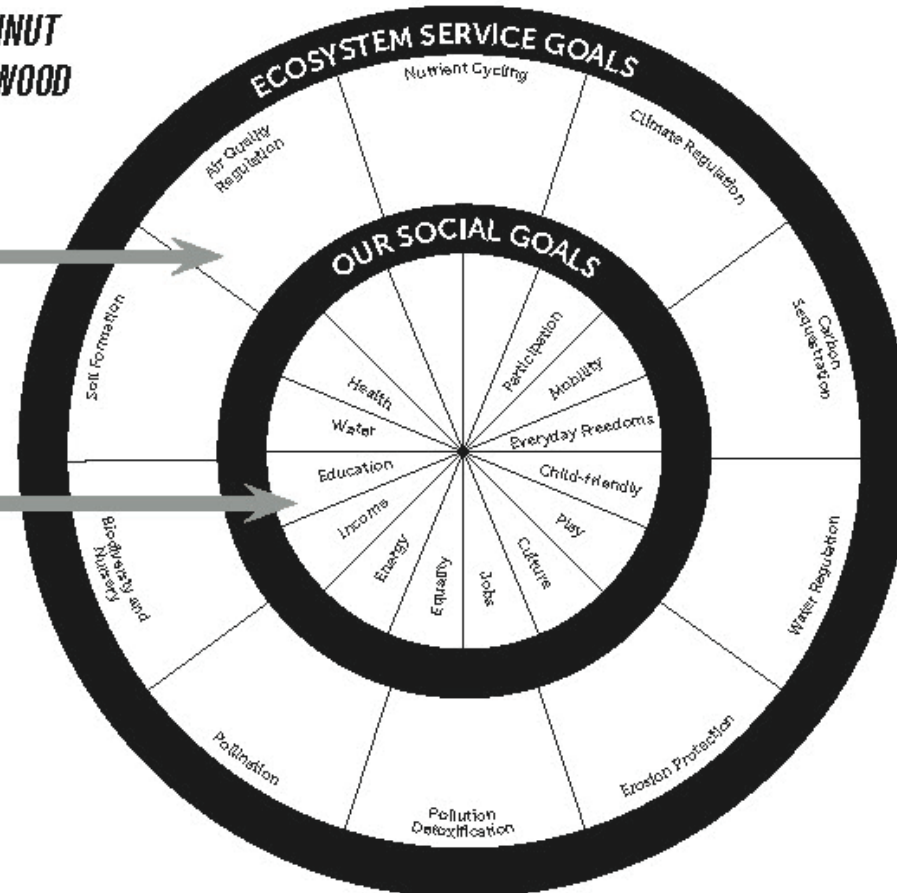
**EXAMPLE DOUGHNUT
MODELS BY KATE
RAWORTH**



**NEIGHBOURHOOD DOUGHNUT
FOR PORT LOOP & LADYWOOD**

To be developed
through ecological
study of the place

To be co-created
with local citizens





Claire Spencer
@thedancingflea

Replying to @louise4change @ImmyKaur and 5 others

Hear hear - my brain is buzzing with ideas (and loops) after a wonderful day



Imandeep Kaur @ImmyK... · 08/01/2019

This evening, @KateRaworth is taking us all on a journey about what does Doughnut Economics mean for places like ours & for @TheCivicSquare?



3 3 12

Show this thread



Tony Colville @tony.colvi... · 09/01/2019





Claire Spencer
@thedancingflea

Replying to @louise4change @ImmyKaur and 5 others

Hear hear - my brain is buzzing with ideas (and loops) after a wonderful day of collaborative thought and challenge. So keen to help make it happen - a place that enables people to create and share wealth. As @KateRaworth said, practise first, theorise later!



22:06 · 08/01/2019 · Twitter for Android



Imandeep Kaur @ImmyK... · 0
This evening, @KateRaworth all on a journey about what do Economics mean for places like @TheCivicSquare?



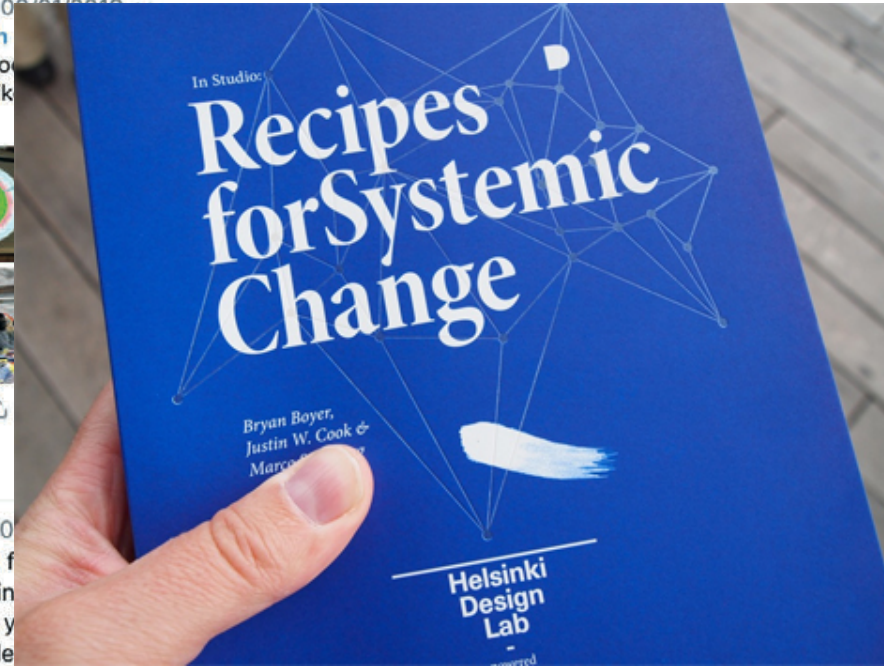
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Show this thread



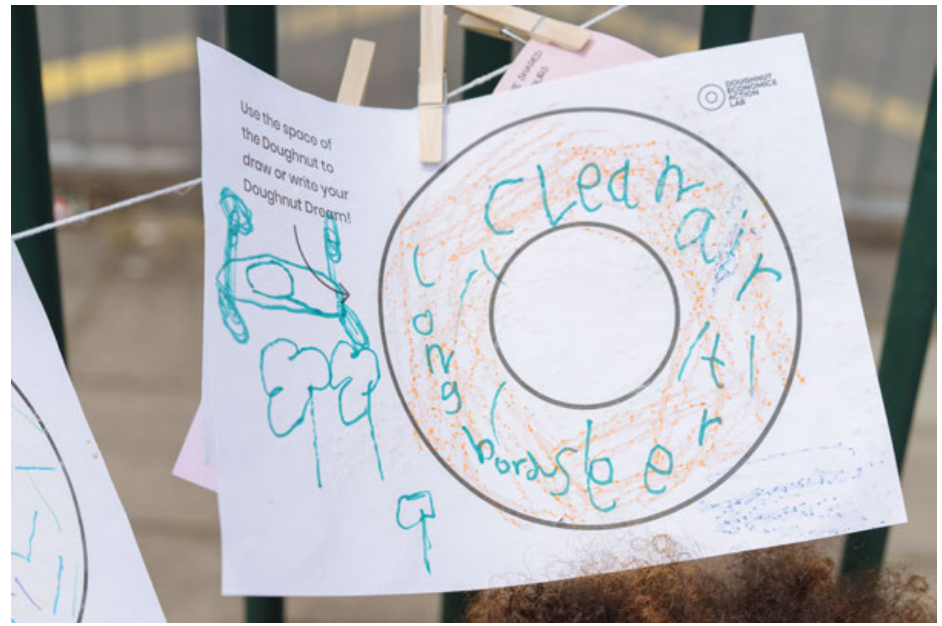
Tony Colville @tony_colvi... · 0
THANK YOU @KateRaworth for mind blowing and mind opening @ImpactHubBrum and thank you kinda role models - the people @andreevo @ImmyKaur thank you for including me in tonight's event. Your journey gives me hope. The donut makes me hungry FOR THE WIN!



1 2 14













Ladywood Energy Collective

A neighbourhood
climate initiative.



In Birmingham we need to
retrofit two out of every
three homes by 2041*.



Credit: CIVIC SQUARE + EAT MAKE PLAY, Neighbourhood Grow Room Construction — Ladywood, Birmingham

Financing Sustainability Transitions: In Search of a New, Civic-led Orthodoxy

Finance at the Climate Crossroads

Since the signing of the [UNFCCC's Paris Agreement](#) in 2015, **\$3.8 trillion** has been invested in fossil fuels, and much of the money set aside to 'build back better' will not address climate change. The role of finance in both the causes of climate breakdown and how we pull our societies back from the brink is a crucial and hot topic that many individuals and organisations pursuing a low-carbon, climate-resilient, just, and inclusive future are grappling with.



<https://medium.com/civicsquare/financing-sustainability-transitions-in-search-of-a-new-civic-led-orthodoxy-4275b6e4be61>

Our current model of retrofitting isn't working

01

Reliant on the household or govt grants to pay

02

Lack of trust in contractors

03

Temporary and insecure workforce

04

Every home (and person) is different making design bespoke & expensive

05

Funding and (re)training are disjointed and short term

06

Disruptive and unpredictable

07

Single measures rather than whole-house

08

Little focus on user journey and customer service

Arguments for collective area-based approaches

01

Local communities have better understanding of needs and wants (ref PWC)

02

These projects have higher take up and follow through rates

03

Focus can be targeted at streets and neighbourhoods that still meet general criteria

04

Greater efficiency of retrofit assessments and coordination

05

Greater efficiency of retrofit works

06

Greater potential for mutual support, local volunteering etc.

07

Greater and wider benefits achieved

08

Can include collective assets (e.g. streetscape, local parks etc.) where individual approaches can't

09

Greater scope for local market making (eg. energy clubs)

Transformational impact

	Current approach (via ECO, LADs etc.)	Neighbourhood Transition approach
Primary Objective	Efficient installation of measures	Ongoing outcomes for residents
Financing	One-off grants	Regenerative
Beneficiaries	Individual fuel poor households	Whole communities
Service model	Fragmented, intermittent, confusing	Continuous, supportive, empowering
Economic model	Extractive, national	Democratic, local

House by house



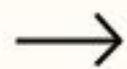
Street by street

Individual customers



Citizen collectives

Private profit



Civic value

Emerging Organising Thesis on Link Road / Neighbourhood v1.

/ Everyday Participation

Practical everyday participation as a foundational principle of organising at a neighbourhood scale to convene, build mutual trust, create everyday spaces to play, work, grow, dream, ++ together. Building on the assets, histories, wisdoms, dreams and aspirations of the place. Starting where we are.

/ Nurturing Collective Agency

Building our collective sensemaking of our local and interdependent global systems, power, skills, knowledge, ownership and confidence to take shared action.

/ Democratising Knowledge

Make visible, collectively sense, design for, and make available access to all scales of data, research, knowledge to the neighbourhood. Uplift marginalised knowledge systems and resource new knowledge production from under resourced communities.

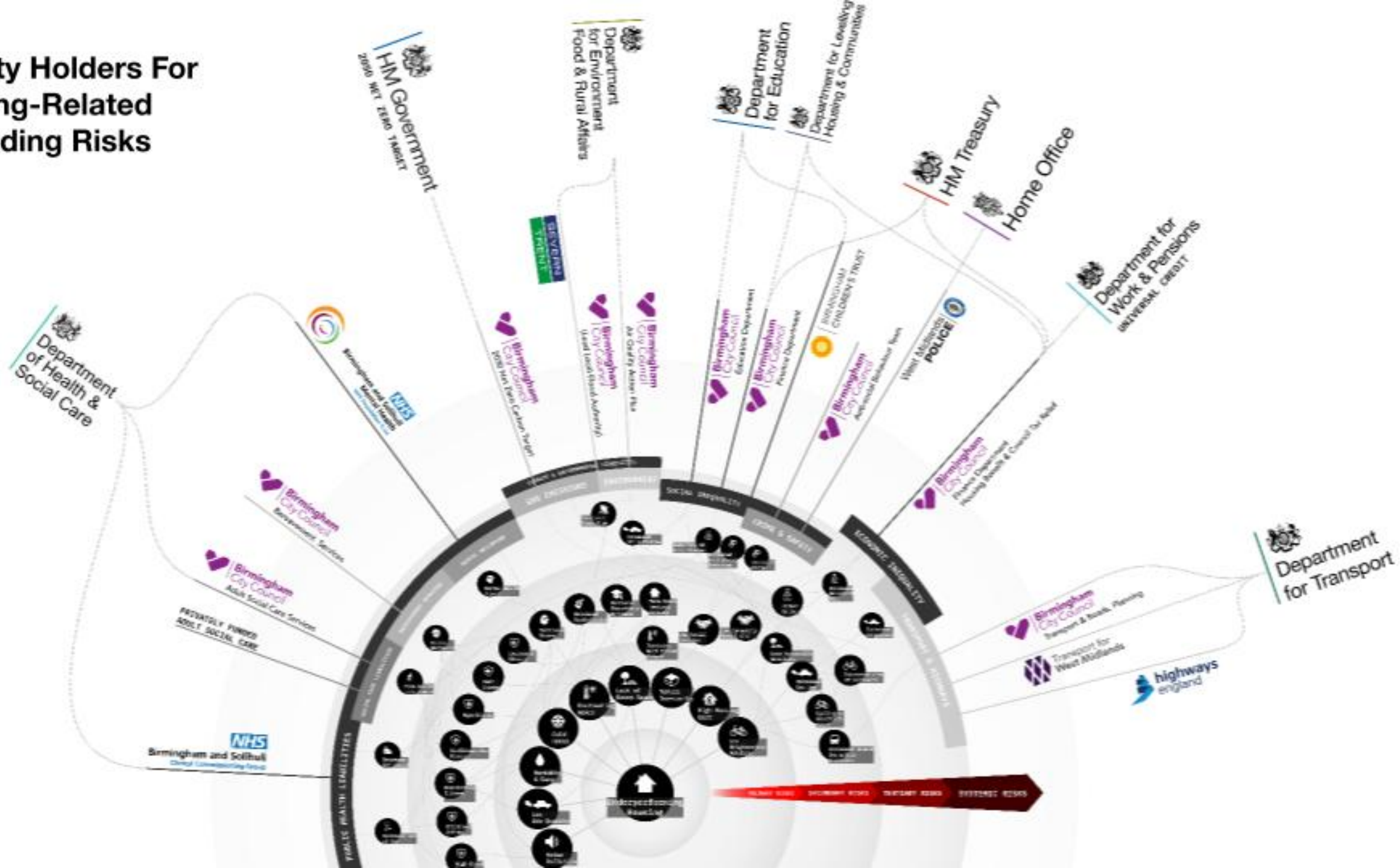
/ Unlocking + Cultivating Imaginations

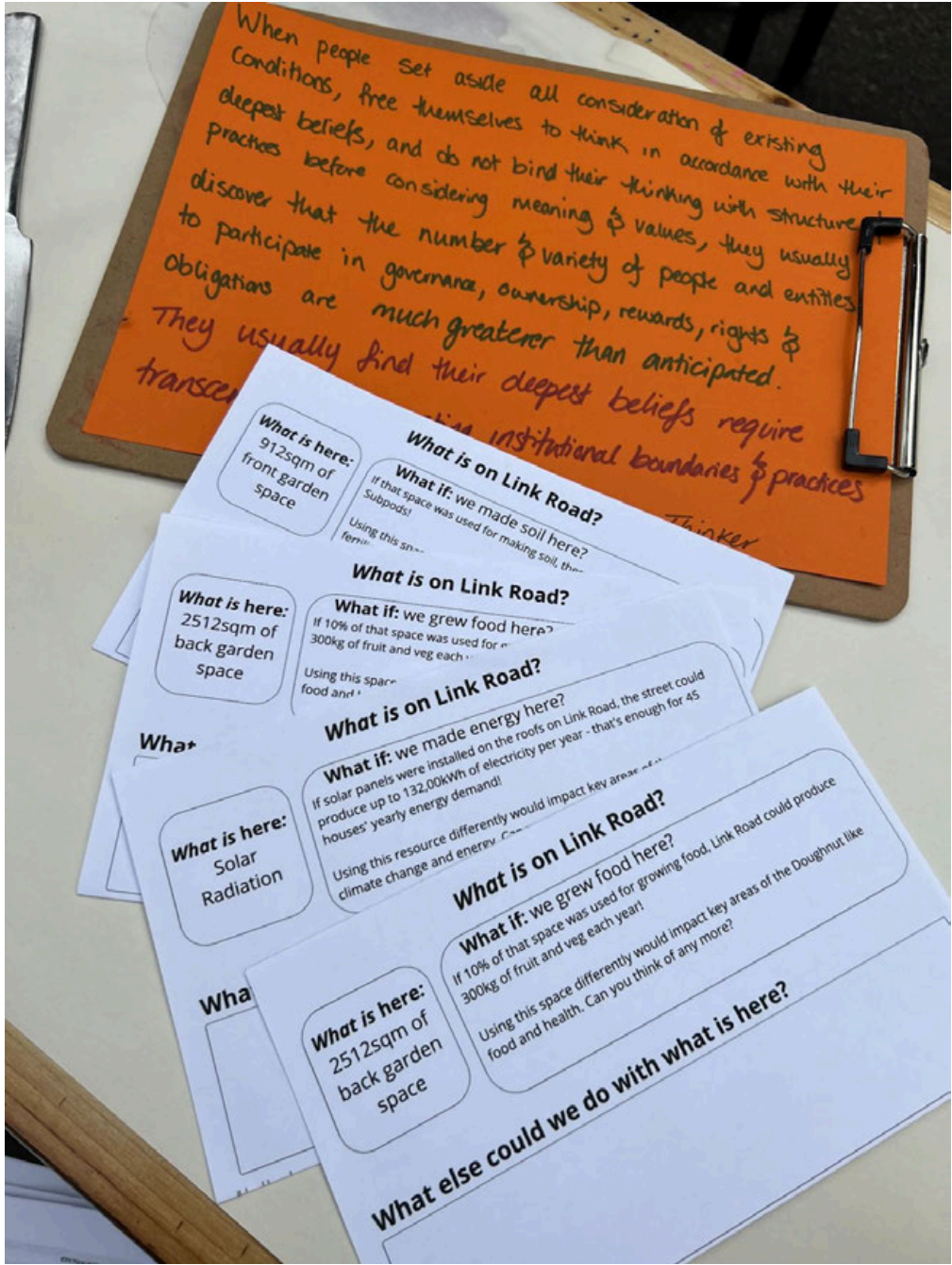
Unlocking the inspirational, imaginative and vibrant possibilities for regenerative futures beyond the immediate challenges and single point solutions that our current systems privilege, and opening up and designing for radical possibilities.

/ Homes, Streets + Neighbourhoods as Systems

Organising as interconnected ecosystems, with partners, across challenges, opportunities, outcomes, portfolios, rather than isolated discrete projects and solutions.

Liability Holders For Housing-Related Cascading Risks







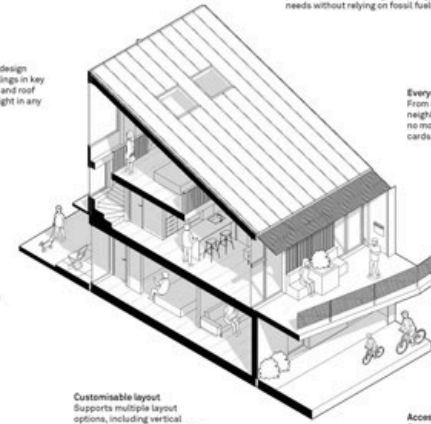


Designed for community living

The house type brings together many of the lessons we've learned about how to build homes that work. It is compact, flexible and economical – but at the same time the design is bright, generous and designed with user needs in mind, even down to small details.

Sun & daylight
The mezzanine level design creates spacious ceilings in key areas. High windows and roof lights maximise daylight in any orientation.

Easy to adapt and maintain
Owners can fix into any wall, anywhere.



Zero-carbon
Largely timber construction means the building sequesters more CO₂ than it takes to build. Solar PV generation provides all the heating and energy needs without relying on fossil fuels.

Everyday details
From seats for chatting with neighbours, to a dropbox – so no more 'sorry we missed you' cards.

Customisable layout
Supports multiple layout options, including vertical townhouse, three-bed detached, or loft-style living.

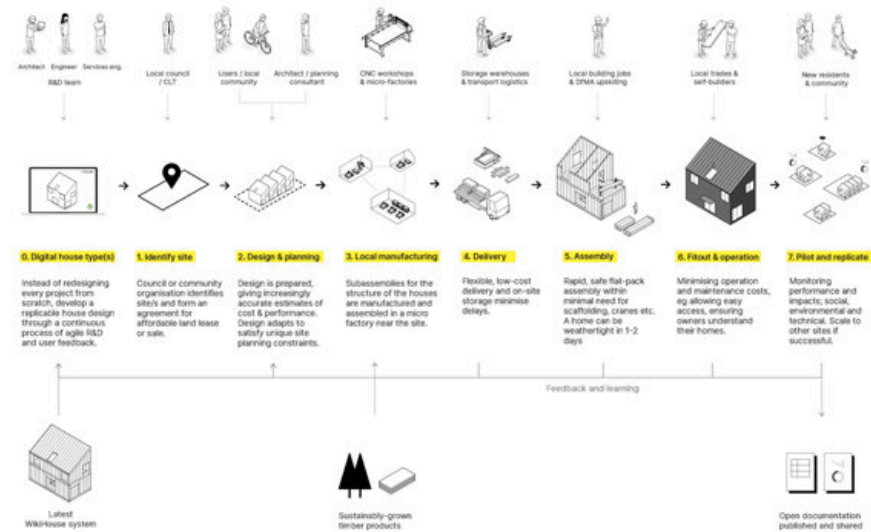
Accessible & friendly
Supports accessible living on ground floor and first level access creates an elevated 'street' for connecting with neighbours.

Test location

Within the larger site, Architecture 00 have tested a co-living scheme of 15 units. The aspiration being to layout a logic for the first dwellings that could then be replicated across the site linking the communal facilities into a new 'community cluster'. Taking advantage of the existing retaining walls, the design seeks to create unique communal facilities that float over the canal and create key visual links for residents and security to the canal route.



Local supply chain for zero carbon homes



↻ CIVIC SQUARE Retweeted



Charlie Edmonds @... · 06/06/2022 ...

This week @CIVIC_SQUARE we hosted a series of sessions on our neighbourhood retrofit work.

Alongside neighbours, we discussed the need to improve the built environment through a street-based collective approach, facilitated by hyperlocal governance and civic infrastructure.



just another tree hugger and 3 others



↻ 13

❤️ 62



CIVIC SQUARE @CI... · 05/06/2022 ...

We loved trialling a What Is → What If card game for the street together, looking at data points for Link Road such as how much open space there is, how much roof space there is, asking what if Link Road was its own power station? What if Link Road composted all of its own food?



CIVIC SQUARE and 8 others

💬 1

↻ 4

❤️ 7







