

Re-prioritising health in urban development decision-making to prevent non-communicable disease

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| Submission date 26/02/2021 | Recruitment status No longer recruiting | <input type="checkbox"/> Prospectively registered <input checked="" type="checkbox"/> Protocol |
| Registration date 30/03/2021 | Overall study status Ongoing | <input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results |
| Last Edited 02/09/2025 | Condition category Other | <input type="checkbox"/> Individual participant data <input checked="" type="checkbox"/> Record updated in last year |

Plain English summary of protocol

Background and study aims

There is a large amount of evidence that links our urban environments with non-communicable disease (NCD, e.g. heart disease, mental health, diabetes). Alongside this evidence, there are more and more people who are diagnosed with some sort of NCD. We are trying to use the existing evidence of the impact of the quality of urban environments on health, to change the way decisions are made at the early stages of urban development. Eventually, we hope these changes to the decision-making process will make our communities healthier, by decreasing the number of people who have NCDs.

Our research aims to firstly map out the decision-making system for creating urban developments. We then plan to work with decision-makers to identify where changes could be made to prioritise health in urban developments. Alongside this, we are working to develop a way to calculate the monetary cost of the effect of the urban environment on health and who foots this bill (e.g. employers, NHS, individuals). We are also working with members of the public to find creative ways to tell decision-makers how living in a poor-quality urban environment has an impact on individuals' health.

Who can participate?

The research includes working with professionals who work in urban development and members of the public.

What does the study involve?

We will work with study participants to identify how health is currently considered when making urban development decisions. We will use the information to map out the current decision-making system. We will then work with professionals in the field to identify potential points where we can influence and change the decision-making system to make long-term health a priority. Participants will be interviewed and/or invited to take part in focus groups/workshops. Each interview is expected to last around 1 hour, participants will take part in 2-3 interviews over the 5-year research programme. Focus groups/workshops are expected to last 2-4 hours (timings will depend on topics covered and the number of participants).

What are the possible benefits and risks of participating?

We do not anticipate any risks from participating in the research. Participants may benefit from knowing that their contribution could improve our urban environments to increase the health and well-being of society in the future.

Where is the study run from?

The study is a consortium of 5 universities: University of Bristol (lead), University of Bath, University of Manchester, University of Reading, University of the West of England (UK)

When is the study starting and how long is it expected to run for?

October 2019 to September 2025

Who is funding the study?

National Institute for Health Research (NIHR) (UK)

UK Prevention Research Partnership

Who is the main contact?

Dr David Williams, truud-research@bristol.ac.uk

Study website

<https://www.truud.ac.uk>

Contact information

Type(s)

Scientific

Contact name

Dr David Williams

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Additional identifiers

EudraCT/CTIS number

Nil known

IRAS number

ClinicalTrials.gov number

Nil known

Secondary identifying numbers

Study information

Scientific Title

TRUUD: Tackling Root Causes Upstream of Unhealthy Urban Development

Acronym

TRUUD

Study objectives

Providing evidence to key decision-makers of health outcomes using economic valuation, alongside understanding of potential barriers and solutions, can lead to changes in policy and practice that may lead to substantial decreases in the incidence of non-communicable disease linked to urban planning, development and management in the future.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Approved 09/09/2020, University of Bristol Faculty of Health REC (First Floor South, Senate House, Tyndall Avenue, Bristol, BS8 1TH, UK; +44 (0)117 331 8197; Liam.McKervey@bristol.ac.uk), ref: 94162

Study design

Non-randomized; Both; Design type: Prevention, Complex Intervention, Qualitative

Primary study design

Observational

Secondary study design

Epidemiological study

Study setting(s)

Built environment/local authority, Community

Study type(s)

Prevention

Participant information sheet

Not available in web format, please use the contact details to request a patient information sheet

Health condition(s) or problem(s) studied

Public Health

Interventions

Participants will be interviewed and/or invited to take part in focus groups/workshops. They will be asked about the decision-making systems for urban developments. For participants in focus groups/workshops, there will also be an opportunity for participants to discuss and debate

information provided by other participants and/or the research team. Each interview is expected to last around 1 hour, participants will take part in 2-3 interviews over the 5-year research programme. Focus groups/workshops are expected to last 2-4 hours (timings will depend on topics covered and number of participants).

In addition, there are embedded researchers in two local authorities, who will be conducting participant-observer research through working within local authority teams and attending relevant meetings. For this work, participation will be on an opt-out basis.

Intervention Type

Other

Primary outcome measure

Interviews and focus groups/workshops conducted at 3 time points over 5 years will be used to gather data in 3 phases:

Phase One:

1. Systems map providing detail on the system of decision making by actors who operate upstream
2. Key areas for intervention in this system, using a qualitative multi-method design including participant co-production
3. Contextual factors of importance in case studies, using a participant-observer approach

Phase Two:

4. Set of interventions, designed specifically for intervention points identified in Phase One, using a qualitative multi-method design including participant co-production
5. Efficacy of interventions, using qualitative multi-method design including participant co-production

Phase Three:

6. Revised interventions, using qualitative multi-method design including participant co-production
7. Efficacy of interventions in short term, using qualitative multi-method design including participant co-production

Secondary outcome measures

There are no secondary outcome measures.

Overall study start date

01/10/2019

Completion date

30/09/2025

Eligibility

Key inclusion criteria

1. Professionals in the field of urban development with influence:
 - 1.1. Formal position
 - 1.2. Part of the process in which relevant decisions are being made
 - 1.3. Causation/ centrality to the decision making process upstream
2. Individuals who have an understanding of the system

Participant type(s)

Other

Age group

Adult

Sex

Both

Target number of participants

200

Key exclusion criteria

Individuals deemed to be mid- or downstream actors

Date of first enrolment

20/04/2020

Date of final enrolment

30/05/2025

Locations

Countries of recruitment

England

Scotland

United Kingdom

Study participating centre

University of Bristol

Bristol Medical School

1-5 Whiteladies Road

Bristol

United Kingdom

BS8 1NU

Study participating centre

University of Bath

Claverton Down

Bath

United Kingdom

BA2 7AY

Study participating centre

University of Manchester
Oxford Rd
Manchester
United Kingdom
M13 9PL

Study participating centre
University of Reading
Reading
United Kingdom
RG6 6BZ

Study participating centre
University of West of England
Coldharbour Ln
Bristol
United Kingdom
BS16 1QY

Study participating centre
University of Stirling
Stirling Campus
Stirling
United Kingdom
FK9 4LA

Sponsor information

Organisation
University of Bristol

Sponsor details
1 Cathedral Square
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BS1 5DD
+44 (0)117 3940177
research-governance@bristol.ac.uk

Sponsor type

University/education

Website

<http://bristol.ac.uk/>

ROR

<https://ror.org/0524sp257>

Funder(s)

Funder type

Government

Funder Name

NIHR Central Commissioning Facility (CCF); Grant Codes: MR/S037586/1

Funder Name

National Institute for Health Research (NIHR) (UK)

Alternative Name(s)

National Institute for Health Research, NIHR Research, NIHRresearch, NIHR - National Institute for Health Research, NIHR (The National Institute for Health and Care Research), NIHR

Funding Body Type

Government organisation

Funding Body Subtype

National government

Location

United Kingdom

Funder Name

UK Prevention Research Partnership

Results and Publications

Publication and dissemination plan

Planned publication in a high-impact peer-reviewed journal.

Intention to publish date

30/09/2026

Individual participant data (IPD) sharing plan

The datasets generated during and/or analysed during the current study are available from the corresponding author on reasonable request.

IPD sharing plan summary

Available on request

Study outputs

| Output type | Details | Date created | Date added | Peer reviewed? | Patient-facing? |
|------------------------------------|--|--------------|------------|----------------|-----------------|
| Protocol article | | 10/02/2021 | 15/03/2021 | Yes | No |
| Other publications | Development and optimisation of intervention | 26/04/2025 | 28/04/2025 | Yes | No |