agenda

how does the system work?
broad research questions
outcome metrics
participation insights – first 3 months
moving forward
enabling participatory everyday activities

in the life of residents of Barking & Dagenham
in order to be able to assess the impact of the project
we need to understand how the EOED system works
understanding the system

the Borough
understanding the system

support system (EOED platform)
understanding the system

early adopters
(e.g. festival participants)
understanding the system
early adopters
connections to local organizations
understanding the system
project initiators
understanding the system

more people start participating in new and ongoing projects (lower threshold)
understanding the system
creating stronger relationships / network expansion
understanding the system

- people
- projects
- everyone everyday platform
- relationships / network structure
- local organizations
- our overall network
- the borough
research & evaluation questions
research & evaluation questions

- EOED model
- participation impact
research & evaluation questions

RQ01  Given the existence of the EOED support platform, is it easier for people to participate? Which factors make the threshold to participation lower?

RQ02  What are the direct and collective outcomes of high levels of practical participation?

RQ03  What are the essential elements of the project that are needed for replication elsewhere (universal elements) and which are particular to LBBD (contextual elements)?
research & evaluation questions

RQ01  Given the existence of the EOED support platform, is it easier for people to participate? Which factors make the threshold to participation lower?

RQ02  What are the direct and collective outcomes of high levels of practical participation?

RQ03  What are the essential elements of the project that are needed for replication elsewhere (universal elements) and which are particular to LBBD (contextual elements)?
what is the direct & collective impact of participation?

what are our outcome metrics?
education & employment
10 indicators

community cohesion & collective action
14 indicators

environment clean & green
16 indicators

mental & physical health
8 indicators

resilience

metrics overview & breakdown
PROJECT’S MEASURABLE OUTCOMES

<table>
<thead>
<tr>
<th>ID</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDEM.ie.01</td>
<td># of hours residents taking part in learning activity with neighbours to build skills and confidence</td>
</tr>
<tr>
<td>EDEM.ie.02</td>
<td># of all participants in teaching and learning with neighbours annually (participating in learning programmes)</td>
</tr>
<tr>
<td>EDEM.ie.02a</td>
<td># of people taking part in project development workshops (% of EDEM.ie.02)</td>
</tr>
<tr>
<td>EDEM.ie.02b</td>
<td># of people taking part in accelerator programmes (% of EDEM.ie.02)</td>
</tr>
<tr>
<td>EDEM.ie.02c</td>
<td># of people initiating their own local projects (% of EDEM.ie.02)</td>
</tr>
<tr>
<td>CCCA.co.01</td>
<td># of instances of people participating and coproducing in project activities with their neighbors (doing social cohesion)</td>
</tr>
<tr>
<td>CCCA.co.01a</td>
<td># of instance of people participating in Community meal sharing (% of CCCA.co.01)</td>
</tr>
<tr>
<td>CCCA.co.01b</td>
<td># of local neighborhood projects co-produced with neighbors which improve everyday life in the borough</td>
</tr>
<tr>
<td>ENGC.ac.01</td>
<td># of functional spaces in the neighborhood that are accessible for public use (e.g. schools, cafes etc.)</td>
</tr>
<tr>
<td>ENGC.ac.02</td>
<td># of square meters of public land under community cultivation for gardens or play (reclaimed productive space)</td>
</tr>
<tr>
<td>ENGC.es.02</td>
<td># of items shared (through projects)</td>
</tr>
<tr>
<td>ENGC.es.03</td>
<td># of items repaired (through projects)</td>
</tr>
<tr>
<td>ENGC.es.04</td>
<td># of meals bulk cooked (through projects)</td>
</tr>
<tr>
<td>ENGC.es.04a</td>
<td># of baby meals bulk cooked (through projects)</td>
</tr>
<tr>
<td>ENGC.es.06</td>
<td># of tons of food grown locally</td>
</tr>
<tr>
<td>ENGC.es.08</td>
<td>Zero carbon journeys</td>
</tr>
</tbody>
</table>
SOCIAL NETWORK ANALYSIS

metrics overview & breakdown

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCAA.co.02</td>
<td>Increase in bridging social networks to build diverse collaborative projects</td>
</tr>
<tr>
<td>CCAA.co.03</td>
<td>Perceived trust in neighbours</td>
</tr>
<tr>
<td>CCAA.co.03</td>
<td>Community capacity to start new projects using existing local opportunities and resources</td>
</tr>
<tr>
<td>CCAA.co.04</td>
<td>Community capacity to respond collectively to social, environmental problems</td>
</tr>
<tr>
<td>NPHE.me.04</td>
<td>New friendships and support network</td>
</tr>
</tbody>
</table>

connections
homophily
network closure
propinquity
distributions
bridges
centrality
density
segmentation
cohesion
clustering
BOROUGH LEVEL CHANGE

- CCCA.co.03: Reduction in hate crime in the borough
- CCCA.co.02: # of people voting in local elections in the Borough
- ENGC.es.05: Recycling
- ENGC.es.07: Buying locally
- ENGC.es.08: Use of renewable energy

BOROUGH’S PHYSICAL CHANGES

- ENGC.cp.01: Visible improvement in the appearance of the borough

BOROUGH PERCEPTION

- CCCA.co.03: Perceived sense of friendliness & neighborliness
- CCCA.co.02: Perceived community capacity to start new projects using existing local opportunities and resources
- CCCA.co.05: Perceived capacity of people to make collective decisions as a community
- CCCA.es.01: Perceived feeling of safety
- ENGC.cp.02: Perceived satisfaction living in the area
- ENGC.cp.03: Perceived people’s sense of pride and ownership over shared public spaces
- ENGC.cp.04: Perceived effectiveness and vibrancy of Sitting and Dagenham borough
# Social Progress Index - Barking & Dagenham (DRAFT)

**23rd October 2017**

## Basic Human Needs
- Nutrition and Basic Medical Care
  - Infant mortality
  - Premature mortality
  - Death rates
  - "a day" on a usual day (adults)
  - Distance to GP/surgery
  - Food banks

## Water and Sanitation
- Overcrowding
  - Food hygiene
  - Pest Control
  - Drinking water

## Shelter
- Housing affordability
- Non-decent homes
- Homelessness
- Temporary Accommodation
- Housing Benefit

## Personal Safety
- KS1 - road traffic accidents
- Crime rate
- Domestic abuse
- Domestic violence with injury
- Serious youth violence
- Gangs
- Knife crime—young people

## Health and Wellness
- Obesity - Reception Year
- Obesity - Year 6
- Excess weight in adults
- Male life expectancy
- Female life expectancy
- Mental health - independence
- Anti-social prescribing
- Suicide
- Self harm
- Emergency hospital admissions

## Environmental Quality
- Recycling
- Air pollution - PM10
- Air pollution - NO2
- Open space
- Fly-tipping
- Noise

## Access to Basic Knowledge
- Key Stage 2 attainment
- Free School Meals - KS2 gap
- Key Stage 4 attainment
- Free School Meals - KS4 gap
- Outstanding/good schools
- Persistent absences

## Access to Info and Communications
- Never used internet
- Library visits
- Registered library users
- Broadband speed
- My Account

## Opportunity
- Personal Rights
  - Home ownership
  - Confidence in policing
  - Voter registration
  - Voter turnout

- Personal Freedom and Choice
  - NEET (16 to 18 year olds)
  - Teenage pregnancy
  - Youth unemployment
  - Transport Accessibility
  - Pension Credit
  - JSA claimants > 12 months

- Tolerance and Inclusion
  - Volunteering
  - Community cohesion
  - Racist hate crime
  - Disability hate crime
  - Faith hate crime
  - Sexual orientation hate crime
  - Learning disabilities - living independently
  - Learning disabilities - in employment

- Access to Advanced Education
  - Sustained education after Key Stage 4
  - Higher education after Key Stage 5
  - Apprenticeships

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*The Social Progress Index adaptation for the Borough of Barking & Dagenham is realized by the LBBD Council’s Insights Hub (2017)*
understanding the starting point

the borough today

<table>
<thead>
<tr>
<th>9th</th>
<th>Most deprived local authority in 2013 England on Multiple Deprivation Index (ranked 20th in 2010)</th>
</tr>
</thead>
<tbody>
<tr>
<td>55</td>
<td>Female healthy life expectancy - London average is 64.</td>
</tr>
<tr>
<td>60</td>
<td>Male healthy life expectancy - London average is 64.</td>
</tr>
<tr>
<td>50.5%</td>
<td>Non-white British population - grown from 15% in 2001. London average increase 27%</td>
</tr>
<tr>
<td>51%</td>
<td>of residents feel safe in their local area after dark. National average is 80%.</td>
</tr>
</tbody>
</table>

| 27% | of population is under 16. Highest in the UK. UK average is 18%. |
| 1 in 3 | children live in income deprived households. |
| 14% | lone parents with dependant children - highest in England. |
| 2.29 | 5th highest fertility rate in England (2014). |
| 24% | of residents volunteered in the last 12 months. National average is 42%. |
| 6.5% | of young people aged 18-24 claim Job Seekers Allowance. London average is 3.6%. |

| 11% | of residents have no qualifications. UK average is 9%. |
| 7.8% | unemployment rate. UK average is 5%. |
| 66% | employment rate. London average is 74%. |
| 31% | of employed residents earn below London living wage. London average is 3.6%. |
| 51% | of residents think that using or dealing drugs is a problem. National average is 24%. |
| 28% | of older people live in income deprived households. |

| 10 | (per 1,000 households) Homelessness acceptances. London average is 3. |
| 21 | (per 1,000 rented households) Landlord possession orders. London average is 15. |
| 28% | council rented property. London average is 9%. |
| 953kg | of waste produced by each household annually. London average is 3.6%. |
| No1 | Voted most unhappy place to live 2 years in a row. Rightmove survey of 24,000 people. |
| 14% | four to five-year-olds are considered obese. This is highest rate in the UK. |
data collection & first insights
from the first 3 months of operation
FESTIVAL OF EVERYONE

410 people

42 festival events

2 shops

150 signed up
since the festival

316 residents
since th
RESIDENTS BY ASSOCIATED SHOP
since the festival

average visitors per day

Before Launch

Recurring

New

Before Launch

Recurring

New
since the festival
since the festival

residents' areas of interest
current progress

STREET BALL.

BIG LUNCH

LIGHT ROOM

Sunflower Street

POP-UP WORKSHOP

DIY FILM FESTIVAL

COMPOSTING

STORY BOX

PINS & NEEDLES

COMMUNITY SINGS

SONGS FROM ACROSS THE WORLD

BEE SCHOOL

co-op

residents' new ideas
moving forward

data collection & analysis
Data collection & analysis

- Individual stories - people (qualitative data)
- Individual stories - projects (qual & quant data)
- Borough perception (surveys)
- Social network analysis
- Direct outcomes & quantitative metrics

- Occasional participants
- Dedicated participants
- Project & business initiators
data collection & analysis

- name
- contact info (email, phone number, fb)
- post code
- Type of first interaction
- level & frequency of participation
- project ideas & areas of interest
data collection & analysis

developing the digital platform
thank you!

questions?