

# Sprint Notes November 2021

Progress updates from the past four weeks, and our ambitions for the coming month



# Recognising our data champions

## Be Part Of The Equation November event



November saw the final Be Part Of The Equation event for 2021, concluding our data profession network activities for the year.

The event brought together more than 50 data peers throughout Essex to *Understand Our Population Through The Data Available Around Us*.

### Getting to know “Health Data”

Keith Ellis, Head of Business Intelligence, NHS North East Essex CCG demystified “health data” for us all, by delivering a presentation that has huge potential to inspire how we work together across Essex public services.

Data from patient health and adult social care records can help us to improve individual care, speed up diagnosis, plan local services and research new treatments. By providing data colleagues from across Essex public services with a detailed understanding of the types of health data available within different health organisations we have grown our collective understanding and the opportunity to identify where we can join data to achieve shared outcomes for people living in Essex.

### Why Segment?

The profile of segmentation as a technique is rising as it helps us to group together similar data and create more meaningful insight. Stephen Simpkin, Data Science Fellow, ECC, explained the principles of segmentation to the BPOTE audience, exploring which models might be appropriate for which tasks. Georgia Dyer Population Health Management Analyst shared the segmentation model that she uses in her role at the Mid and South Essex Health and Care Partnership.

[A video recording of the event is available here.](#)

## Essex data network builds momentum



A huge thank you to ecda’s Duncan Taylor who joined the team three months ago to advance a capability programme for Essex. During his time with the team Duncan has delivered a great range of Show and Share and BPOTE events for the data network.

With Duncan’s leadership the BPOTE network has grown by more than a third, with over 150 data colleagues now joining together through the network events.

We are looking forward to Duncan’s plans for extending the network in 2022.

## National recognition for Essex expertise

Stephen Simpkin, Data Science Fellow for Essex County Council and a member of the Essex Centre for Data Analytics team has been shortlisted for the Professor Sir Ian Diamond Excellence Award 2021, within the Analysis In Government Awards.



“It was incredible to be nominated, but to be shortlisted is overwhelmingly exciting,” says Stephen. “This is an award for talking about analytics, and the most pleasing element in the last year has been that the things I have been talking about are now dominated by our own team’s projects to improve outcomes for people rather than these seemingly out-of-reach use cases from the private sector or academia.”

Best of luck to Stephen, who is already considered a champion within Essex for his tireless efforts to inspire and develop colleagues, grow the analysis function across the public sector and deliver data projects that lead to better outcomes for the citizen.

\* **Glossary available at the end of this slide deck.**

**Data,  
People,  
Action**

# Programme Activity



The Head of ecda gave a presentation at the Health and Wellbeing board setting out ecda's objectives and describing recent and current projects. The presentation was well received. There has been a subsequent discussion with the incoming head of data and digital for the mid and south Essex Integrated Care System.

We have continued work on developing an evaluation policy for ecda projects. Evaluation will be developed at an early stage of all projects and will proportionate to the project. So, higher risk projects will have a deeper and more independent evaluation than lower risk or simpler projects.

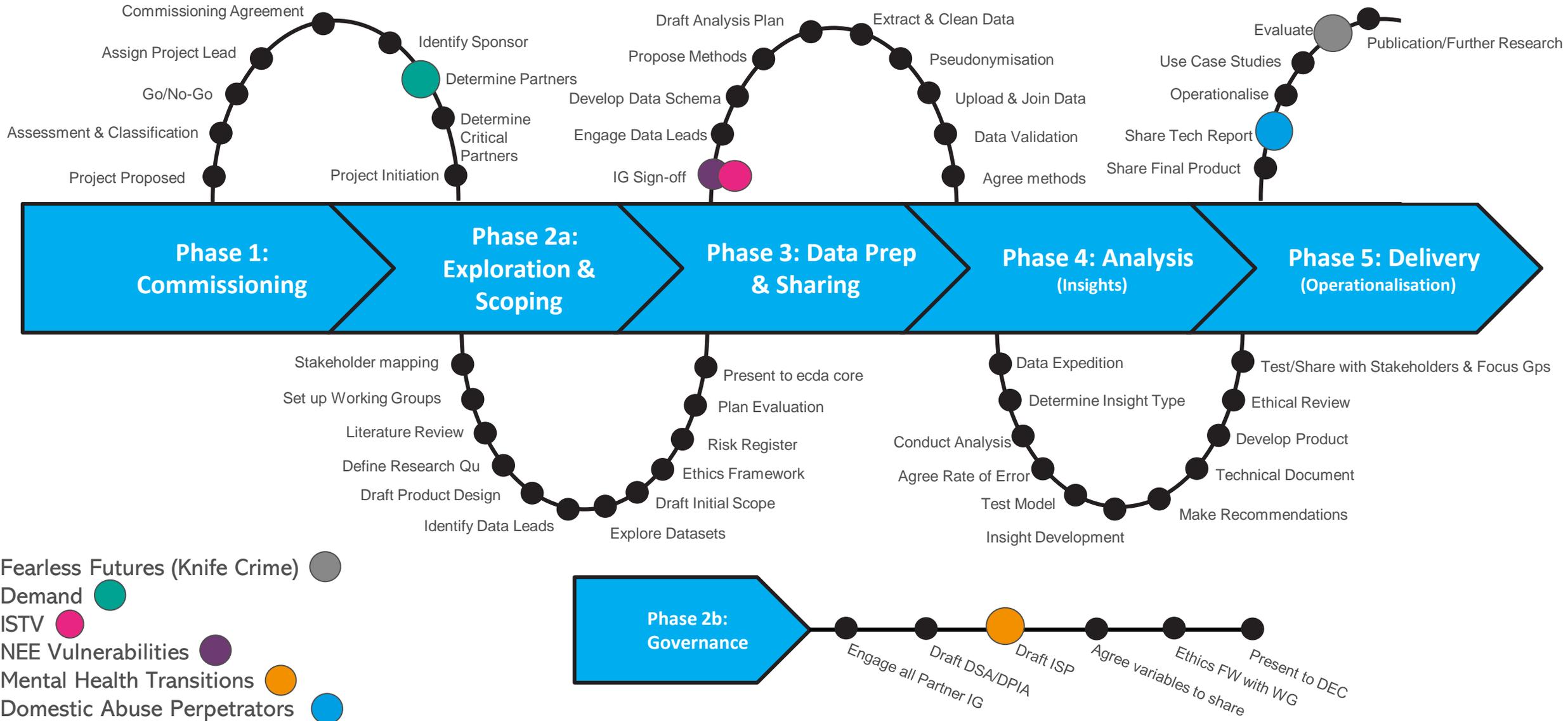
We have extended our existing contract with data platform provider for a further year as allowed within the original contract. We have begun considering our platform requirements going forward and will be engaging with the market in the new year.

We continue to work on the future strategy of ecda. We are considering what "best in class" looks like for an office of data analytics by reviewing good practice in the different operational domains. This thinking will inform discussion with our sponsors in the new year.

December will be a quiet month for ecda but with a focus on work to support our future strategy.

# Project Updates

# Project Lifecycle





Information sharing between Police and health partners to tackle violence

## What did we do in this sprint?

The project scope and Ethical Framework was considered by the DEC, and positive feedback was received from the committee.

1 of 5 partners have now signed the ISP.

Partners met with Cloudwick to understand the onboarding process and resolve any outstanding queries.

## What's up next?

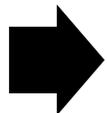
The remaining 4 partners will need to sign the ISP

## What do we need?

We need to understand where there may be any issues with partners sharing data, and what we can do to alleviate concerns.

We need to assign a new project lead when Zenith moves on.

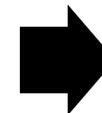
Commissioning  
Jan 21 – Apr 21



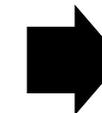
Exploration &  
Scoping (2b  
Governance)  
Apr 21 - present



Data Prep & Sharing



Analysis & Insights



Delivery

# Domestic Abuse

Sponsor:

Jane Gardner

Analysts: Vicki Robbins, Dan Youngman, Eleanor Parker,  
Wahideh Achbari, Emily Moss, Ana Dutu, Sophie Cook



To identify and support perpetrators of Domestic Abuse

## What did we do this sprint?

The Methods paper has been completed and will now need to be submitted for review by the Methodology Group.

## What's up next?

The Methodology Group will need to meet again to discuss the methods paper, and for the group and delivery leads to provide feedback on content and the process of production

## What do we need?

We need the Methodology Group to agree a final template for methods papers going forward.

Monitor insight to action with commissioners and identify opportunities to capture case studies

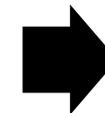
Commissioning  
Aug 20 – Sept 20



Exploration & Scoping  
Oct 20 – Feb 21



Data Prep & Sharing  
Feb 21 – Apr 21



Analysis & Insights  
May 21- Jul 21



Delivery  
Jul 21-present

# Mental Health (Transitions)

Sponsor:  
Moira McGrath  
Analysts:  
Tricia Smith



“ How could we achieve better outcomes through taking an all-age approach to mental health? ”

## What did we do this sprint?

We have proposed different data sharing solutions to ensure a sufficient enough match rate to address the research questions

## What's up next?

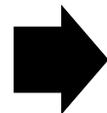
We need to agree with partners how to progress agreeing a process for data security and sharing

## What do we need?

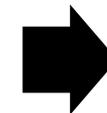
Commissioning  
Apr 21 – July 21



Exploration & Scoping  
(2b Governance)  
Jul 21 - present



Data Prep & Sharing



Analysis & Insights



Delivery

# NEE Vulnerabilities

**Sponsor:**  
Lianne Jongepier  
**Analysts:**  
Elizabeth Wiley



“ How can we create a holistic view of vulnerabilities that exist for the residents in North East Essex? ”

## What did we do this sprint?

Engagement continues between partners and Cloudwick to further the application to share the data required to address the research questions

## What's up next?

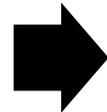
ECC and NEE CCG will begin some initial LSOA-level mapping to try to identify patterns in vulnerabilities from the data held currently

## What do we need?

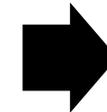
Commissioning  
Oct 20 – Jan 21



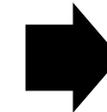
Exploration & Scoping  
(Governance)  
Jun 21 – Oct 21



Data Prep & Sharing  
Oct 21 - present



Analysis & Insights



Delivery

# ecda Communications & Engagement

Clare McLean



## What did we do this sprint?

### Capability:

- Brought together more than 50 data professionals from across Essex public services for the Be Part Of The Equation networking event, that took place on 23 Nov; Understanding our population through the data around us – focus on health data.
- Published three blogs, supporting analysts to create data visualisations in R.
- Drafted a new strategy for developing ecda's data profession network for delivery in 2022.
- Engaged with peers in Ioti, Surrey ODA, Barnet Council, and Richmond and Wandsworth Councils to compare strategic development and share lessons learned.

### Data Ecosystem:

- Case study from one of the citizens on the Data Ethics Committee, following their participation in the 3rd November meeting.

### Data Projects:

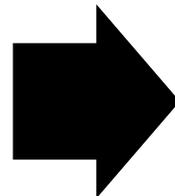
- Created a new process and toolkit to support ecda colleagues to identify opportunities to communicate their work to widest possible audience

## What's up next?

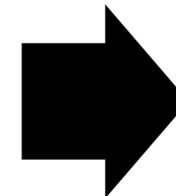
## What do we need?

- Confirmation from Head of ecda of allocation of resource for Open Data project, and pipeline of projects, so that citizen recruitment can begin
- Insight generated on Perpetrators of Domestic Abuse has been adopted by the Perpetrator Commissioning Group headed up by the OPFCC. The use of the insight will now be monitored with this group monthly and reported on to demonstrate impact.

Delivering Data Projects that improve outcomes for people of Essex



Building capability



Creating a data ecosystem

## Some of our past work...



### Domestic Abuse

“To identify and support perpetrators of Domestic Abuse”

Delivered August 2021

### Mental Health Crisis

“To identify at an earlier stage Essex residents at risk of a mental health crisis to prevent a crisis occurring”

Delivered March 2021

### Societal Impact (2)

“Forecasting in impact of COVID-19 on mental health services”

Delivered March 2021

### Homelessness

“To predict people who may be at increased risk of presenting as statutory homeless in Essex”

Closed March 2021

### Societal Impact (1)

“Forecasting the impact of COVID-19 on child abuse”

Delivered October 2020

### Physical Inactivity

“To identify communities that are at particular risk of escalating levels of inactivity and intervening with community solutions”

Delivered Sept 2020

For more information regarding the ecda programme please contact [ecda@essex.gov.uk](mailto:ecda@essex.gov.uk)

Be part of the equation

DATA + PEOPLE + ACTION } ecda

# Glossary



## Organisations/Boards

Abbreviation	In full
DEC	Data Ethics Committee
ECC	Essex County Council
EPUT	Essex Partnership University Trust
EWMHS	Emotional Wellbeing & Mental Health Service
ONS	Office for National Statistics
OPFCC	Office of Police, Fire & Crime Commissioner
NEE CCG	North east Essex Clinical Commissioning Group
NELFT	North East London NHS Foundation Trust
SELEP	South East Local Enterprise Partnership
SETDAB	Southend Essex Thurrock Domestic Abuse Board

## Projects

Abbreviation	In full
ISTV	Information Sharing to Tackle Violence
NEE	North East Essex

## Other

Abbreviation	In full
BPOTE	Be Part of the Equation – Essex Analyst network
IG	Information Governance
SFTP	Secure File Transfer Protocol