



Doncaster Council

Report

Date: 22/09/2021

To the Chair and Members of the CABINET

Public Health research programme – Born and Bred in (BaBI) e cohorts (data acceleration project).

Relevant Cabinet Member(s)	Wards Affected	Key Decision
Cllr Nigel Ball Lead Member for Public Health, Leisure, Culture and Planning	ALL	Yes
Cllr Lani-Mae Ball Lead Member for Education, Skills and Young People		

EXECUTIVE SUMMARY

1. The Public Health team within Doncaster Council led a consortium of partners to apply to the Ministry of Housing, Communities and Local Government (MCHLG) Local Data Accelerator Fund for Children and Families. This application entitled 'Born and Bred e-cohorts: creating a network of local intelligence tools from linked local data' was successful.
2. The purpose of this report is to set out details of the reward and recommend that Cabinet agree to draw down the Grant.
3. For Doncaster, this builds on recent work to develop Born and Bred in Doncaster (BaBi D) which has been supported by the National Institute for Health Research Academic Research Collaboration's work programme to establish Born and Bred e-cohorts.
4. Application to the MCHLG fund aimed to accelerate this work and Doncaster Council acted as strategic lead and accountable body for the successful application. The award is for £810,363 over 21 months beginning September

2021. The BaBi e-cohort partnership consists of Doncaster Council, Wakefield Council, Leeds Academic Health Partnership, University of York, Born in Bradford, NIHR Applied Research Collaboration (ARC) Yorkshire and Humber, Leeds Teaching Hospitals, Mid Yorks Hospital Trust, Doncaster and Bassetlaw Teaching Hospital.

5. The funding from MHCLG is for a period of 21 months with the aim of accelerating progress on establishing the e cohorts and sharing learning between sites. Locally, the Born and Bred in Doncaster programme will continue beyond this enhanced funding period. Consent is recorded in the electronic patient record, providing an efficient, cost-effective method to invite all pregnant women to join the cohort. This report is not exempt.

RECOMMENDATIONS

6. Cabinet agree to accept the grant and that Doncaster Council act as accountable body to administer the full award of £810,363.

WHAT DOES THIS MEAN FOR THE CITIZENS OF DONCASTER?

7. This grant will enable progress on the local born and bred in Doncaster research programme (Babi-D) which aims to help to improve the health and wellbeing of children and families across Doncaster. The programme will have a strong focus on health inequalities and inclusion. Recruiting to a Doncaster birth cohort will help us track the health and wellbeing of children born in Doncaster. All pregnant women will be offered the opportunity to take part in this study.
8. Families who join the cohort give informed consent for their data to be used. The health of these children can be tracked from pregnancy through childhood and into adult life. Midwives gain consent from women during routine appointments to link broad ranging routine data about themselves and their baby over time and for future contact for research. Studying children from before birth is a powerful way of understanding the many influences that shape our lives.
9. The data provided from this work will help the partnership in gaining a better understanding of what local families want and need from services across the borough, ensuring locally commissioned services are inclusive, and for consideration of additional research for further understanding and improvement for our local population.

BACKGROUND

10. Babi-D (outlined above) is part of a larger cohort study (Babi e-cohort) which includes Bradford, Leeds, and Wakefield supported by the National Institute for Health Research Applied Research Collaboration and builds on the world leading Born in Bradford cohort study (<https://borninbradford.nhs.uk/>).
11. The Babi e-cohort ambition is to make use of linked data as a local intelligence tool to shape services, policy and practice for children and families and support local case management.

12. The successful data accelerator project has 4 objectives:
- Establishing data linkage processes in each new Babi site to make use of the data at a local level;
 - Establishing a network of e-cohorts to develop skills and methods for linking and using data;
 - Conducting priority setting activities to ensure data is being used to best effect;
 - Creation of a toolkit to allow the model to be replicated in other sites.

OPTIONS CONSIDERED

13. The only option considered was to accept the grant.

REASONS FOR RECOMMENDED OPTION

14. Recommendation that the Grant is accepted to enable accelerated progress on the local Babi D research programme within the broader Babi cohorts.

IMPACT ON THE COUNCIL'S KEY OUTCOMES

- 15.

Outcomes	Implications
<p>Doncaster Working: Our vision is for more people to be able to pursue their ambitions through work that gives them and Doncaster a brighter and prosperous future;</p> <ul style="list-style-type: none"> • Better access to good fulfilling work • Doncaster businesses are supported to flourish • Inward Investment 	
<p>Doncaster Living: Our vision is for Doncaster's people to live in a borough that is vibrant and full of opportunity, where people enjoy spending time;</p> <ul style="list-style-type: none"> • The town centres are the beating heart of Doncaster • More people can live in a good quality, affordable home • Healthy and Vibrant Communities through Physical Activity and Sport • Everyone takes responsibility for keeping Doncaster Clean • Building on our cultural, artistic and sporting heritage 	

<p>Doncaster Learning: Our vision is for learning that prepares all children, young people and adults for a life that is fulfilling;</p> <ul style="list-style-type: none"> • Every child has life-changing learning experiences within and beyond school • Many more great teachers work in Doncaster Schools that are good or better • Learning in Doncaster prepares young people for the world of work 	<p>Studying children from before birth is a powerful way of understanding the many influences that shape our lives.</p>
<p>Doncaster Caring: Our vision is for a borough that cares together for its most vulnerable residents;</p> <ul style="list-style-type: none"> • Children have the best start in life • Vulnerable families and individuals have support from someone they trust • Older people can live well and independently in their own homes 	<p>Families who join the cohort give informed consent for their data to be used. The health of these children can be tracked from pregnancy through childhood and into adult life. Studying children from before birth is a powerful way of understanding the many influences that shape our lives.</p> <p>The data provided from this work will help the partnership in gaining a better understanding of what local families want and need from services across the borough, ensuring locally commissioned services are inclusive, and for consideration of additional research for further understanding and improvement for our local population.</p>
<p>Connected Council:</p> <ul style="list-style-type: none"> • A modern, efficient and flexible workforce • Modern, accessible customer interactions • Operating within our resources and delivering value for money • A co-ordinated, whole person, whole life focus on the needs and aspirations of residents 	<p>Learning from the following objectives will contribute to the Connected Council vision:</p> <ul style="list-style-type: none"> • establishing data linkage processes in each new Babi site to make use of the data at a local level • establishing a network of e-cohorts to develop skills and methods for linking and using data;

<ul style="list-style-type: none"> • Building community resilience and self-reliance by connecting community assets and strengths • Working with our partners and residents to provide effective leadership and governance 	
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RISKS AND ASSUMPTIONS

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Risk	Mitigation
Fail to recruit skills required	Ensure level of roles are appropriate Advertise early and target accordingly
Data controllers do not agree to share data	Engage with all parties early Build on existing DSAs where possible Be clear on legal basis for sharing data
Data delivery is delayed	Start discussions with data providers early
Partners are not engaged in the project	Ensure leadership in each partner organisation at application stage Regular meetings to monitor progress Escalate issues quickly through agreed governance
Prioritisation workshops do not reflect breadth of service/not well attended	Circulate dates well in advance Identify service leads to advocate Monitor sign up and target under represented areas Carry out additional work with under-represented areas
e-cohort recruitment is delayed	Continue with data sharing and linking work using dummy data to prepare the system

LEGAL IMPLICATIONS [Officer Initials NJD Date: 25th August 2021]

17. Section 1 of the Localism Act 2011 gives the Council a general power of competence to do anything that individuals may generally do.
18. Section 111 of the Local Government Act 1972 gives the Council the power to purchase goods and services.
19. Section 2B of the National Health Service Act 2006 (as amended by Section 12 of the Health and Social Care Act 2012) introduced a duty on Councils to take appropriate steps to improve the health of the people who live in their area.

20. As Lead Authority for the Consortium, Doncaster Council has entered into a funding agreement with Ministry of Housing, Communities and Local Government (MCHLG) regarding receipt of the funding for and on behalf of the consortium members.
21. A Data Protection Impact Assessment will need to be completed and all parties to the consortium must agree on Data Compliance issues.
22. A legally binding Consortium Agreement will be signed by each of the consortium members to document the relationship.

FINANCIAL IMPLICATIONS [Officer Initials HR Date: 25th August 2021]

23. Doncaster Council has been successful in its bid for funding from MCHLG for the Local Data Accelerator Fund for Children and Families £810,363. Doncaster Council will act as lead for the consortium, legal agreements will need to be put in place before pass porting funding across the partnership. The grant is specifically for revenue spend outlined in the table below with staffing costs being spread across the partnership and over a 21 month period.

	2021-22	2022-23
Staffing	£324,278	£463,190
Training	£10,000	£5,000
Equipment, Data Storage	£6,695	£0
Community engagement	1,200	£0
Total funding	£342,173	£468,190

24. The Council have not yet received the memorandum of understanding (MoU) or the terms and conditions of the grant, therefore these will need to be checked to ensure all conditions can be met prior to entering into the final agreement. The funding and grant determination is expected in September 2022, therefore the treatment of carrying forward any grant into 2022/23 will need to be considered once the relevant documents have been issued by MCHLG.
25. As per Financial Procedure rule E.9 grant acceptance is subject to key decision rules, it is therefore one of the recommendations that subject to the grant being awarded the approval is covered in this report.

HUMAN RESOURCES IMPLICATIONS [Officer Initials: EL Date: 25th August 2021]

26. There are no specific Human Resource implications stated within this Report. However, I am aware that some of the funding may be allocated to staffing, therefore any staffing resources must be coordinated through Human Resources and established and recruited to in line with the relevant policies and procedures.

TECHNOLOGY IMPLICATIONS [Officer Initials...PW/NR...Date...02/09/21]

27. Any technology requirements relating to this successful bid for Local Data Accelerator funding are not known at this stage and as such, the technology implications cannot be quantified at this time. Any technology requirements to support this work should be discussed with Digital & ICT at the earliest opportunity and where applicable, a report will be needed for consideration by the Technology Governance Board (TGB). Full technology implications will then be provided as part of that process. It is assumed that the Council's existing Business Intelligence platform (PowerBI) and existing Children's systems (e.g. DIPS) will be in scope and require integration. A Data Protection Impact Assessment (DPIA) and relevant data sharing agreements will be needed – colleagues in the Information Governance Team in Legal Services will be able to advise in relation to this.
28. We suspect that there will be a requirement to model how the data will be captured and reported. This will potentially encompass strategies around ensuring data quality is correct, record matching is done accurately, and unique identifiers are used (e.g. NHS number). This could be a substantial piece of work requiring extensive resource and skills and it is unclear where these roles and responsibilities could possibly sit.

HEALTH IMPLICATIONS [Officer Initials SH Date: 23rd August 2021]

29. Research active organisations are known to deliver both more effective knowledge based services and higher levels of satisfaction on the part of citizens using these services. This Born and Bred e-cohort research programme is based on the world leading Born in Bradford study. BiB aimed to develop understanding of the influences on health and provide insight for policy and practice (https://borninbradford.nhs.uk/wp-content/uploads/Key-Findings_FINAL_Designed.pdf). Acceptance of the data accelerator grant will enable greater progress to be made within BaBi D and the associated e-cohorts.

EQUALITY IMPLICATIONS [Officer Initials SH Date: 23rd August 2021]

30. The programme will have a strong focus on health inequalities and inclusion. Additionally, Doncaster Council is working with the National Institute for Health Research to pilot their new equality framework and the intention is to use the BaBi D research programme as the case study.

CONSULTATION

31. A key objective of the application is **Conducting priority setting activities to ensure data is being used to best effect**. These will include multiagency activities and local citizens to discuss and identify priorities that could be addressed using linked data. In doing this, a pipeline of projects can be

identified to ensure that data are being used to full potential on matters of the greatest importance and urgency to each local area.

BACKGROUND PAPERS

32. Not applicable

GLOSSARY OF ACRONYMS AND ABBREVIATIONS

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