



DIGITAL HEALTH + CARE

A GoBio Bioeconomy Opportunity Report

Report Aims:

1. Define the digital health + care opportunity
2. Outline challenges and trends relating to digital health + care
3. Map researchers and businesses associated with this opportunity in Norfolk and Suffolk
4. List available sources of funding and other support

WWW.GOBIO.UK

WWW.INNOVATIONNEWANGLIA.COM

WWW.HETHELINNOVATION.COM



About Innovation New Anglia

Innovation New Anglia is an innovation-led business support programme operating throughout Norfolk & Suffolk. Through a range of tools such as online support, a collaborative learning platform, innovation grants & emerging sector networks, the program aims to help entrepreneurs & researchers' start-up businesses, and for SMEs to harness their innovation potential.

For more information on the project please visit: www.innovationnewanglia.com

About ERDF

The Innovation New Anglia programme is part financed by the England European Regional Development Fund, as part of the European Structural and Investment Funds Growth Programme 2014-2020. The Department for Communities and Local Government is the Managing Authority for ERDF. Established by the European Union, ERDF funds help local areas stimulate their economic development by investing in projects which will support innovation, business, create jobs and local community regeneration.

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We welcome feedback on the issues raised by this study and comments should be sent to: ahunter@hethelinnovation.com

About the Authors



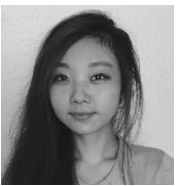
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In his position at Innovation New Anglia Aaron works with bioeconomy organisations across private and public sectors to develop new products and services and otherwise improve their capacity for innovation.



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BIOECONOMY DEVELOPMENT ASSOCIATE

Melissa graduated in 2015 with a BSc in Medical Biochemistry from the University of Leicester. Since then, she has worked at Carbosynth Ltd, a carbohydrate, nucleoside and fine chemicals specialist company, and is now taking her PhD in the Department of Chemistry at UEA.

Through her internship position at Hethel innovation, Melissa has worked closely with Aaron to develop resources that will support the development of our regional bioeconomy.

Contents

About Innovation New Anglia.....	1
About ERDF	1
About the Authors.....	2
What is Digital Health + Care?	1
Challenges, opportunities and trends.....	2
Global	2
National	3
Sector innovation map	5
Digital Health + Care in Norfolk and Suffolk	6
Research Institutions.....	6
Businesses	9
Funding landscape.....	10
Private investment.....	10
Private/Public Funding.....	11
Public Funding	12
References.....	14
Appendix 1. Digital Health + Care researchers in the East of England	15
Appendix 2. Digital Health + Care businesses in the East of England.....	16
Further reading	18

What is Digital Health and Care?

TECHNOLOGY HAS CHANGED THE WAY WE LIVE, WORK AND INTERACT, AND NOW ROBOTICS, CONNECTED DEVICES AND SOFTWARE INNOVATION TOGETHER PROMISE TO HAVE A TRANSFORMATIVE IMPACT ON HEALTH AND CARE.

As the challenge set by an ageing population with complex conditions continues to grow, new opportunities for digital innovation in health and care will emerge in the following areas:



ASSISTIVE TECHNOLOGIES

Assistive technologies include mobility and task support at home, in the workplace and in public. With more than two billion people worldwide requiring assistive technologies by 2050, successful new products and services in this market will have global potential.



SENSORS + DIAGNOSTICS

Sensors can now be integrated into almost every health and care environment: wearable sensors can be built into garments and bedding, while implantable or ingestible sensors can be used to monitor long-term conditions like diabetes, epilepsy and cardiovascular disease.



SMART DRUG DELIVERY

Alongside sensor applications, implantable and ingestible technologies will be used to deliver drugs over a longer period than current one-dose solutions – avoiding the need for complex medicines management and reducing the risk of incorrect dosing.



TELECARE + DIGITAL THERAPIES

Internet-connected devices are already enabling patients and those requiring care to connect remotely with their doctors, carers and families. The ubiquity of mobile technologies today is also making digital platforms for self-management of conditions a reality.



ONLINE COMMUNITIES

Along with the social network giants, specific peer-to-peer support networks are enabling patients and care receivers to communicate with others and even carry out grassroots research.



HEALTH RECORDS + BIG DATA

New technology platforms like blockchain and machine learning are promising to improve the security and predictive potential of health and care data.

Challenges, opportunities and trends

Increasing interest and investment in digital health and care products and services is being driven by a number of large-scale trends, challenges and opportunities:

Global

AGE-RELATED DISEASE

By 2030, the number of people aged 60 and above is projected to be 1.4 billion, nearly **17% of the world's total population**. Non-communicable diseases are the leading cause of deaths globally with older people disproportionately affected¹. As an increasing number of those older people will also have access to digital technologies, digital health and care solutions will become more and more appealing as a means to reduce costs and improve quality of care.



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BIG DATA TOOLS + INFRASTRUCTURE

The digitisation of health and social care processes and records around the world represents a unique opportunity to use the growing **big data toolkit** to improve outcomes for patients: a relatively local example of the benefit of big data analytics can be seen in NHS Scotland, which adopted electronic health records in 2011 and has subsequently used cutting edge big data analysis techniques to tackle diabetes management, in collaboration with the University of Edinburgh².

An underlying challenge relating to the adoption and diffusion of these big data analytics relates to **interoperability**, which new infrastructural technologies could promise to address. Global attention is currently focused on blockchain and related distributed ledger technologies, but it remains unclear how this type of technology will address some of the main interoperability hurdles, such as the intrinsic complexity of healthcare data and ongoing requirements for verification of user identity³.

¹ **World Health Organisation** (2017) [LINK](#) last accessed 04 February 2018

² **University of Edinburgh** (2017) Tackling diabetes with big data. [LINK](#) accessed 04 February 2018.

³ **Constellation Research** (2016) Blockchain, Healthcare and Bleeding Edge R&D. [LINK](#) accessed 04 February 2018.

National

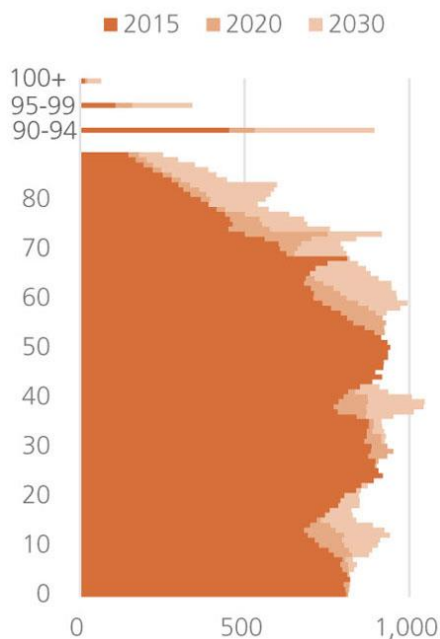


FIGURE 1. AGE STRUCTURE OF UK POPULATION, 2015-2030. SOURCE: COMMONS LIBRARY (2015)

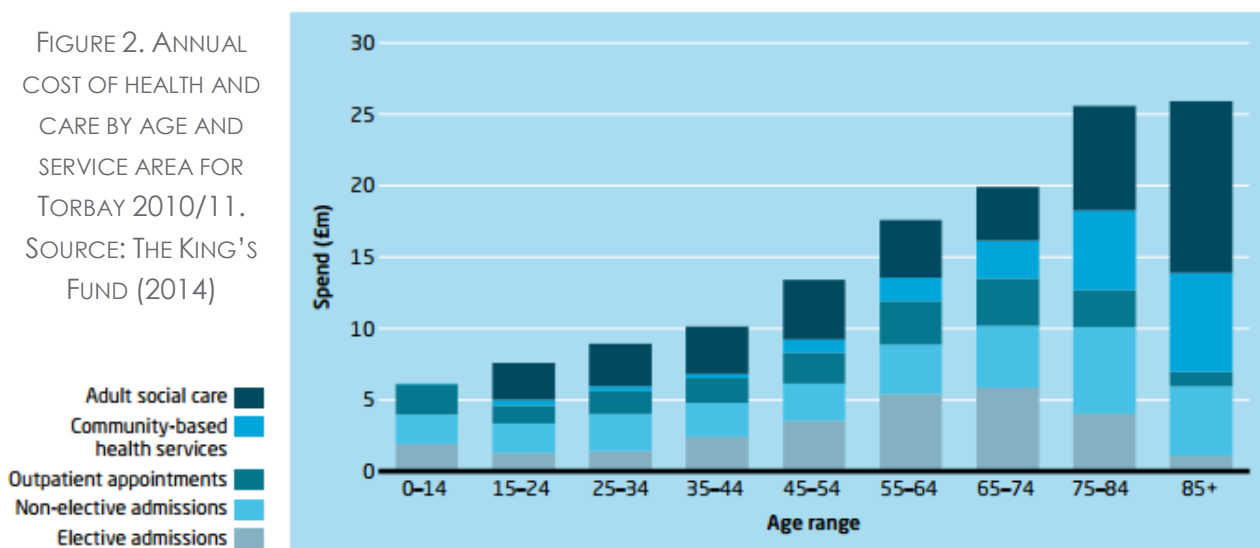
AGEING POPULATION'S HEALTHCARE COSTS

The age structure of the UK population is expected to change dramatically in the next 15 years, with a disproportionate increase in the number of those older than 65 (Figure 1).

While the increases in life expectancy underpinning these changes have been accompanied by an increase in *healthy* life expectancy, those over 65 still require a greater share of the health and care budget than younger people (Figure 2).

This time-bomb in public spending on health will pose one of the greatest challenges for society in the UK and other developed countries; less expensive methods to treat diseases associated with age (using med tech and med biotech) will be an essential part of the response to that challenge.

FIGURE 2. ANNUAL COST OF HEALTH AND CARE BY AGE AND SERVICE AREA FOR TORBAY 2010/11. SOURCE: THE KING'S FUND (2014)



NHS AND SOCIAL CARE FUNDING

While the Government has committed to protect NHS spending, this ring-fencing will result in the smallest increase in spending in 2010-2020 for any decade since the Second World War (Figure 3). When compared to GDP growth, moreover, the ten years until 2020/21 are likely to see the largest sustained fall in NHS spending as a share of GDP in any period since 1951. Combined with other factors such as an ageing population, this is a profound challenge that only technology and innovation can effectively solve.

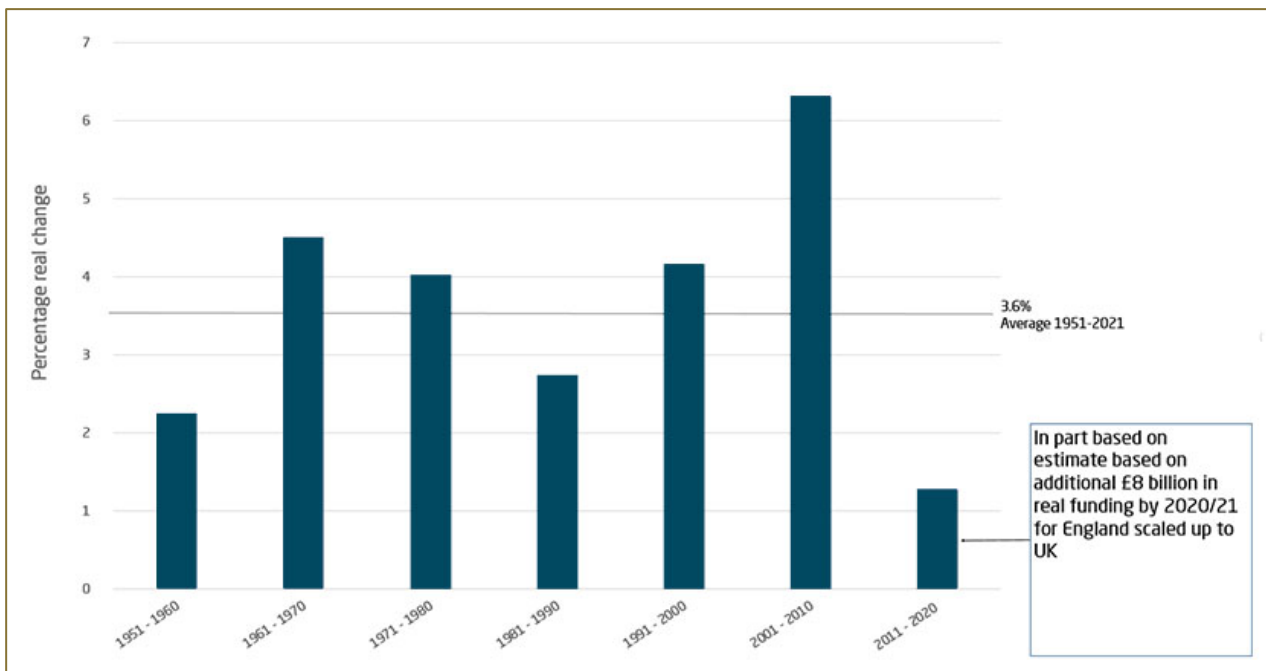


FIGURE 3. ANNUAL AVERAGE CHANGES IN UK NHS SPENDING BY DECADE, 1951 – 2020. SOURCE: THE KING'S FUND (2015).

CYBERSECURITY

As the use of digital health and care technologies continues to rise, one of the key challenges digital health and care providers and regulators will face will be the maintenance of secure records and confidentiality. A recent decision by the Information Commissioner's Office against NHS provider data-sharing with Google DeepMind⁴ highlight the ongoing nature of these difficulties.



NHS INNOVATION PATHWAY



Along with data management, a number of challenges remain for those looking to market their innovations into the NHS: heavy regulation of health and care processes slows down the ability of health providers to adopt new solutions, as well as increasing risks for innovators.

The Accelerated Access Review in late 2016 set out a range of recommendations, including the formation of an Accelerate Access Partnership, identification of strategically important products and greater clinician and patient engagement in the adoption and diffusion of innovation products⁵.

⁴ **BBC News** (2017) Google DeepMind NHS app test broke UK privacy law. [LINK](#) accessed 04 February 2018.

⁵ **HM Government** (2017) Making a reality of the Accelerated Access Review. [LINK](#) accessed 04 February 2018.

Sector innovation map

Based on the challenges, opportunities and trends outlined above, we have created a sector innovation map (Figure 3). Going outwards from the centre of the map are the trends that are driving the opportunity; the areas of research that align with these trends; the potential products which can result from these areas of research; the businesses who could put these technologies into the world; and finally the markets and end users who would make use of the technologies.

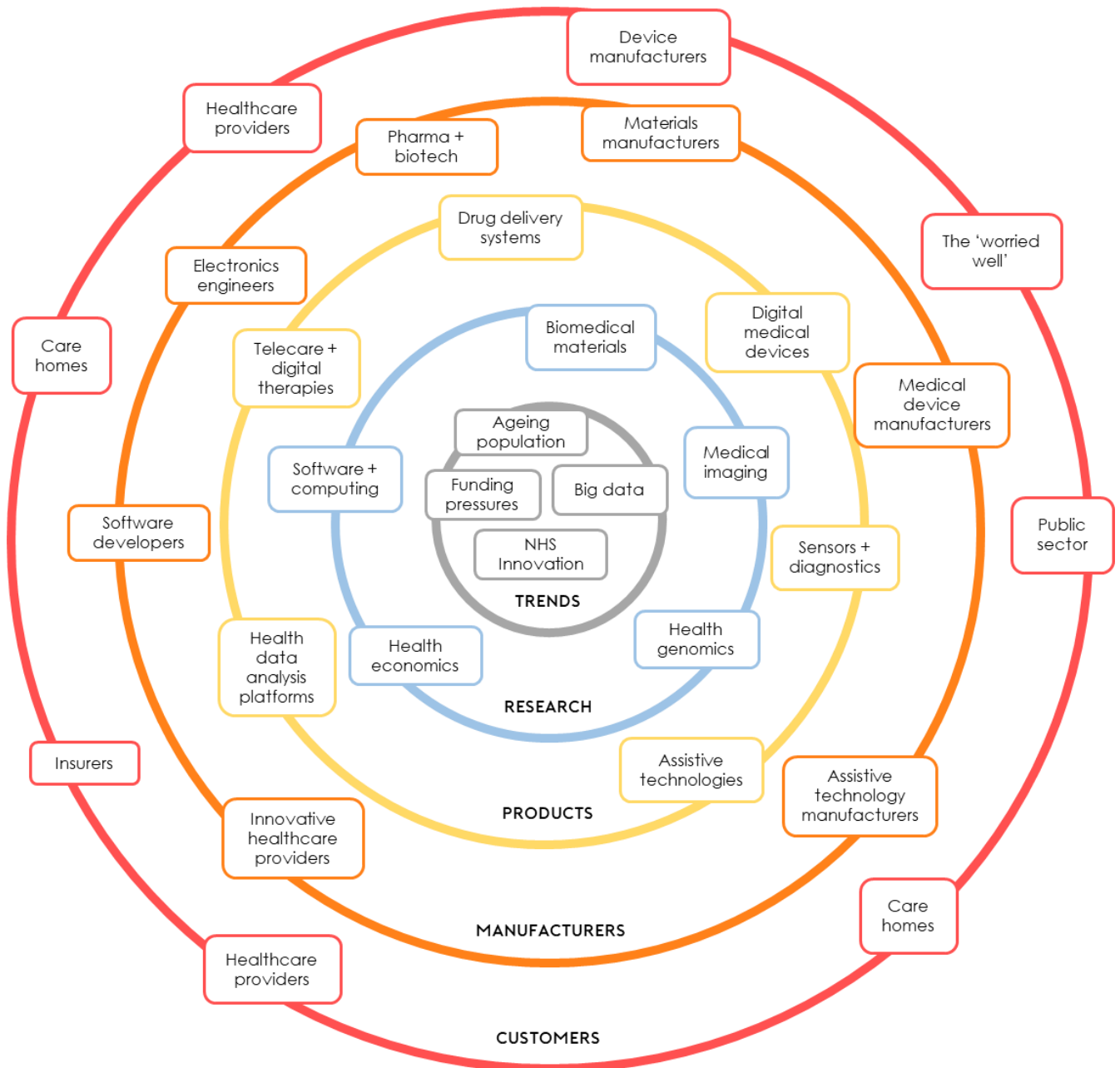


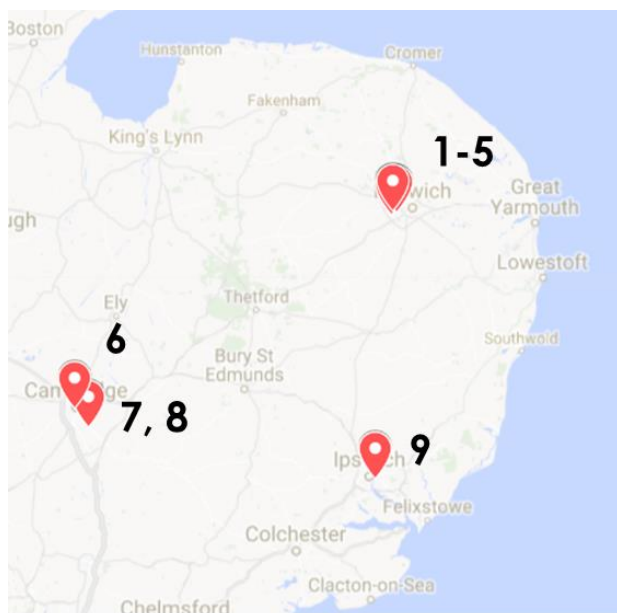
FIGURE 4. DIGITAL HEALTH AND CARE SECTOR INNOVATION MAP, INCLUDING (OUTWARDS FROM CENTRE) KEY TRENDS, AREAS OF RESEARCH, PRODUCT AREAS, PRODUCING AND END-USER BUSINESSES.

Digital Health + Care in Norfolk and Suffolk

Research Institutions

In Norfolk, Suffolk and the wider East of England there are a number of research groups and institutions that are identifying and implementing digital innovation in health and social care.

A selection of these research-focused organisations is shown geographically in Figure 4, and listed in more detail in Table 1. A more detailed list of some of the key researchers can be found in Appendix 1.



KEY

1. *Earlham Institute*
2. *NEAT Centre*
3. *NNUH NHS Foundation Trust*
4. *Quadram Institute*
5. *University of East Anglia*
6. *University of Cambridge*
7. *EAHSN*
8. *Health Enterprise East*
9. *University of Suffolk*

FIGURE 5. DIGITAL HEALTH + CARE RESEARCH INSTITUTIONS IN THE EAST OF ENGLAND.

TABLE 1. DIGITAL HEALTH RESEARCH INSTITUTIONS IN THE EAST OF ENGLAND

 Earlham Institute	<p>Through partnerships with high-performance computing technology leaders, Earlham Institute boasts world class computing and storage infrastructure that allows their researchers to undertake challenging and data intensive research in diverse areas including health.</p>
	<p>The Eastern Academic Health Science Network is one of 15 health networks set up to spread innovation across the healthcare system. They do this by connecting the NHS, academic organisations and the private and public sectors.</p>
 Health Enterprise East Realising Innovation	<p>Health Enterprise East delivers technology advisory services and innovation management to med-tech industry and the NHS. They provide services such as market analysis, stakeholder research and commercial strategy support from their base in Milton, Cambridge.</p>
 <p>Norfolk and Norwich University Hospitals NHS Foundation Trust</p>	<p>The NNUH Foundation Trust is research-focused with excellence in chronic diseases, paediatrics and older people's medicine, advanced imaging and microbiology. They host some nationally significant facilities such as the Norwich Biorepository human tissue bank, and work closely with other partner institutes including the University of East Anglia.</p>
<p>Norwich Electronic Assistive Technology (NEAT) Centre</p>	<p>NEAHome is a unique interactive showcase for the latest and best in Assistive Technology, fitted with both electronic and low-tech AT devices. The demonstration site is fitted with HD video cameras and microphones, so researchers, health practitioners and AT device manufacturers can observe real <i>in situ</i> use of AT.</p>
	<p>The Quadram Institute is a new facility for food, gut and health research, formed as a partnership venture between the University of East Anglia, Norfolk & Norwich University Hospitals and Institute of Food Research. The QI will be based on Norwich Research Park and is expected to open in 2018.</p>
	<p>The University of East Anglia is home to the Norwich Medical School, which specialises in health economics, biomedicine and population medicine; the School of Health Sciences, who specialise in long-term conditions, access to healthcare and community health; and the School of Computing Science which investigates the application of computing techniques to diverse areas including health and medicine.</p>



UNIVERSITY OF
CAMBRIDGE

University of Cambridge has diverse areas of expertise related to healthcare and digital systems, including a dedicated Clinical Informatics group which aims to transform medicine with innovative use of electronic medical records, leveraging the £200m eHospitals project.

<http://www.cam.ac.uk/>



The **University of Suffolk** teaches and carries out research into bioscience and med tech topics including regenerative medicine, covering expertise such as stem cell biology, tissue regeneration and intellectual property and industry.

<http://www.ucs.ac.uk/Courses/PG/RegenerativeMedicine/MScRegenerativeMedicine.aspx>

Businesses

The businesses working in digital health and care and associated fields in Norfolk, Suffolk and the wider East of England include those operating in health and care products, digital start-ups, assistive technologies and medical devices.

A list of the companies associated with digital health and care in the East of England can be found in Appendix 2, and Figure 5 shows those companies on a map of the region.



FIGURE 6. DIGITAL HEALTH + CARE COMPANIES IN THE EAST OF ENGLAND.

Funding landscape

For new and established businesses working in med tech and med biotech, there are a range of regional, national and international funding schemes.

Private investment

Anglia Capital Group

<http://www.angliacapitalgroup.co.uk/home.php>

Formed in the Spring of 2014, Anglia Capital Group is a sister company to Cambridge Capital Group.

Anglia Capital Group is a leading group of business angel investors in Norfolk and Suffolk established to support spinouts, new ventures and growth businesses in exciting new fields such as digital health and care.

Cambridge Capital Group

<http://www.angliacapitalgroup.co.uk/pages/about.php>

Cambridge Capital Group is a leading business angel group of over 70 investors and private venture funds who have been investing in hi-tech businesses and backing technology start-ups in the region since 2001. Members have invested several million pounds in more than 40 live portfolio companies in the Cambridge technology cluster.

Foundation East

<http://www.foundationeast.org/>

Foundation East is a membership organisation that lends money to business owners across the counties of Bedfordshire, Cambridgeshire, Essex, Hertfordshire, Norfolk, Suffolk and neighbouring areas, offering loans up to £100,000 to both start up and growing enterprises.

Private/Public Funding

British Business Bank

<http://british-business-bank.co.uk/>

The British Business Bank is a government-owned business development bank dedicated to making finance markets work better for smaller businesses. Through more than 80 partners the Bank offers a large range of loan and equity finance options for SMEs to grow and scale their businesses.

The FSE Group

<http://www.thefsegroup.com/finance-east>

Finance East is The FSE Group's regional funding organisation for the six counties of the East of England. Since establishment in 2009, it has supported over 100 companies through the Regional Growth Loan Scheme, agreeing more than £13m of loans and leveraging a further £27m of other finance into growth orientated SMEs. Companies supported have created nearly 450 new jobs in the region.

Key Features:

- Loan Amount: £50,000 – £200,000
- Business Location: East of England – Essex, Suffolk, Norfolk, Cambridgeshire, Bedfordshire, Hertfordshire
- Loan Term: Min 2 yrs; Max 5 yrs
- Turnover: Typically, minimum £100,000 per annum

Growing Business Fund

<http://www.newanglia.co.uk/growing-business-fund/>

The New Anglia Local Enterprise Partnership is calling for local businesses wanting to grow and create new jobs to apply for grants through the Growing Business Fund.

The Fund is made up of two programmes: a Small Grant Scheme, for grants between £5,000 and £25,000, and a larger scheme for grants between £25,000 and £500,000.

Medtech Accelerator

<http://www.medtechaccelerator.co.uk/>

The Medtech Accelerator has been set up to facilitate the early stage development of innovations in the broad area of medical technology (devices, diagnostics, software and eHealth) that meet unmet clinical needs within the NHS.

The Accelerator is a joint venture led by Health Enterprise East, and is running several competitions throughout 2018.

Public Funding

Care and Wellbeing Fund

<http://www.careandwellbeingfund.co.uk/>

The Care and Wellbeing fund was launched in 2015 with £12 million of investment from Big Society Capital and Macmillan Cancer Support. The Fund was established to develop and scale community-based services to improve health and wellbeing across the country, particularly for those suffering from long term conditions such as cancer.

The Fund has four key priorities:

- Community based care
- Integrated care
- Better use of informal resources
- Prevention and wellbeing

The Fund is actively looking for impactful, scalable operations run by outstanding social enterprises, with a focus on improving health and wellbeing in the community, particularly those suffering from long-term conditions such as cancer.

Digital Health Catalyst

<https://innovateuk.blog.gov.uk/2017/08/09/can-digital-enable-the-transformation-of-health-and-care/>

The Digital Health Catalyst was announced in 2017 as part of a wider drive by UK Government to encourage the creation and adoption of digital health innovations.

The competition is managed by Innovate UK which over the next 4 years will invest £35 million in projects that develop new digital technology solutions to healthcare challenges.

European Investment Bank (EIB)

<http://www.eib.org/about/index.htm>

The EIB provides finance and expertise for sound and sustainable investment projects which contribute to furthering EU policy objectives. The EIB finances projects in most sectors. Eligible projects contribute to EU economic policy objectives:

- Development of a competitive, innovative and knowledge-based European economy
- Natural and urban environment schemes (water, waste, cleaner air, urban transport etc.)
- Development of small and medium sized enterprises

Horizon 2020

<https://ec.europa.eu/easme/en/horizons-2020-sme-instrument>

The European Commission is looking for small/medium businesses with global ambitions, actively investing in innovation and eager to grow.

The H2020 SME Instrument is designed to support those SMEs with an innovative technology or product who are seeking proof of marketability.

Innovate UK

<https://interact.innovateuk.org/>

Innovate UK provides funding for projects which are led by business. The principal objective of the support is to stimulate R&D and innovation activity, encouraging businesses to develop innovative products, processes and services with future commercial potential.

Nesta

<http://www.nesta.org.uk/>

Nesta is an innovation foundation, operating globally using their knowledge, networks, funding and skills to back new ideas and tackle challenges across various sectors including digital health. They offer support through grant funding, direct investments, or challenge prizes, which includes the Longitude Prize; a £1m prize fund with a theme to solve antimicrobial resistance.

SBRI Healthcare

<http://sbrihealthcare.co.uk/>

The Small Business Research Initiative for Healthcare is an NHS England initiative which aims to promote UK economic growth whilst addressing unmet health needs, and enhancing the take up of known best practice. The organisation regularly posts competitions relating to specific health needs on their website.

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- World Health Organisation** (2017) [LINK](#) last accessed 04 February 2018

Appendix 1. Digital Health + Care researchers in the East of England

Institution	Name	Research area
Earlham Institute	Dr Afzal Chaudhry	Clinical Informatics
	Dr Beatriz De La Iglesia	Healthcare Data Analysis
	Dr Chris Salt	Research Information Management
Quadram Institute	Dr David Heatley	E-health Innovation
University of Cambridge	Dr Felix Naughton	Health Psychology
	Dr Kate Kemsley	Data Analysis and Handling
	Dr Lydia Drumright	Clinical Informatics
University of East Anglia	Dr Mark Fisher	Image Analysis
	Dr Paul Calleja	High-Performance Computing
	Dr Perla Troncoso Rey	Omics Data Integration
	Dr Wafa Al-Jamal	Biomaterials
	Dr Wendy Hardeman	Health Psychology
	Dr Wenjia Wang	Data Mining
	Prof Ruth Hancock	Ageing Population
	Professor Fiona Poland	Social Research Methodology
	Professor Garry Barton	Health Economics
	Professor Jennifer Whitty	Health Economics
	Professor Michael Hornberger	Data Collection + Analysis
	Professor Mohamed Abdel-Maguid	Electronics and Telecommunications
University of Suffolk	Professor Nicholas Caldwell	Information Systems
	Professor Veena Rodrigues	Health Economics
	Timothy Stitt	High-Performance Computing

Appendix 2. Digital Health + Care businesses in the East of England

Name	Type of business	Postcode	Website
42technology	Product Development Consultancy	PE27 4LG	http://www.42technology.com/
AAH Software	Database Management	NR4 7UG	https://aahsoftware.uk/
Ablatus Therapeutics	Medical Device Manufacturing	NR3 1RU	N/A
Activ8rlives	Telehealth	PE27 4AA	http://www.activ8rlives.com/
Advanced Bionics	Assistive Technology	CB22 5LD	https://www.advancedbionics.com/
Anglia DNA	Sequencing	NR10 5FB	www.angliadna.com
Baxter Eealthcare	Medical Device Manufacturing	IP24 3SE	http://www.baxterhealthcare.co.uk/
Bespak Europe	Medical Device Manufacturing	PE30 2JJ	www.bespak.com
Bespoke Software Development	Software Developer	CO10 7HH	www.bespokesoftwaredevelopmentltd.co.uk
Bronkhorst UK	Medical Device Manufacturing	CB8 7TG	http://www.bronkhorst.co.uk/
BT Aadastral Park	Electronics	IP5 3RE	www.atadastral.co.uk
Cambridge Cognition	Telehealth	CB25 9TU	http://www.cambridgecognition.com
Cambridge Consultants	Product Development Consultancy	CB4 0DW	https://www.cambridgeconsultants.com
Cambridge Medical Robotics	Robotics	CB23 7PH	www.cmedrobotics.com/
Cardiocity	Medical Device Manufacturing	CO2 7NN	http://www.cardiocity.com/
Care Careers Suffolk	Care Provider Recruitment	IP6 8RW	http://carecareerssuffolk.co.uk
cascade.bi	Software Developer	NR1 1PY	https://cascade.bi/
Clinical & Biomedical Computing Ltd	Patient Records Management	CB5 8DT	http://www.cbcl.co.uk/
Clinical Computing	Patient Records Management	IP2 8SD	http://www.ccl.com
Cogent Technology	Medical Device Manufacturing	IP12 1PE	www.cogent-technology.co.uk
Collins Care	Assistive Technology	NR3 4QN	www.collinscare.co.uk
Contamac	Medical Device Manufacturing	CB11 3AU	www.contamac.com
Deben Diagnostics	Sensors and Analytics	IP3 9SX	www.debendiagnosics.co.uk
Digibee	Software Developer	IP10 0BJ	https://www.digi-bee.co.uk/
Digital & Future Technologies	Medical Device Manufacturing	CO7 7QR	http://www.digitalandfuturetechnologies.com/
eg Technology	Product Development Consultancy	CB25 9AR	www.egtechnology.co.uk
Felgains Care & Mobility	Assistive Technology	IP1 4JJ	www.felgains.com
GB Innomech Ltd	Machinery Manufacturing	CB6 2HZ	http://www.innomech.co.uk/
GT Vision	Medical Device Manufacturing	CB9 9AF	www.gtvision.co.uk
Hamlin	Sensors and Analytics	NR7 0WG	www.hamlin.com
HD Clinical	Patient Records Management	CM22 7WE	http://www.hd-clinical.com/
Health Economics Consulting	Health Economics	NR4 7TJ	www.healtheconomicsconsulting.co.uk
HealX	Drug Development + AI	CB3 0RN	https://healx.io/
Hyper Pixel	App Development	NR2 1DZ	hyperpixel.co.uk/
iCareHealth UK	Software Developer	CB9 8DD	https://www.icarehealth.co.uk
ieso Digital Health	Digital Therapeutics	CB24 4QG	https://uk.iesohealth.com
Intelligent Fingerprinting	Sensors and Analytics	CB24 9NG	www.intelligentfingerprinting.com
IPRS health	Physiotherapy Services	IP8 4JU	http://www.iprshealth.com
Itto World	Software Development	IP4 1AQ	http://www.itoworld.com

Kamstrup	Sensors and Analytics	CO10 7GB	www.kamstrup.com
Lifeline 24	Wearable Technology	NR8 6QW	https://www.lifeline24.co.uk/
MedEquip	Assistive Technology	IP3 9RR	http://www.medequip-uk.com/
Medical Device Technology Consultants	Product Development Consultancy	IP31 2AP	www.mdtconsultants.co.uk
Medical device usability	Medical Device Manufacturing	CB5 8RE	http://medical-device-usability.com/
Minima	Product Development Consultancy	IP13 9EZ	www.minima.co.uk
Mitra	Product Development Consultancy	IP5 3RE	http://mitrai.com/contact
Multitone	Telehealth	PE30 4HX	http://www.multitone.com/
MyAmego Healthcare	Software Developer	CB7 4JW	www.myamego.com
Naked Element	Software Development	NR1 1NR	http://nakedelement.co.uk
Norfolk and Suffolk Care Support	Care Provider	NR3 1BQ	http://norfolkandsuffolkcaresupport.co.uk
Norfolk Stairlifts	Assistive Technology	NR9 4LF	www.norfolkstairlifts.co.uk
Norwich Electronic Assistive Technology (NEAT) Centre	Assistive Technology	NR4 7TJ	https://www.uea.ac.uk/health-sciences/enterprise/neat
Poppy Nursing	Care Provider	IP3 9FH	http://poppynursing.co.uk/
Portaramp	Assistive Technology	IP24 2RY	www.portaramp.co.uk
Proxama	Proximity Technologies	NR1 3PA	http://www.proxama.com/
Purple Tuesday	Software Developer	NR1 1BY	www.purpletuesday.com
Redd & Whyte	Medical Device Manufacturing	IP32 7GY	www.reddandwhyte.com
Scannerfutures	Medical Device Manufacturing	IP5 3RE	N/A
Sensia	Wearable Technology	CB4 0EY	www.sensia.com
Sequenceanalysis.co.uk	Sequencing	NR4 7UG	www.sequenceanalysis.co.uk
SmartNE	Software Developer	IP5 3RE	http://www.smartne.com/
Soak	Software Developer	NR2 4SF	https://soak.co.uk
Strain Measurement Devices	Sensors and Analytics	IP29 4UQ	www.smdsensors.com
Syne Qua Non	Biometrics	IP22 4GT	https://www.synequanon.com/
Telecare Choice	Wearable Technology	NR20 5BU	https://www.telecarechoice.co.uk/
Teleologic Ltd	Patient Records Management	NR3 1PD	teleologic.co.uk
The Hearing Care Centre	Assistive Technology	IP4 1EG	http://www.hearingcarecentre.co.uk/
Thyngs	Proximity Technologies	NR3 1TN	https://thyngs.net
Wearable Concepts	Wearable Technology	NR4 7TJ	http://wearableconcepts.co.uk/
Wearable Consultants	Wearable Technology	CB4 0WS	http://www.wearableconsultants.com

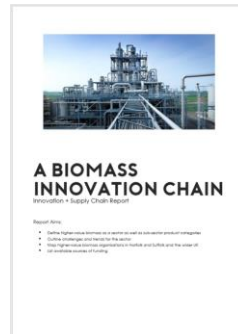
Further reading

This report on Digital Health + Care forms part of GoBio's Opportunity Report series. Covering the full bioeconomy value chain, including health, we're also looking to define the possible roles enabling disciplines such as engineering, biology and tech can play in realising the potential of our bioeconomy assets.

Other reports in the series include:



BIOMANUFACTURING



A BIOMASS INNOVATION CHAIN



ADVANCED BIOMATERIALS



BIOMEDICAL DIAGNOSTICS



MICROBIOME PRODUCTS