

Grand Challenges: Collaborations

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Agenda

- 1) Introduction to Tay Health Tech
- 2) Partners
- 3) Considerations
- 4) Q&A



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Tay Health Tech: a PBIAA (Place Based Impact Accelerator Account)

Place-based



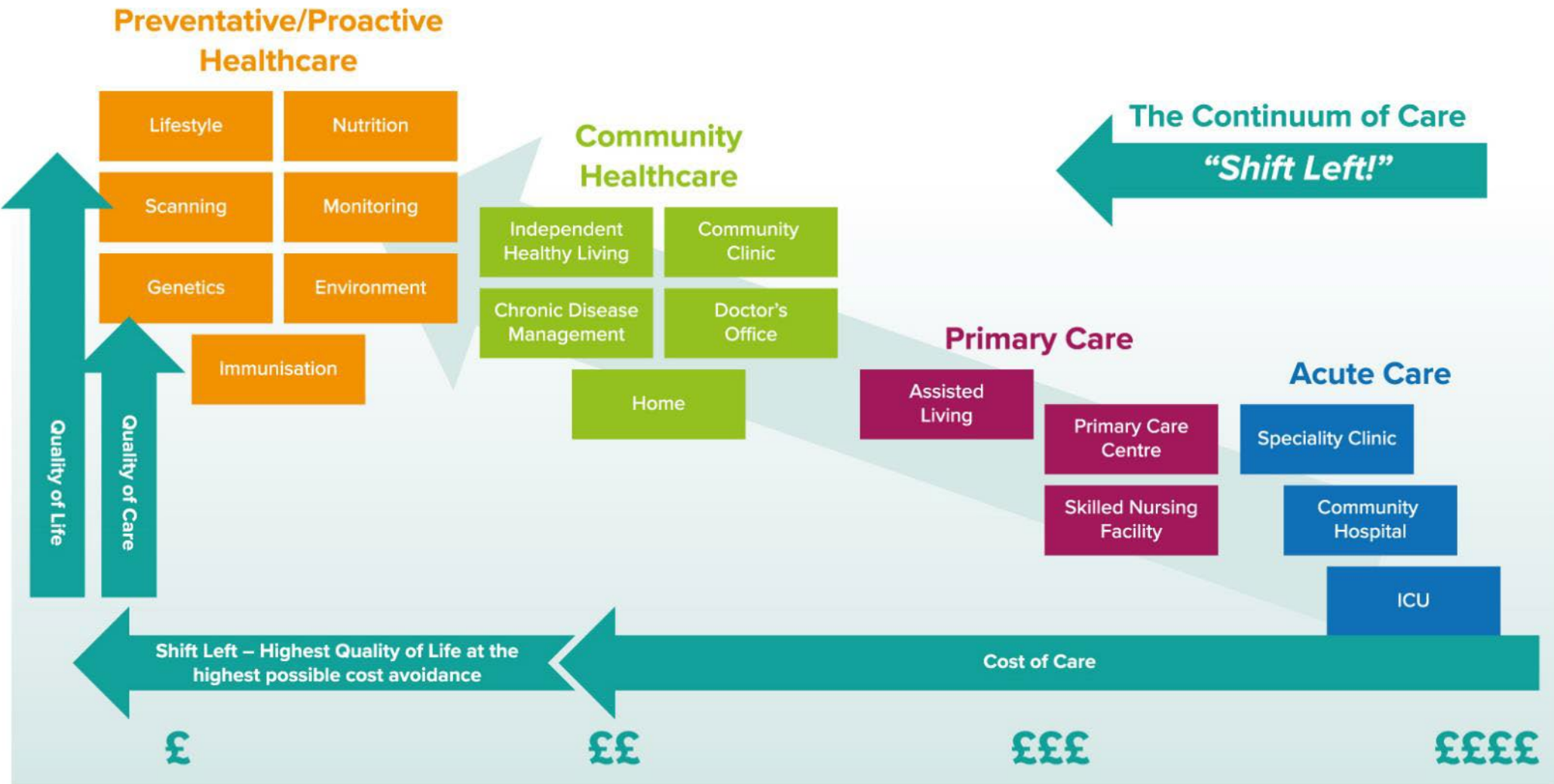
Impact

- Provide funding into the community
- Reduce hospital and GP visits
- Improve patient experience
- Translate **engineering & physical sciences healthcare research** outputs into products, in collaboration with industry

Accelerator

- Improve and spread understanding of regulatory pathway
- Work with existing MedTech companies and products
- Connect people

The problem we're solving



Grand Challenges

- Open to Tay Health Tech consortium only
- One call, £996,000
- Large (up to £175K) and small (up to £50K) projects
- All projects to align to at least one of the four challenges
- Details of challenges in call online



Hospital at Home



Rehabilitation and Prehabilitation



Testing



Prevention and Prognostics

Partners on your project

If there's a gap in your project team, can we help?



Eligible applicants



University
of Dundee



Edinburgh Napier
UNIVERSITY



University
of Glasgow



University of
St Andrews



Strategic Partnerships



NHS Tayside Innovation



What they do

Provide support for innovation that focuses on:

- Idea development
- Testing and developing prototypes
- Evaluation of devices and processes in real life environments

in NHS Tayside

Your considerations

- Time for NHS ethics approvals
- Cost for NHS Legal support – all projects require an agreement
- Clinician workload and responsibilities approval

Contact

Email the team:

Tay.innovation@nhs.scot

NHS 24

What they do

- 24hr urgent care telehealth helpline
- NHS Inform – Online self-care guides
- Online app – find services near you, assess symptoms
- Work with other urgent care services, incl. Police, Fire, Ambulance
- Research

What they can offer

- Data on calls from within Tayside to NHS 24 :
 - Number of calls
 - Age
 - Gender
 - Reason

Contact

Donald Macintyre

Associate Medical Director
(Mental Health), NHS 24

Donald.Macintyre@

nhs24.scot.nhs.uk



Scottish Ambulance Service

Possible areas of focus

- Point-of-care diagnostics
- Products to support triaging
- Remote treatment

What SAS can offer

Evaluation of ideas from Ambulance personnel perspective

Contact

Please contact Tay Health Tech in the first instance,

TayHealthTech@hw.ac.uk



**Scottish
Ambulance
Service**

Taking Care to the Patient



The Scottish Health Research Register and Biobank

What we do

- SHARE is a database of more than 300,000 willing health research volunteers, aged 11 and over in Scotland
- SHARE participants can also give permission for their anonymised blood samples to be stored
- SHARE help streamline the process of health research across Scotland for researchers

What can we offer

- Connecting willing volunteers with researchers for Patient Public Involvement (PPI) and clinical trials
- Free feasibility check to see if SHARE can help your project
- Anonymised health and genomic data accessed through TRE (Trusted Research Environment)

Contact

- For more information or access to research application forms, visit:
www.registerforshare.org
- For any direct enquires contact us by email at:
Studies@registerforshare.org
- Or to speak to a member of the team directly, call:
01382 383235

WWW.REGISTERFORSHARE.ORG



Our Purpose:

To build the strength of the Life Sciences and Healthcare sectors in Dundee and the wider Tayside region internally through:

- partnership working
- networking
- knowledge exchange
- skills development

while promoting and positioning the region to relevant audiences and contributing to Scotland's world class Life Sciences and Healthcare sectors.

Our Offer:

- Marketing and Promotion
- Business Support
- Property Information
- Networking Opportunities
- Sign Posting
- Access to the cluster



RESOURCE

www.biodundee.co.uk

FOLLOW US

 @BioDundee

Considerations

What do you need to consider?



Patient and Public Involvement and Engagement (PPIE)⁺

What do you need to consider?

- Engagement with Stakeholders
- Ethics
- Accessibility
- Outcomes and Evaluation
- Target Audience
- Equality, diversity and inclusion (EDI)
- How to reach them: SHARE

Where to Start?

- Create a Plan with Clear Objectives
- Develop a Timeline and Set Deadlines
- Allocate Resources (Time and Budget)
- Compensation: £25 per hour in vouchers
- Engagement methods: workshops, surveys, focus groups, online community groups (Facebook)

What Can I Offer?

- Experience in PPIE Strategies
- Support: Training, Webinars, and Templates to streamline engagement
- Citizens Assembly

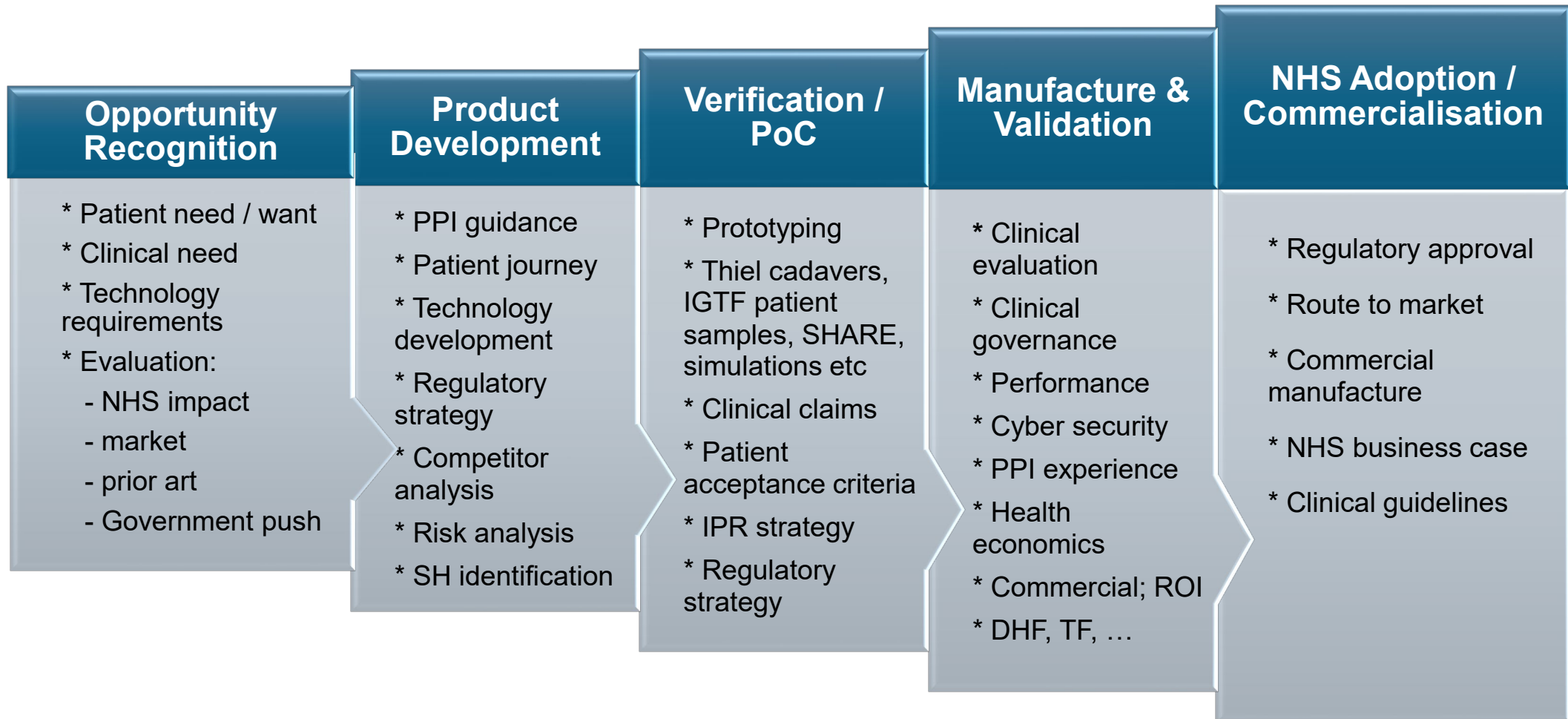
Contact Information:

Amy Connelly

a.connelly@hw.ac.uk

Translation: the aim

Accelerate Translational Impact



Translation: help available

- **End user requirements** (*patient, healthcare staff, NHS*): coordination and management with Tay Health Tech partners, drafting documents
- **Regulatory strategy**: document requirements, intended use, classification, regulatory route to market – short term and long term
- **Clinical evaluation strategy**: coordination with Tayside Medical Science Centre (TASC), NHS, IGTRF, biostatistics (statistical power)
- **Preparing for investment / negotiations with industry / adoption by NHS**: investment business case, NHS business case, route to market, health economics
- **Prototyping**: coordination and management with Medical Device Manufacturing Centre (MDMC - *if required and if eligible – Scottish SME's*)

Intellectual Property



Importance of protecting IP

- Attract investment
- Create assets that can be sold / licensed
- Legal protection against a third party making or selling a copy

THT will help with

- IP strategy:
 - what, where, when, how, budgeting
 - aligning with business plan & market opportunity
 - freedom-to-operate
- Liaising with you and your commercialisation team

Intellectual Property

Importance of protecting IP

Tay Health Tech does not take ownership of IPR, this resides with the project lead's organisation.

They will help identify and protect IPR: patents, design, trademark, ©

- aligning with business plan & market opportunity
- Liaising with you and your IP & commercialisation team

Trusted Research

Assessment of Partner Suitability

- Due Diligence
- Adhere to your organisation's own policies relating to Trusted Research

Regulations

- Is an Export Control license required?
- Check against the 17 Sensitive Areas of the economy in the National Security & Investments Act

Managing Information

- Use your organisation's own trusted platforms for data storage
- Data Sharing Agreement?
- NDA?
- Legal agreement?

Responsible Research & Innovation

AREA Framework: Anticipate, Reflect, Engage, Act

What training does your organisation offer?



<https://bit.ly/3EaYwQi>

Q&A

Use the chat to ask your question, or raise your digital hand

New questions and answers will be added to the FAQs online



Review process



On receipt of application

Tay Health Tech team checks eligibility



17 Feb

List of organisations sent to reviewers to declare Conflict of Interest



20 Feb

Applications sent to multiple reviewers (without applicant and EDI data)



13 Mar

Meeting to discuss applications

- Reviewers introduce their applications to the group
- **Portfolio approach taken**, Project Manager monitors organisations and themes covered



Mid-March

Applicants receive decisions

Mohamed Hassan, Pixabay



Chartered Society of Physiotherapy



Diabetes UK



Next steps

Deadline: 17 February, 1pm

Don't wait, submit early!
Talk to us!



TayHealthTech.org.uk



TayHealthTech@hw.ac.uk



[@TayHealthTech](https://www.linkedin.com/company/TayHealthTech)