Digital Health Capability
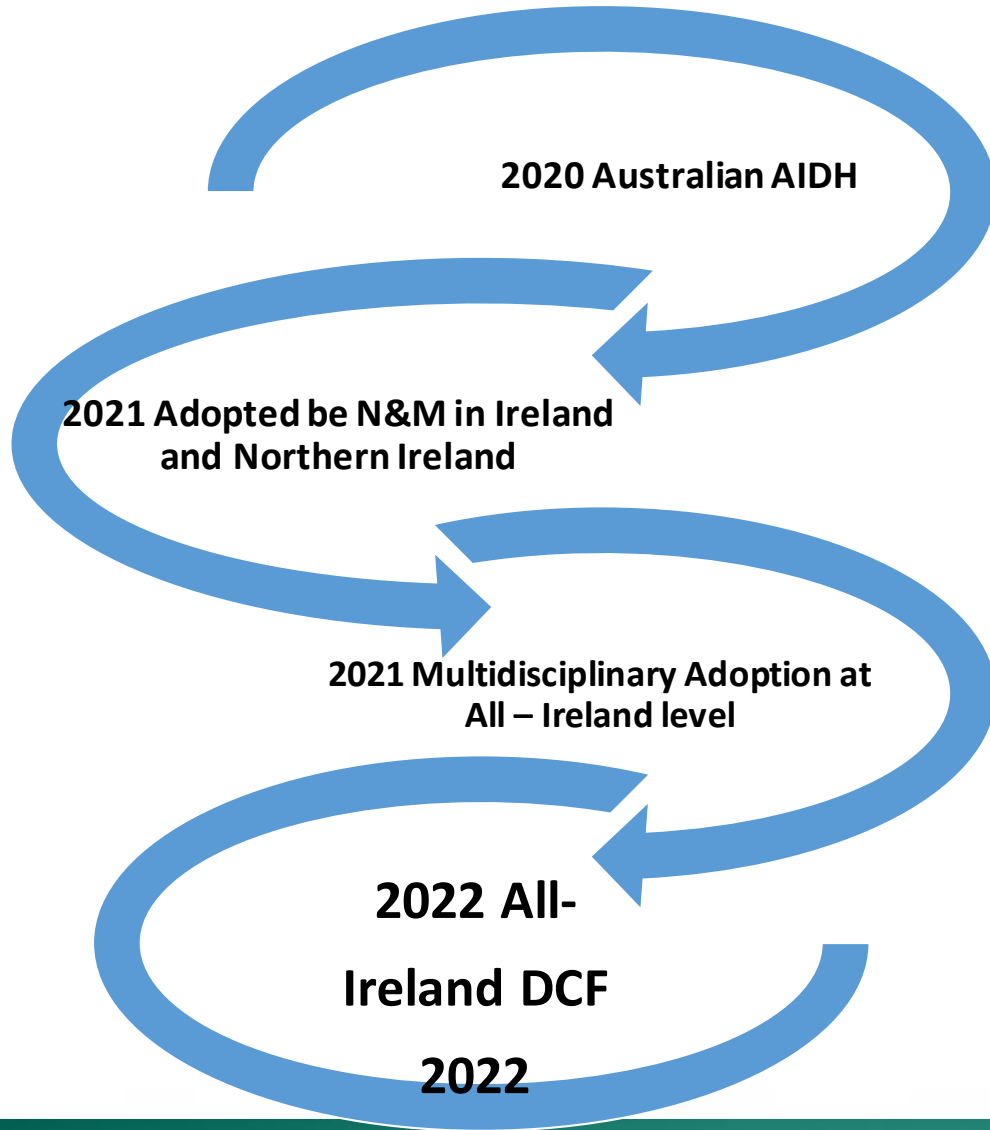
Past Present and Future

A programme of Work

2020 Australian AIDH

2021 Adopted be N&M in Ireland and Northern Ireland

2021 Multidisciplinary Adoption at All – Ireland level

2022 All-Ireland DCF 2022

All-Ireland **Digital Capability Framework** for Health and Social Care

HSC Public Health Agency

What is the DCF

Define the digital health knowledge, skills and attitudes required for professional practice

Complement existing individual knowledge, skill, and attitudinal frameworks

Provide a solid basis for tailored learning

5 → DOMAINS

3 → LEVELS

Formative

Intermediate

Proficient

Figure 1. Framework Domains

Towards Implementation

Communications

Education

Strategy and policy

Resourcing

Integration and Adoption

Digitalisation of product

Current work: Foundations

Personas

Foundational Knowledge (Digital Health Passport)

Assessment Mechanism

Resources

Digitize

Digital Health Leadership

- The exponential growth of the digital economy means that leaders who don't develop a digital mindset will soon no longer be able to lead their organisation effectively

- Leaders who wish to thrive in organisations need to upgrade their skills and become digitally literate or they will get left behind (Harvard Business School, 2022)

Digital Personas

Engagement with front line professionals

➢ Identifying current digital capabilities and skills required in the role

➢ Exploring the attitudes, perceptions, and barriers towards digital technologies

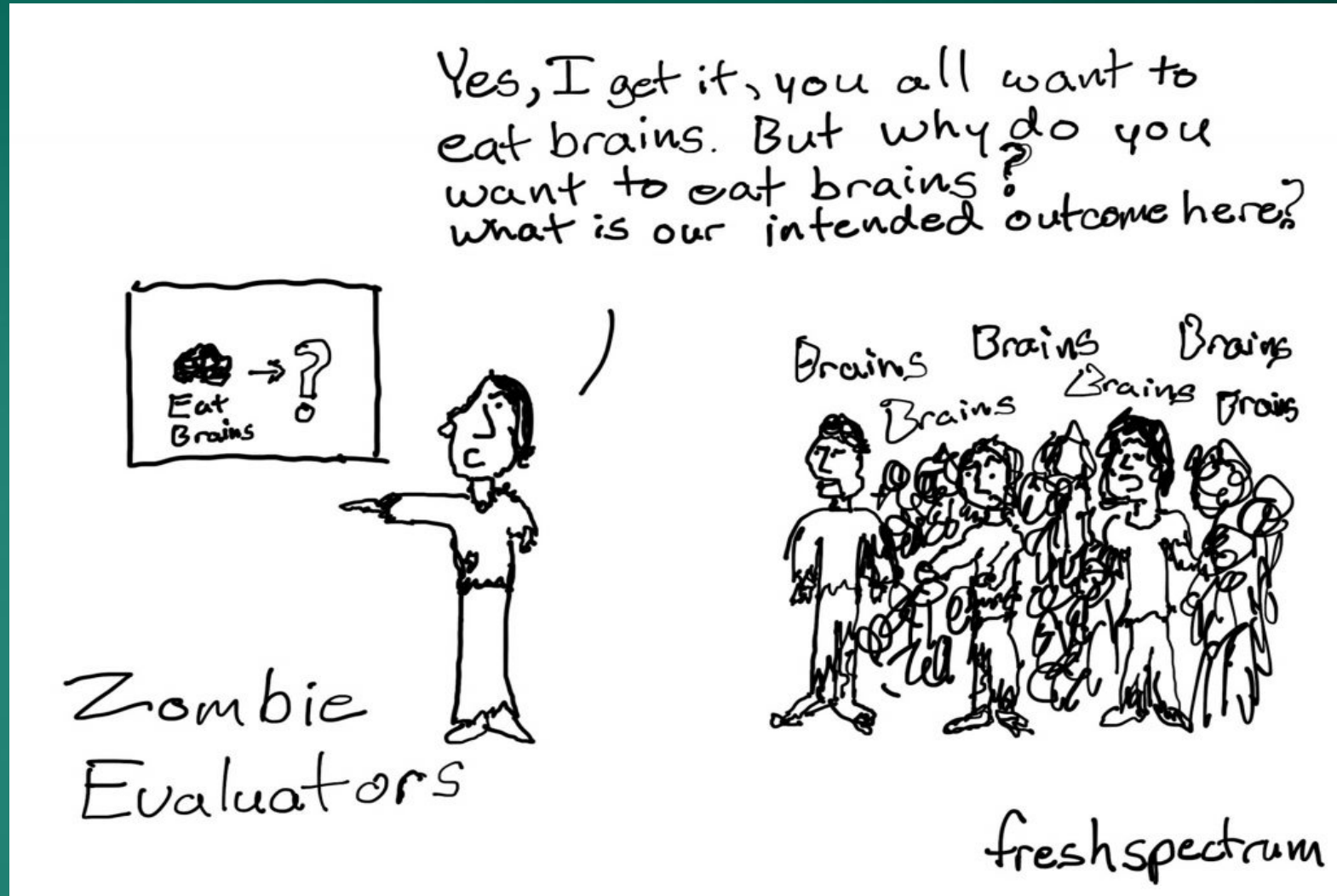➢ Creating representative digital personas reflective of the role

STAFF NURSE

AGE: 24
GENDER: FEMALE
LOCATION: COMMUNITY ADDICTION SERVICES

ROLES & RESPONSIBILITIES

- Communication within MDT
- Managing referrals, discharge summaries, release forms etc.
- Face to face client contact.
- Blood samples
- Vaccinations
- Wound care
- Assessments

PRIORITY LEARNING

- How to manage my caseload more efficiently using technology
- More training on the available systems
- Digital Documentation
- How to share information safely
- Video enabled care
- Telehealth

COMMUNICATION

Email

Video Conference

Phone

Face to face

DIGITAL HEALTH CAPABILITY

Digital Professionalism

Leadership & Advocacy

Data & Information Quality

Information Enabled Care

Technology

PAIN POINTS

- Very few systems available to support practice
- Poor internet connection
- Lack of computers
- Systems we do have fail often

DATA & SYSTEMS REQUIRED FOR ROLE

Assessment

Context is KEY

Modular Assessment Supporting

Supporting Information required

Key Domains: Foundations

Domain 5 - Technology	*Technology needs to be understood and used appropriately* - health and care professionals access and use available technologies appropriately to deliver safe and quality care, and to ensure information availability.		
Sub-Domain Description	Levels		
	Formative	Intermediate	Proficient

Domain 3 - Data and Information Quality	*Data quality must be present* - Digital health relies on quality data for information management; health and care professionals have a critical role in the capture, creation, recording and use of increasingly large quantities of clinical and health and care data.		
Sub-Domain Description	Levels		
	Formative	Intermediate	Proficient

Domain 2 - Leadership and Advocacy	*Digital health leadership and advocacy supported by clear policy* – Health and Social Careprofessionals to be actively involved in the leadership, policy development and advocacy for digital health at individual, local and national levels.		
Sub-Domain Description	Levels		
	Formative	Intermediate	Proficient

Foundational Digital Knowledge and Skills

- Develop a program of work to **enable foundational digital knowledge and skills** for the clinical workforce in HSE. This will include the following:
    - Basic Computer and Keyboard skills
    - Development **of Digital Health Passport** for the clinical workforce which incorporates foundational skills and knowledge in the following areas.
        - **Digital Health Literacy**
        - **Data Literacy**
        - **Cybersecurity**
        - **Digital Quality and Safety**

Developing Resources