

# Mobile Phone and Broadband Taskforce

## National Stakeholder Forum

Wi-Fi network: 1WML

Password: windmill1

Submit questions to our panellists  
through slido using code #0862481



# Connectivity as an enabler of innovation: ageing at home

ALONE CEO Seán Moynihan

February 15<sup>th</sup> 2023



# What's the impact of connectivity on real people?

[Watch video](#): Patricia and her Alexa

"It's as though I have a friend – somebody in the house with me"



# ALONE Strategic Goals



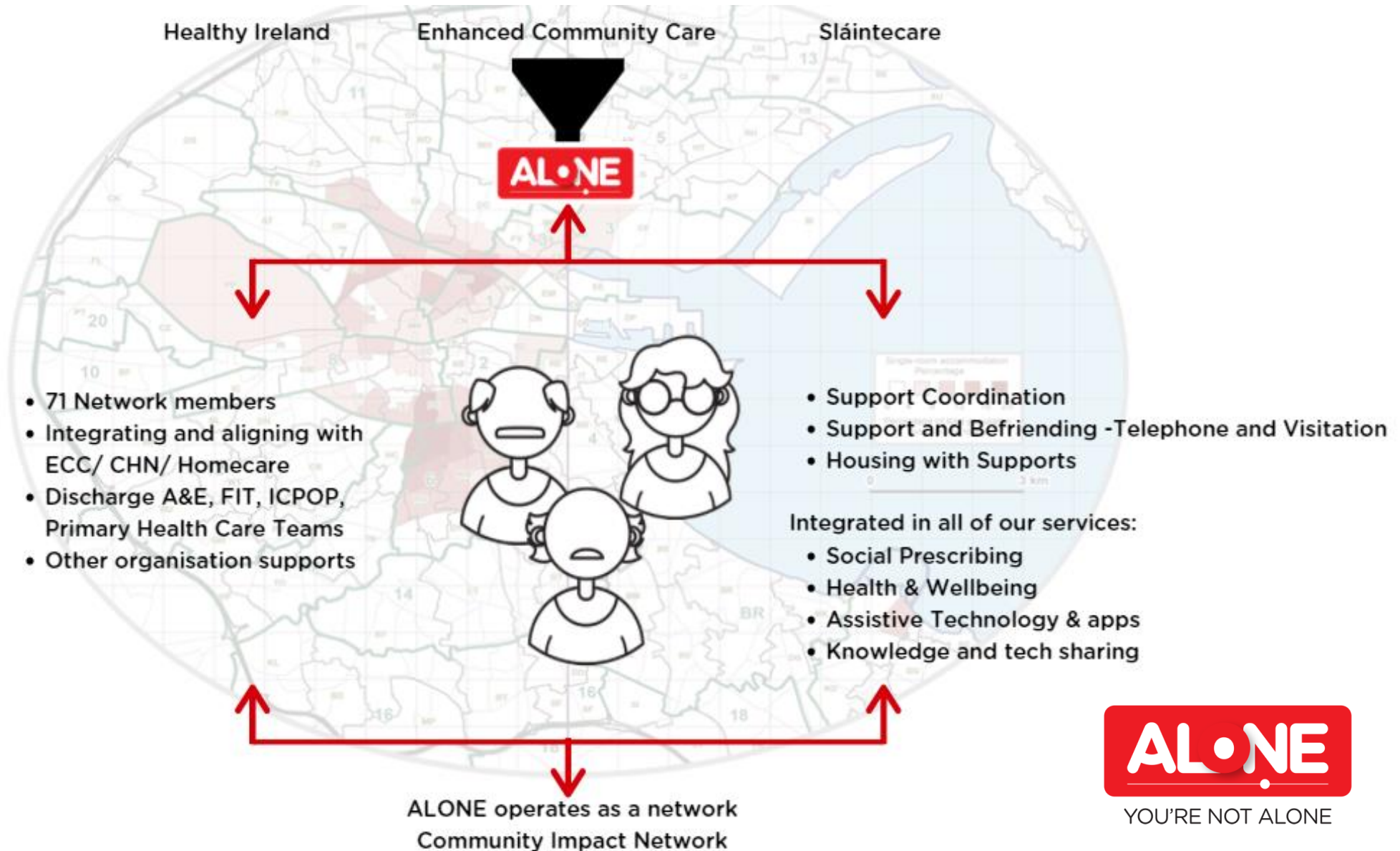
- 1 Lead the drive to age positively at home in Ireland
- 2 Strengthen the National Network of Community Service Hubs
- 3 Innovate and Develop Social Enterprise
- 4 Increase Organisational Sustainability
- 5 Enhance Organisational Capacity for Growth



# The ALONE Model

The ALONE Model or service hub is a defined area (such as a CHO/CHN area, county or community) within which older people have access to a full range of key services enabling them to age at home.

- Supports the implementation of national strategies
- Enables multi-agency approach
- Sharing of data & information
- Identifies gaps & blocks in local services



# How can technology and connectivity support older people?

B-CONNECT is testing the extent to which Active and Assisted Living (AAL) technologies can play an important role in supporting self-management, address risks of isolation, engender a greater sense of safety and security, and provide digital tools to promote greater social engagement and better health outcomes.

## TRADITIONAL HEALTH DECLINE/SERVICE USE MODEL



### BCONNECT SUPPORT

Promotes measures that can enable and support wellbeing, self-management and personal empowerment at home and in the community

- Informal community orientation
- Promoting and sustaining health and wellbeing at home



### BCONNECT SUPPORT

Promotes measures that can reduce pressures on acute and residential resources

Informal care mix, care orientation /frailty conditions, a negative outcomes



... acute healthcare model  
... ation  
... significant hospital expenditure

# Our Living Lab - 2021

## Inishowen Slaintecare Project

Provide technology and guidance to enable communication between dementia patients and HSE OT's / family



## Sligo Living Labs

Provide technology expertise to facilitate a community integration project

**Total 1 million investment 2021.**

300.000 on kit

## Galway Tech Grant



## Tintain/ALONE Project

To develop a *Support-network-as-a-Service* that enables people with mild/moderate frailty to live safe and well at home

## Vodafone phones

Bring to a total of 1570 smart phones to older people nationally



## Healthy Ireland Project - Louth

Supplying 25-30 participants with technology.



## mPower

mPower works with communities to support older people to manage their own health and care



## Meath County Council

Supplying 20 participants with technology



## Slaintecare

Supplying 50 participants technology to support with health monitor at home after discharge from hospital



## Respond Housing Project

Provide technologies to support tenants to age within Respond Housing complexes



## La Casa – Housing Project

Research pilot project to create a new activity monitoring system using AI and alerts



## Carlow CC – Tech Grant

Provide technologies to support older people to live independently



## ALONE TB&S App

ALONES Telephone Befriending & Support app Provides access for volunteer support staff to provide a call, supports and monitoring service

Slaintecare.

## ALONE Befriend App

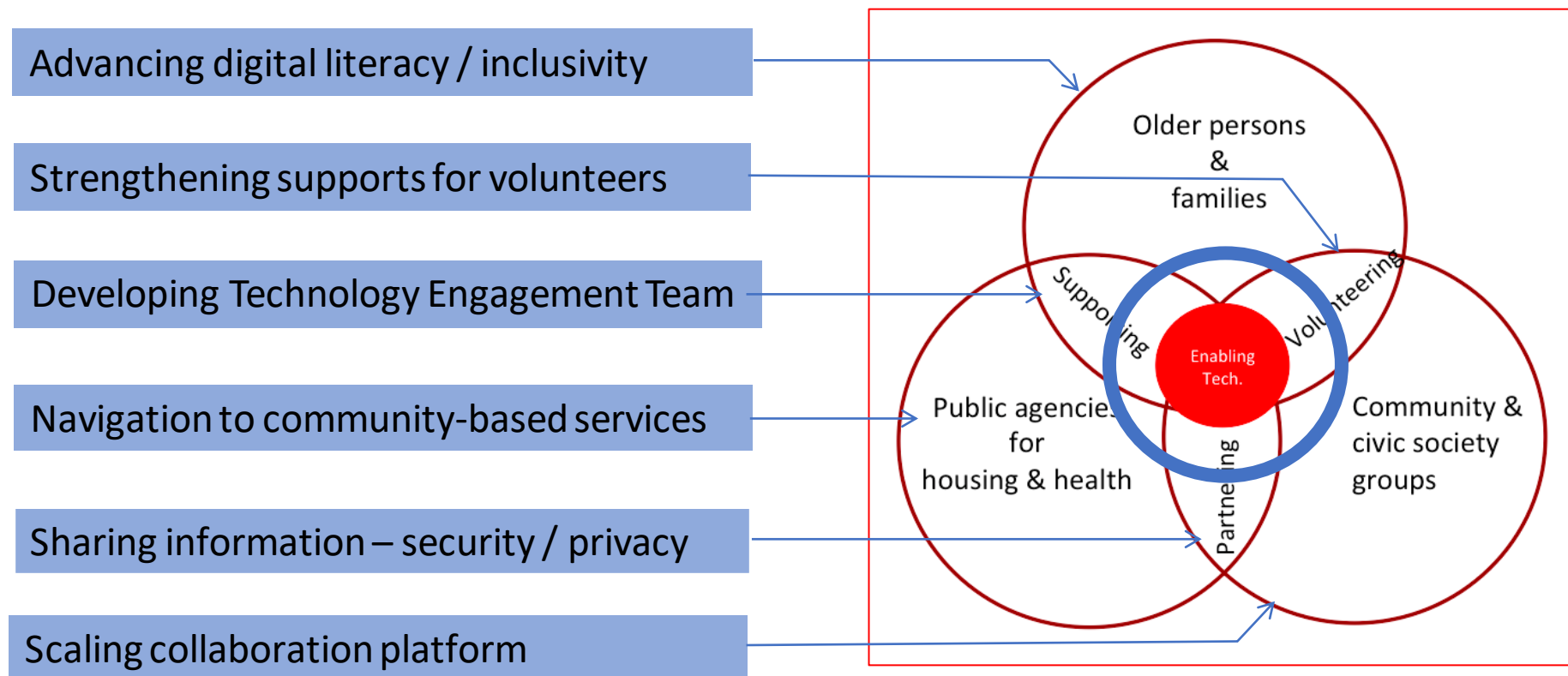
ALONES Befriend App maintains volunteer engagement, supports service quality and responsiveness, keep volunteers and core staff connected, and report on service effectiveness



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Tech engagement target is 5,000 older people by 2024 - utilising technology enablers





# HiDigital – building the capacity of older people



[Mentor Guide](#) [About Hi Digital](#) [Contact](#)  [Irish](#)

## Want to improve your digital skills?

Get started with the “Hi Digital” course and see what going online can do for you.

Start the online course now

[Click here >](#)

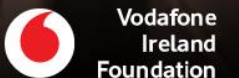
Register for an in-person class

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Or freephone [1800 20 30 30](#)

[Welcome video](#)

In partnership with



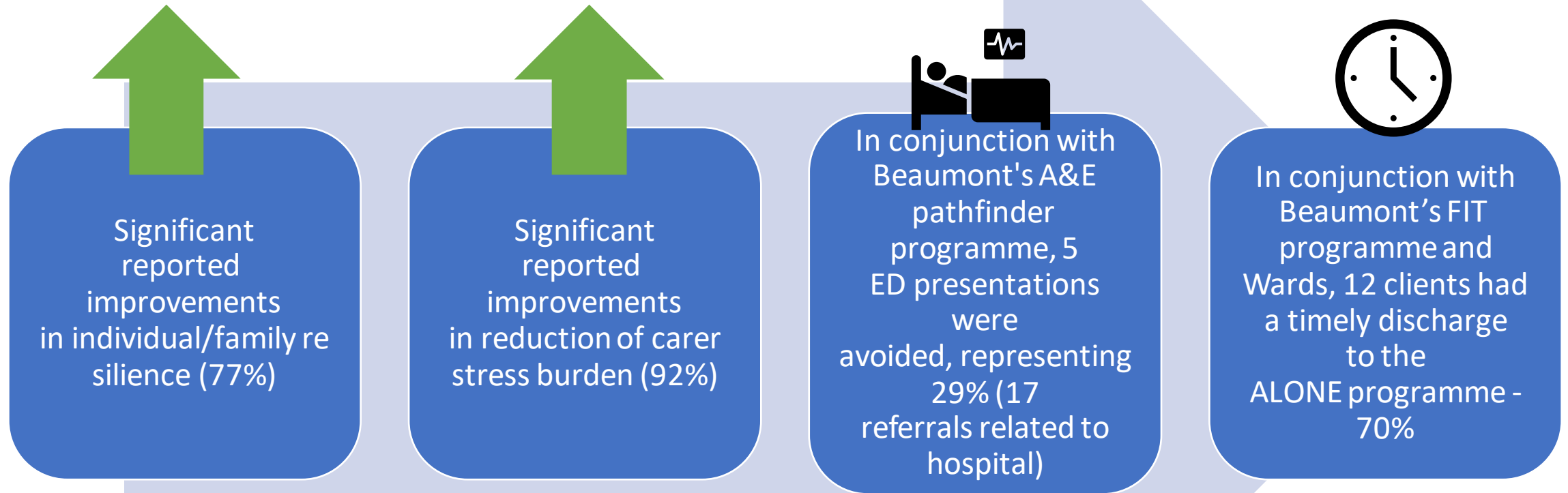
# Sláintecare – BConnect : To provide technology and services to support older people to better manage their health and remain living at home for longer

- 50 participants, based in CHO 9/ North Dublin
- Participants came from Beaumont Hospital FITT team, HSE Integrated Care Team for Older Persons, and Northside Home Care
- Participants were at risk of delayed discharge and/or unnecessary admission to ED, hospital and long term care

- Participants were provided with access to ALONE services and technologies
- Technologies included Alexa, emergency alarm, wearable devices, smart home sensors and tablet

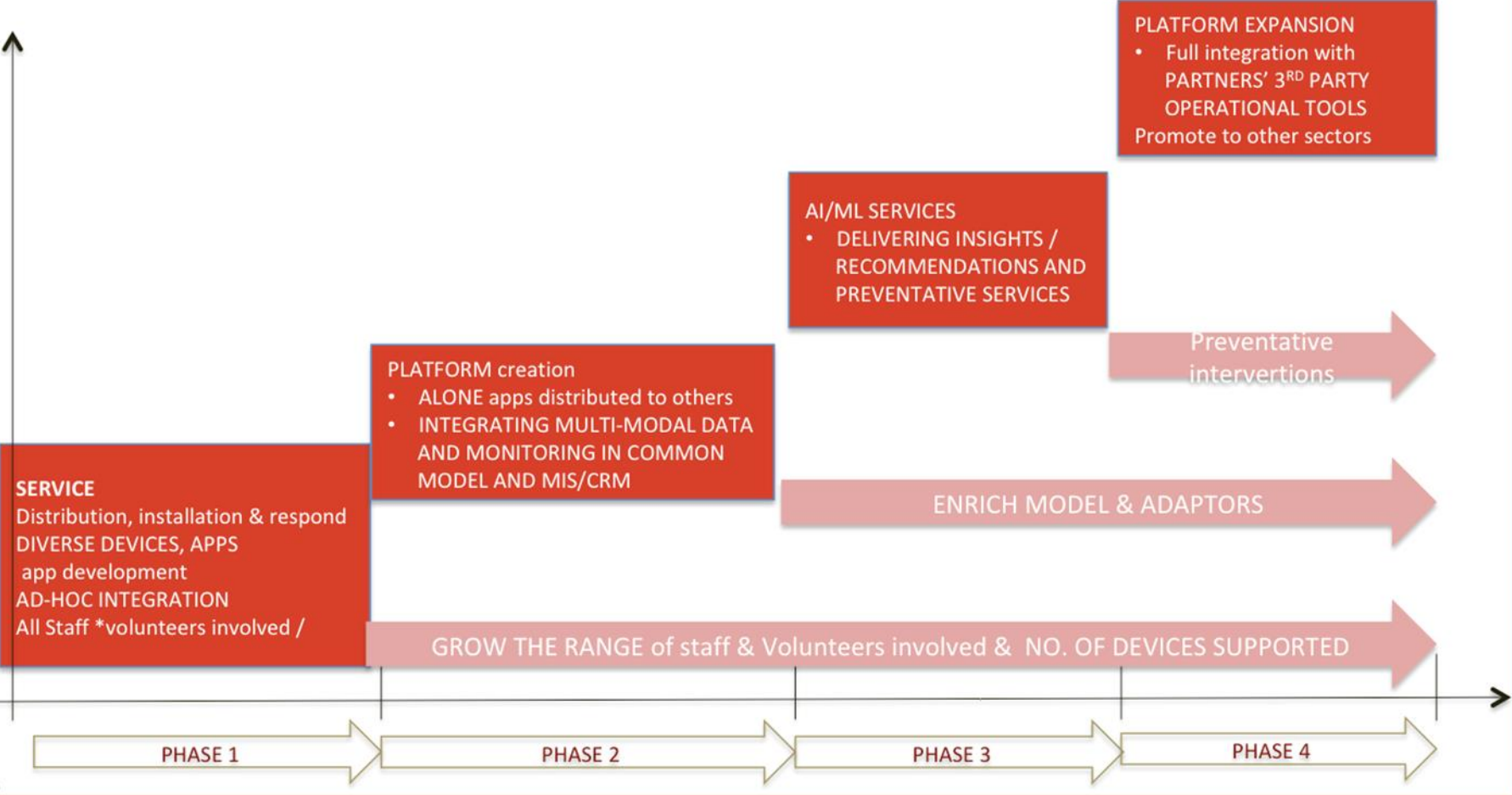


# Results from research



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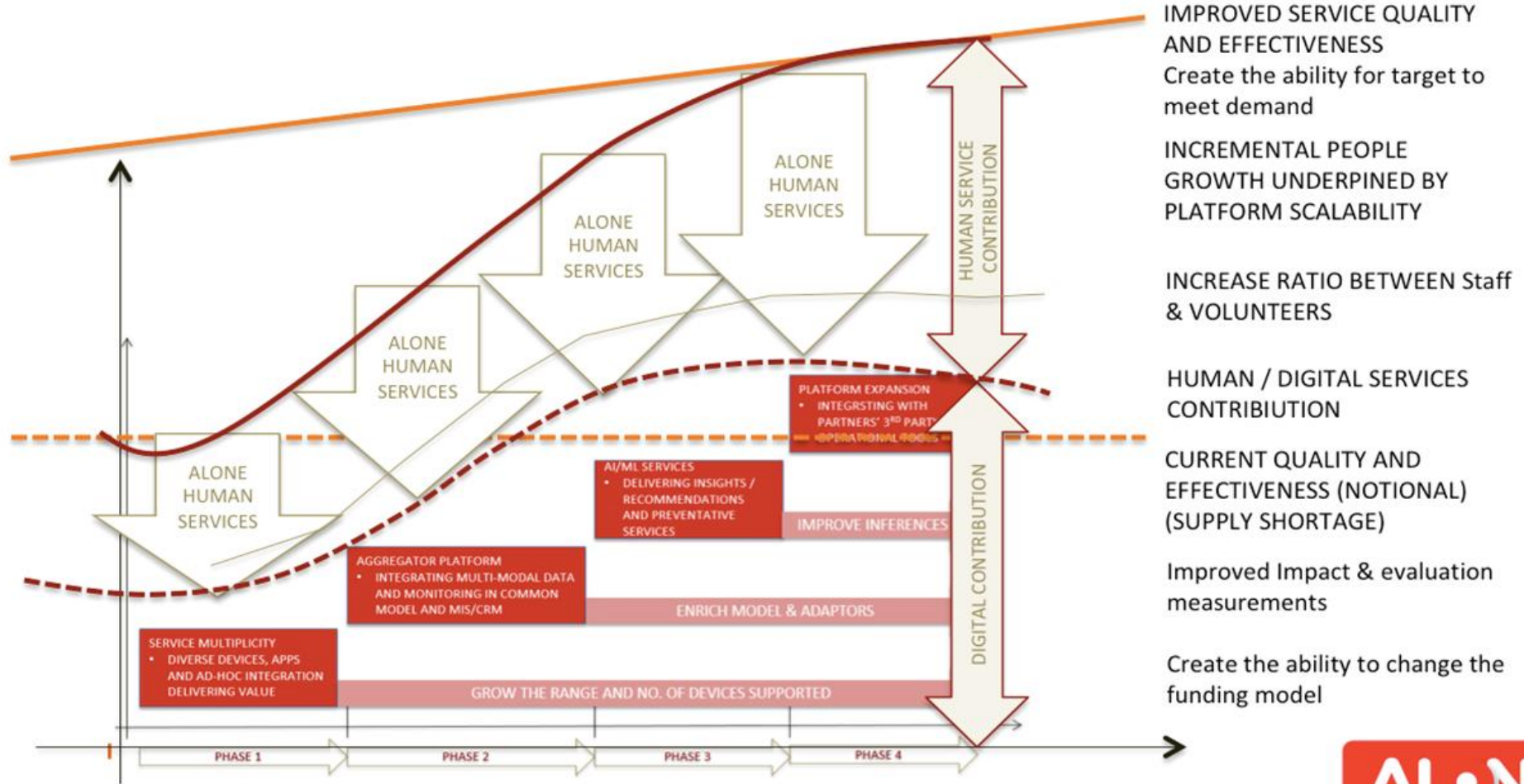
# LIVING LAB – model development over time



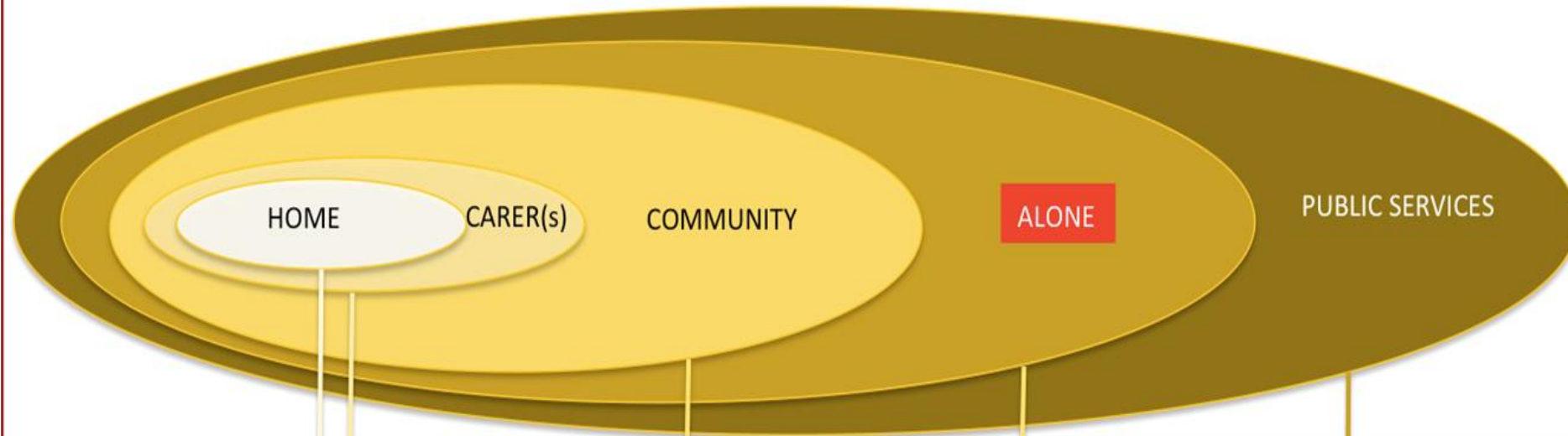
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# LIVING LAB – anticipated scaling behaviours



INTEGRATED CLOUD PLATFORM EMPOWERING HEALTH & WELLBEING AT HOME



Older person at home:

- Self-management app:
- Alexa/speaker-mic:
- Tablet / smartphone:
- Smart watch:
- Specific sensors as necessary:

Family / carer(s):

- Carer app:
- Tablet / smartphone:
- Messaging / notifications:

Community/Volunteers:

- Volunteer/provider app:
- Tablet / smartphone:
- Messaging / notifications

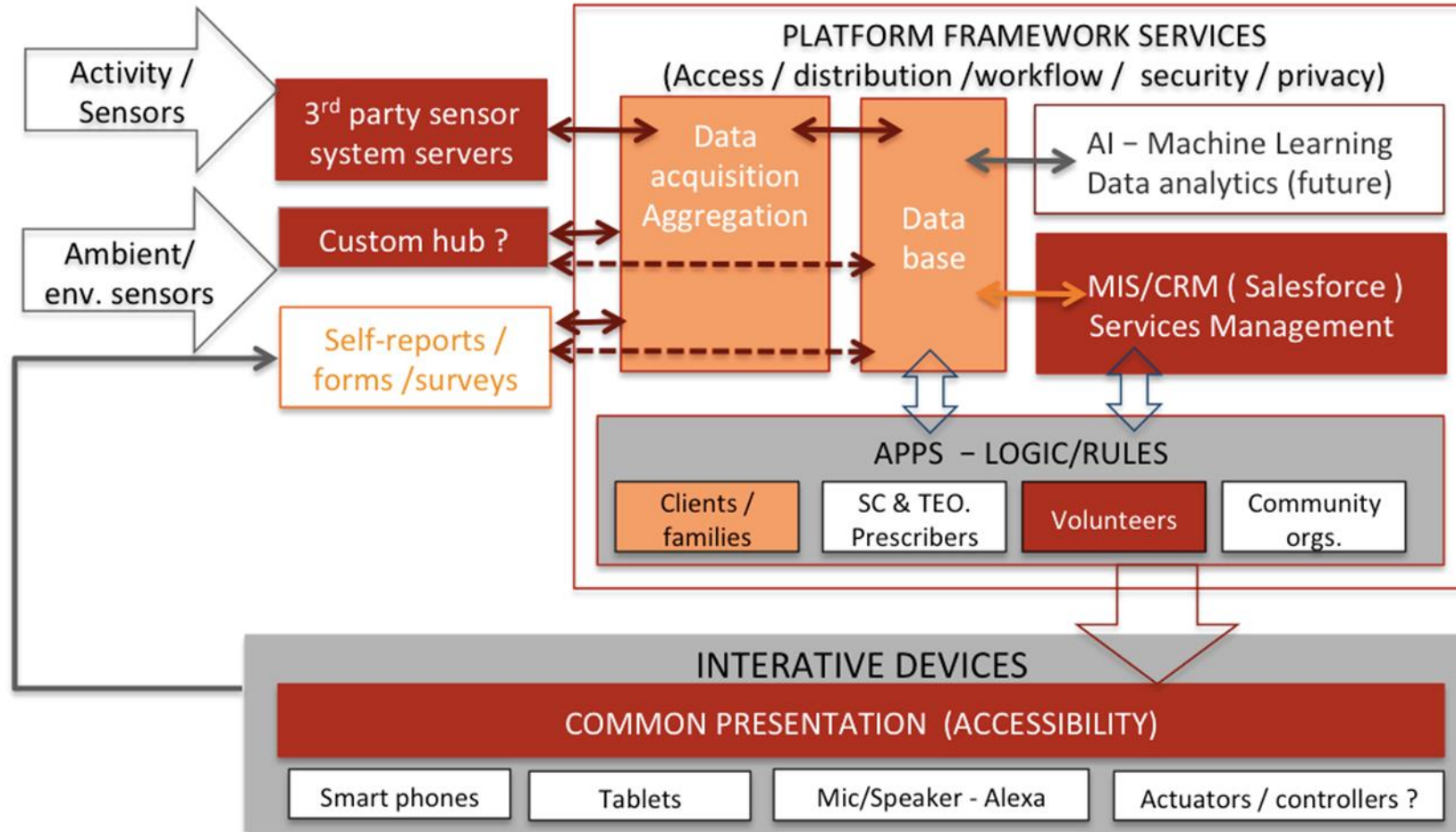
Alone Services:

- Support Coordinator app:
- Tablet / smartphone:
- Service management app:
- Messaging / notifications:

Public Services:

- Messaging for HSE staff:
- Messaging for LA staff:
- Alerts / notifications:

# High level platform architecture form ( conceptual)



# Impact on older people and families

There's been a couple of times when I've tried to ring him and he's not there, but I can tell - look at the last motion in the kitchen - that he's gone out the back. So I find them really good help. Especially when it's just the sensors, cause they just sort of do it - they're set up in the all the places where he is.

Alexa is a God-send , especially because she can see me and I can see her. You see I live in Drogheda and she's in Dublin, so it's a visual contact. She wouldn't have been great on her mobile phone - she couldn't see the buttons - so now she can use the Alexa which is amazing.

It's like company - no one is far away - this voice activated equipment is really paramount.

The watch she uses every single day - the watch never comes off her. So she can track her steps - she tracks her heart - we run an ECG because of her a-fib and that has made a massive difference to her because she's a lot more content about her heart now.

The interactive door bell, the ring system, that gets the most use - we're using that every day - which is fantastic - so we can keep an eye on who's coming and going ... great for security. It gives her the benefit of knowing we can keep an eye on things, she feels a bit more secure with that as well. It's the way forward .. give both ourselves and herself peace of mind.

JE



# Looking to the future

We are collaborating with Octagon Innovation to create the next steps our strategy , designed to enable citizens, collaborating with their health and social care professionals (HSCPs), to holistically and proactively look after their wellbeing

## Goals

- Pre-empt and or proactively respond to changes in physical health, mental health or social context
- Reduce pressure on secondary & tertiary care systems
- Lower the cost of care – increase the quality of life
- Empower to the user

## Approach

- Model based on broad range of health and social dimensions of wellbeing
- Continual evaluation and response
- Providing HSCPs insights during, and between episodes of care
- Older person -driven information sharing



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Thank you all for your  
time!



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# Connectivity as an enabler of innovation

## Panellists:

- Louise Caldwell, Programme Manager, OurKidsCode
- Jim Leahy, Head of Network Innovation and Consultancy Services, OGCIO
- Lisa Nic Dhoinnléibhe, Head of Gaeltacht Education Unit, Department of Education
- Liz Roche, Head of Foundation and Sustainable Business, Vodafone Ireland

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**Rialtas na hÉireann**  
Government of Ireland

# Minister Ossian Smyth



**An Roinn Comhshaoil,  
Aeráide agus Cumarsáide**  
Department of the Environment,  
Climate and Communications



Thank you for  
attending!



Rialtas na hÉireann  
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