

Investing in your future European Regional Development Fund



## **Analysing Emerging Themes (AET) Final Report**

**APPENDIX 2 – End of project webinar presentation sides** 









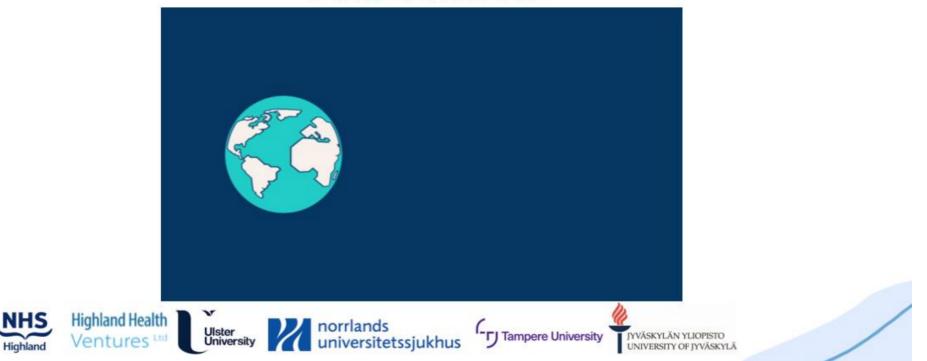


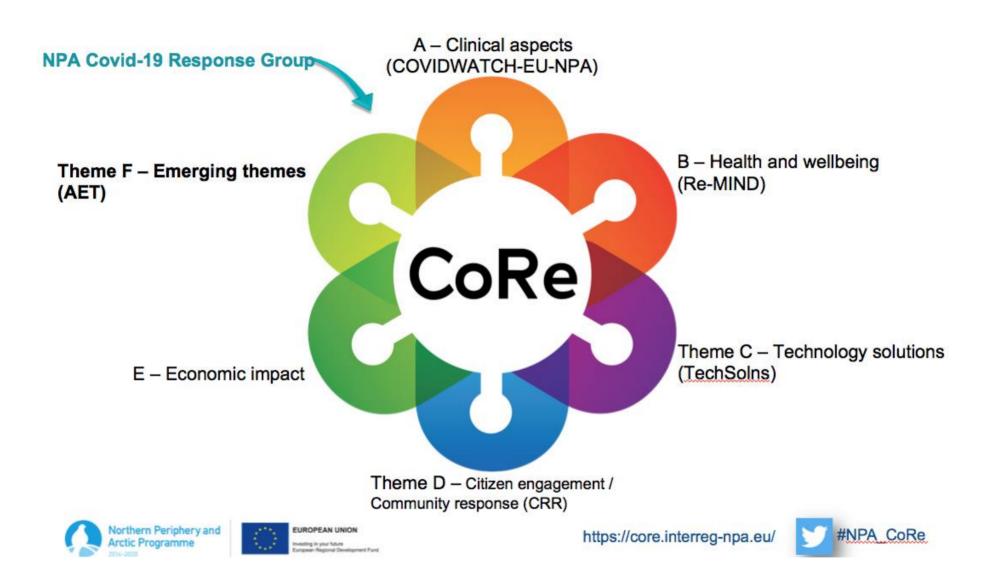
Welcome!

# <sup>ome!</sup> NPA COVID -19 RESPONSE GROUP EMERGING









AET – Analysing Emerging Themes in the environment of living with Covid-19 through the twin lenses of care homes and university campuses





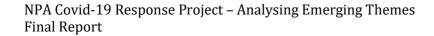
**Partners and Associated Partners**: NHS Highland, Scotland; Highland Health Ventures Ltd, Scotland; University of Ulster, Northern Ireland; Tampere University & University of <u>Jvväskvä</u>, Finland; <u>Norrlands Universitetssiukhus</u> – Norrland University Hospital, Nus, Sweden.

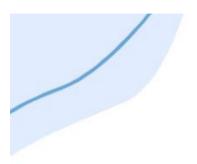
**Project Aim**: To examine the experiences of care home staff, university staff and students during the COVID-19 pandemic and how these relate to society as a whole through an analysis of the five other key project areas (clinical aspects, mental wellbeing, technological solutions, citizens' engagement and economic impact).

**How are aims achieved**: Hosting webinars, conducting one to one interviews followed by a thematic analysis.









William Duffy, James Gillespie, Joan Condell Ulster University





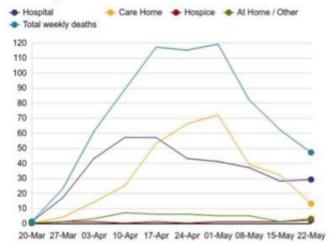
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#### NPA COVID-19 Response Group Emerging Themes

#### Northern Irish first wave

#### **Coronavirus in Northern Ireland**

Deaths registered where Covid-19 is recorded on death certificate



- On 29th May NISRA reported 716 COVID-19 deaths since start of pandemic; half of the deaths (53.1%; 380) were in care home residents
- To Combat: Care home visitations banned; virtual visits using video technology encouraged by PHA
  •Ethel; Facebook Portal; Kraydel



12000 11000

2000

Northern Periphery and Arctic Programme

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#### Northern Irish second wave

Second wave - September 2020 - November 2020
•301 per 100,000 population (20-49 age group)
•169 per 100,000 population (50-69 years)
•152 per 100,000 population (0-19 years)
•82 per 100,000 population (70+ years)

#### To combat:

- Ulster University/QUB online delivery
- STOPCOVID NI
- QUB rent break
- On-campus asymptomatic testing
- Walk-in testing units





#### NPA COVID-19 Response Group Emerging Themes EUROPEAN UNION Northern Irish third wave Northern Ireland's Covid-19 reproductive number Third wave – December 2020 to February 2021 Current estimate of R based on new positive tests ·Peaked just after the Christmas period - Lower estimate - Upper estimate - Average - R1 ROI border/airport fines introduced 2.0 1.8 1.6 13000 12000 1.4 11000 0000 1.2 9000 5000 1.0 7000 6000 0.8 5000 4000 0.6 3000 2000 0.4 0.2 0.0 0.40 0.40 17 Aug 7 Sup - 15 8 Sup - 28 8 Sup - 28 8 Sup - 28 8 Sup - 28 7 Out - 20 8 Nuu - 19 9 Nuu - 20 10 Nu Source: Department of Health as of 9 February 2021 BBB Highland Health NHS norrlands universitetssjukhus Ulster University Tampere University JYVÄSKYLÄN YLIOPISTO Ventures Ltd Highland UNIVERSITY OF JYVÄSKYLÄ





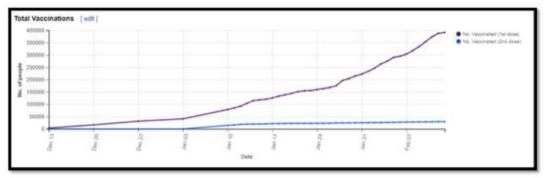
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# Northern Irish vaccination roll-out

Vaccines

 Pfizer-BioNTech – approved 07/12/20 •Oxford/Astrazeneca - approved 26/12/20

Phased prioritized rollout



Phase 1 (Priority groups 1 and 2)	December 2020
Care home residents Care home staff Health and Social Care staff Over 80 year-olds	12,000 20,000 70,000 + 72,000
Over 75 year-olds to 65 year-olds Clinically vulnerable under 65 year-old Extremely vulnerable Moderately vulnerable	233,000 95,000 135,000
Phase 3 (Priority groups 7 to 9)	Spring 2021
Over 60 year-olds Over 55 year-olds Over 50 year-olds	106,000 125,000 135,000
Phase 4 (Mass vaccination programme)	Summer 2021
General population not already vaccinated	đ
Phase 5 (Mass vaccination programme)	2022 onwards
Routine vaccination programme	
Source: Department of Health	BBB





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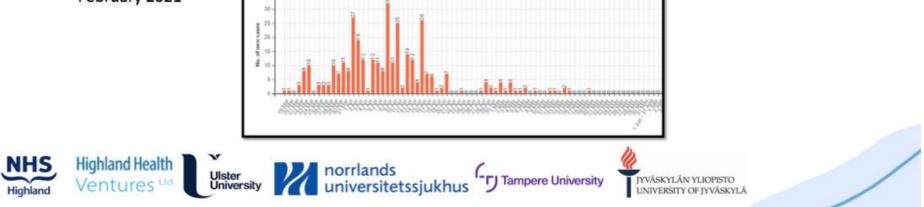
#### NPA COVID-19 Response Group Emerging Themes

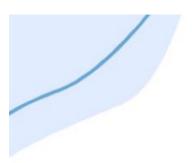
## COVID-19 in the Isle of Man

- First case reported on the 19th March 2020
- Borders closed to non-residents on 27th March
- · 14-day self-isolation period required on arrival

#### Outlook

- Due to the measures taken, there are no restrictions on the island, only restrictions on entry.
- Pfizer-BioNTech vaccine roll-out began on 16th of December with 12.5% of the IoM population as of 13 February 2021







Outi Jolanki, Tampere University & University of Jyväskylä, Finland, Lina van Aerschot JYU, Antti Hämäläinen JYU & Sari Vallenius, JYU





- Overall situation of the Covid-19 pandemic:
  - Confirmed cases 51 500 (18.2.2021)
  - · Jan-Feb 2021 the number of incidents rising; new virus variations spread
  - Most new cases in capital area of Helsinki and coastal and border areas southwest and north-west (Finland-Sweden border)
- No increase in overall mortality 2020
- New cases mainly among children and young adults; few people hospitalised (in 19th Feb: 132 in hospital, 30 in intensive care), total sum of deaths 723
- Regional outbursts contained quickly, albeit new virus variations may change the situation





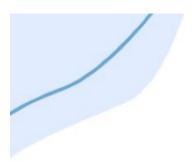
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- Vaccinated 4.2 % of population, regional differences in pace, priority people + 80 and social and health care workers
- Mobility restrictions continue: 10 pers/max; public spaces & services mainly closed (swimming halls, theatres, day care centres), private business limited (restaurants, gym etc); trade schools and universities mainly online teaching, distant work recommended to all
  - · Local variations in restrictions; most strict in the capital region
- Care homes allow visits (1-2 visitors at a time)
- · Children's day care, primary schools and high schools open
- **Reported problems** with mental health and social wellbeing of children, students, working people (incl. care workers) + people in vulnerable sit.
- Reported delays in health care access and treatment of chronic conditions

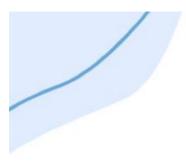






#### Nils Sandberg, Region Västerbotten, University hospital of Northern Sweden

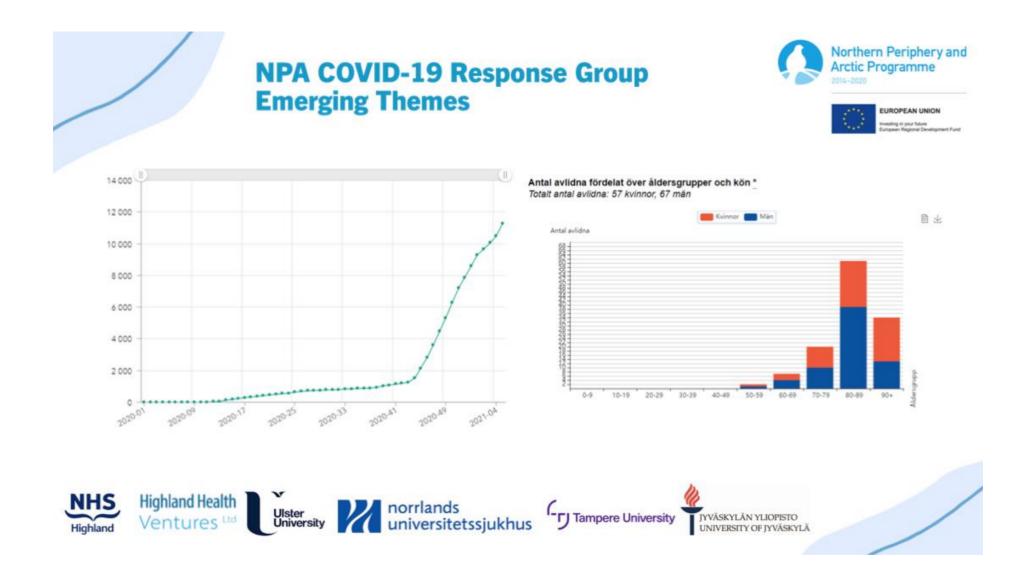


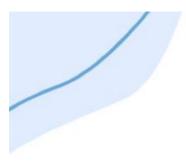




- Distance education for students
- No more than eight are meeting, paired up
- Examples in clinical practice that has been a driver for spread
- Emerging theme, how to develop clinical practice without in real life meetings
- Under deadliness in <u>Västerbotten</u>, as the only county in Sweden VHU and healthy living?



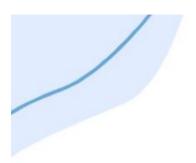






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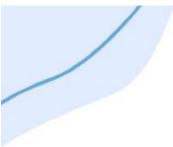




#### Alan White - Director, Highland Health Ventures

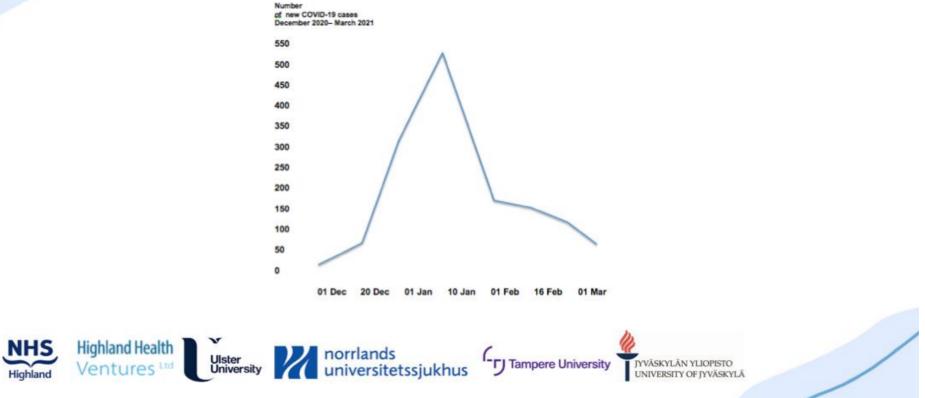
#### Project timescale: November 2020 – February 2021













#### Students returning home to the Highlands...

- · Negative impacts of covid/lockdown to education, social life and mental health
- · Generally not returned to campus unless had to for study or work
- Reasons for testing when going home:

Seeing older family, peace of mind, strict parents, because it was available, perception of higher risk of exposure (e.g. social life or hospital work)

· Reasons for not testing:

Perception of low risk of exposure, didn't know about it, didn't have to test





Lockdown through the lens of Highland care homes...

- More rapid mental and physical deterioration in relative than would have otherwise occurred
- Limited contact is not quality contact It can be distressing, it is serious and distant
- No testing
- No indication yet of what vaccination means for relatives, quality of life their relationship with them

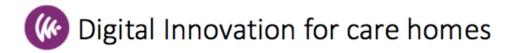




# Digital Innovation to help us all live more safely today and in the future

A disaster recovery plan to help reduce the spread of CV-19 and influenza to protect staff, residents and visitors and help enhance compassionate care in vulnerable setting

Alastair Williamson CEO Wyld Networks



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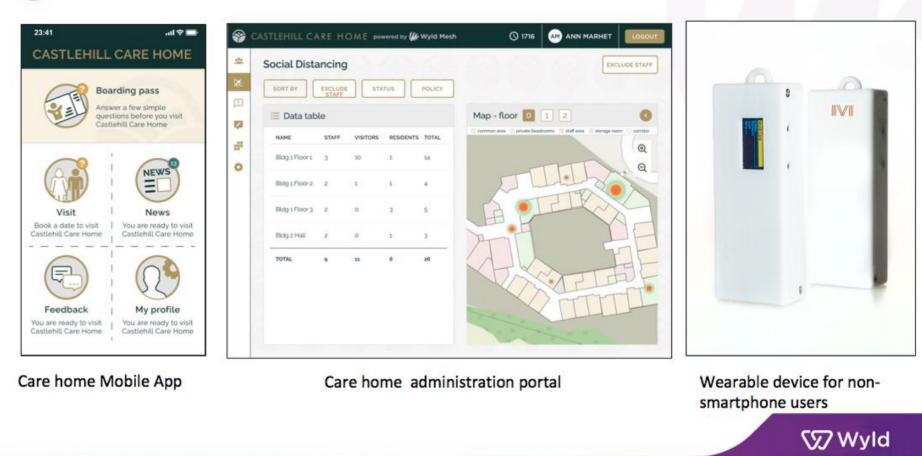
Combining a <u>mobile app, wearables and positioning</u> technology to help reduce the spread of contact viruses such as CV19 and Influenza and protect residents, staff and visitors

- Provide <u>safe access</u> to care home and sensitive areas based on health status and policy
- Provide <u>social distancing monitoring and</u> <u>alerting</u>
- Provide a <u>communication network</u> for messaging, guest books, and safety check-In for staff and visitors
- o Provide reports and metrics for compliance





#### Components of the solution



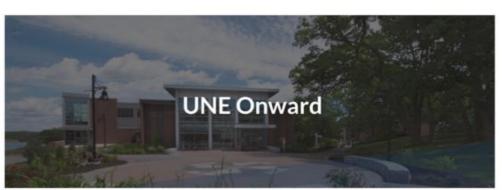
# The University of New England's Covid -19 Response





## **Core Principles**

Transparency Data Based Decision Making Communication



#### WEEKLY COVID-19 NEW CASES REPORTED: WINTER-SPRING 2021

Period Beginning- Ending	Total Tests	Biddeford Campus Students	Biddeford Campus Employees	Portland Campus Students	Portland Campus Employees
2/4 - 2/10	405	з	0	0	0
1/28 - 2/3	294	7	2	3	1
1/21 - 1/27	412	3	1	1	r
1/14 - 1/20	1,734	2	0	4	0
1/7 - 1/13	724	6	1	0	0







# Thank you

Discussion time – any questions?

