

Supporting the delivery of COVID vaccine in Wales : the Welsh Immunisation System

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Associate Medical Director (Primary Care)

For
5 miles





Gelligaer : ex-mining village in South Wales Valleys



Digital Health and Care
Wales





NHS HACK DAY

GEEKS WHO LOVE THE NHS

Summer 2020

July 2020 :

Health boards in Wales to
start planning for delivery of
COVID vaccinations

What we did know...



why

What we didn't know...

when

what

who

where

Key requirements

Identify prioritised cohorts

Call and recall people

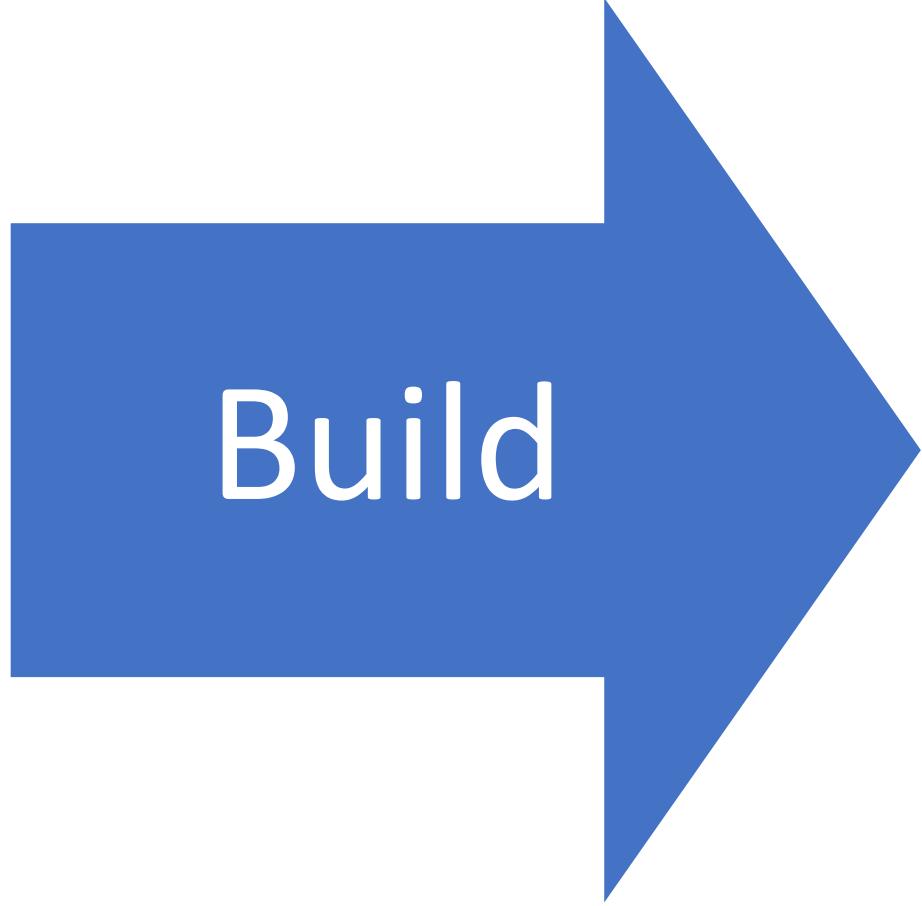
Record in any setting

Child and Young Person Information System (CYPriS)





Buy



Build

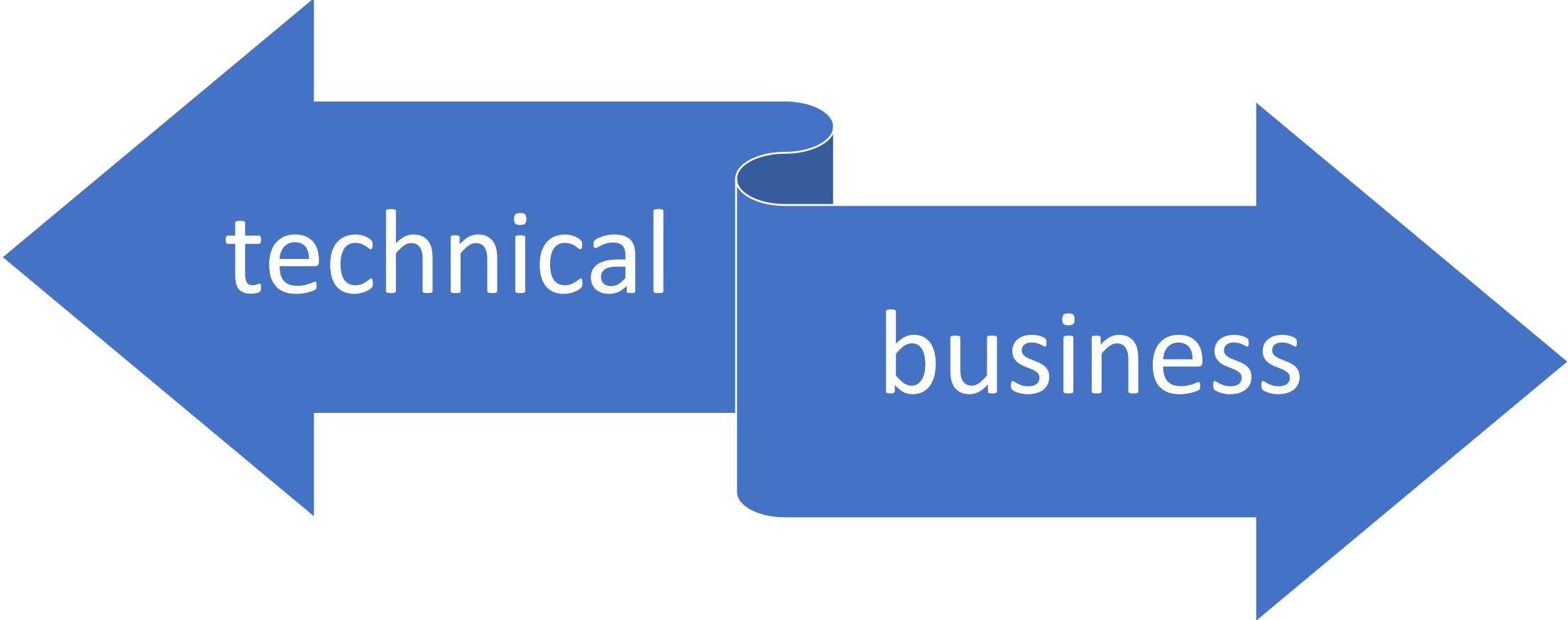
Wales was the only part of the UK to develop an in-house solution using an existing software team.

Gill Davison

Welsh Immunisation System
(WIS)

Product Owner





technical

business

System Generated Appointments

7.25 million vaccines

Over $\frac{3}{4}$ delivered in mass vaccination centres

Our invitation service through GOV.UK Notify was used to send letters and SMS to everyone invited to a mass centre for vaccination.



**Welsh
Immunisation
System**



Home Unscheduled Result

[View Sessions \(Dates\)](#) ▾

Vaccine Stock ▾

System Defaults

Tuesday 08 Dec 2020

ANNE COUSIN

G96CV169 - Cwmbran Stadium

Sessions in Period: 07/12/2020 - 13/12/2020

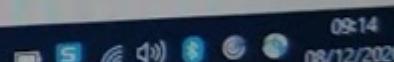
Date	Timeslot	Description	Results Entered	Total Appointments
			NO SESSIONS SCHEDULED	

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Version - 1.0



DELL



09:14

08/12/2020

prt sc home insert delete F11 end F12







We integrated scheduling with the recording of vaccines, and tracking of vaccine stock, in a single application used in every part and every setting in Wales.

Our information teams centrally identified cohorts to be vaccinated and built dashboards, letting the NHS know how we were getting on.

We built payment for vaccination for primary care directly into the software and allowed errors in claims to be instantly corrected.

Our primary care information team even created a search to show practices the payments they may have missed!

Our business change, service desk and primary care teams supported the onboarding of thousands of users.



Anne Marie Cunningham

Admin · 3 d · 🌐

...

You might have heard about WIS (Welsh Immunisation System) which is going to be used to record administration of COVID vaccines in primary care (and already is in the mass immunisation centres). Here is a short demo (9mins) which covers recording vaccine deliveries, finding a patient and checking/changing demographics (reception task), recording administration of vaccine (vaccinator) and viewing and editing a record.

[Watch 'Welsh Immunisation Service \(WIS\) - Web - GPs' | Microsoft Stream](#)

Feedback welcome!

You will need to be on a managed device or use MS365 authentication to access

AM

Update - just been informed by team that they have added in option of picking a default vaccinator per user per session so that will speed things up as well.

COVIDvaccine

Jeannette Short and 7 others 189 comments

Like

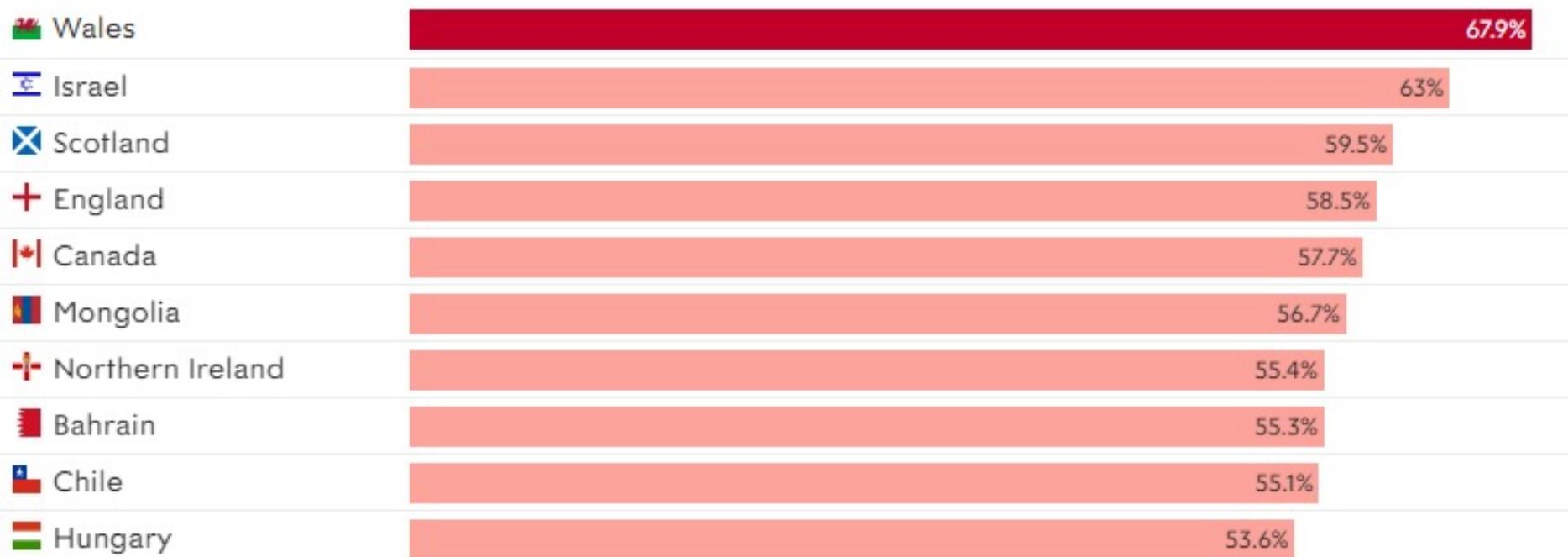
Comment



You can't buy a box
of Interoperability.

Wales is winning the global vaccination race

Top 10 countries of more than 1 million people by share of population with at least one Covid-19 vaccine, 30 May 2021 (per cent)



ONS, coronavirus.data.gov.uk, Our World In Data, New Statesman analysis

Thank you #teamwales!

To help, contact me at
@amcunningham