

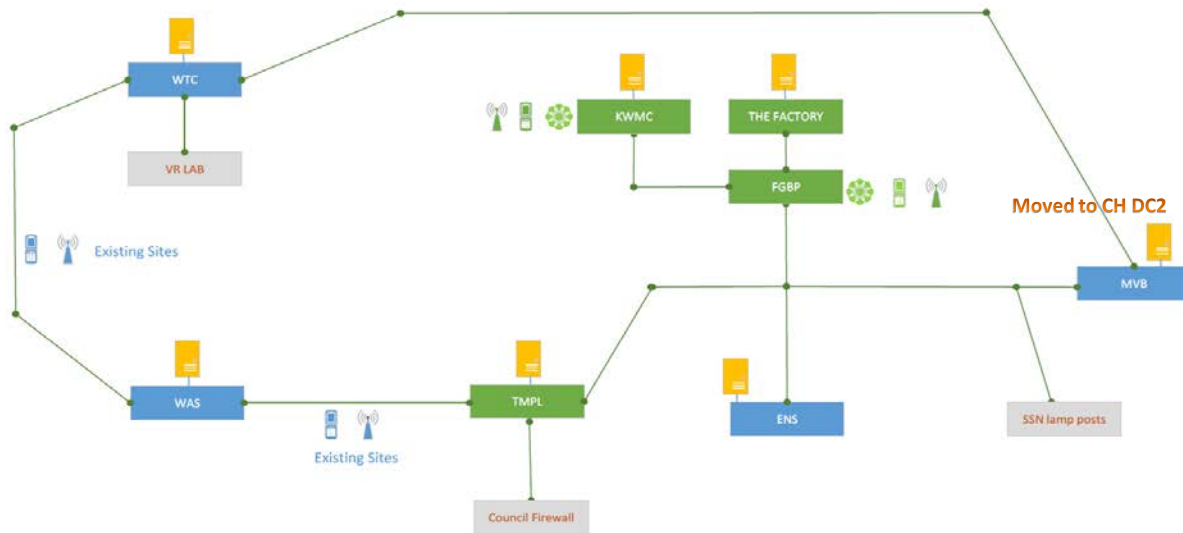
Open Programmable City Region (OPCR) Project

Objectives

- Extension of OPC - Open source OpenStack based private cloud, Hyper fast network, Wi-Fi & LoRa, connectivity.
- Install R&D and prototyping infrastructure at the Sensor Factory to promote the development of skills and new products and services using the OPCR infrastructure.
- Link Knowle West Media centre to the OPCR network, enabling the existing Bristol Living Lab to expand its activities by providing a state of the art test bed facility that will attract new R&D projects and investment, promoting engagement, inclusion and co-creation of the future Smart City.

Benefits

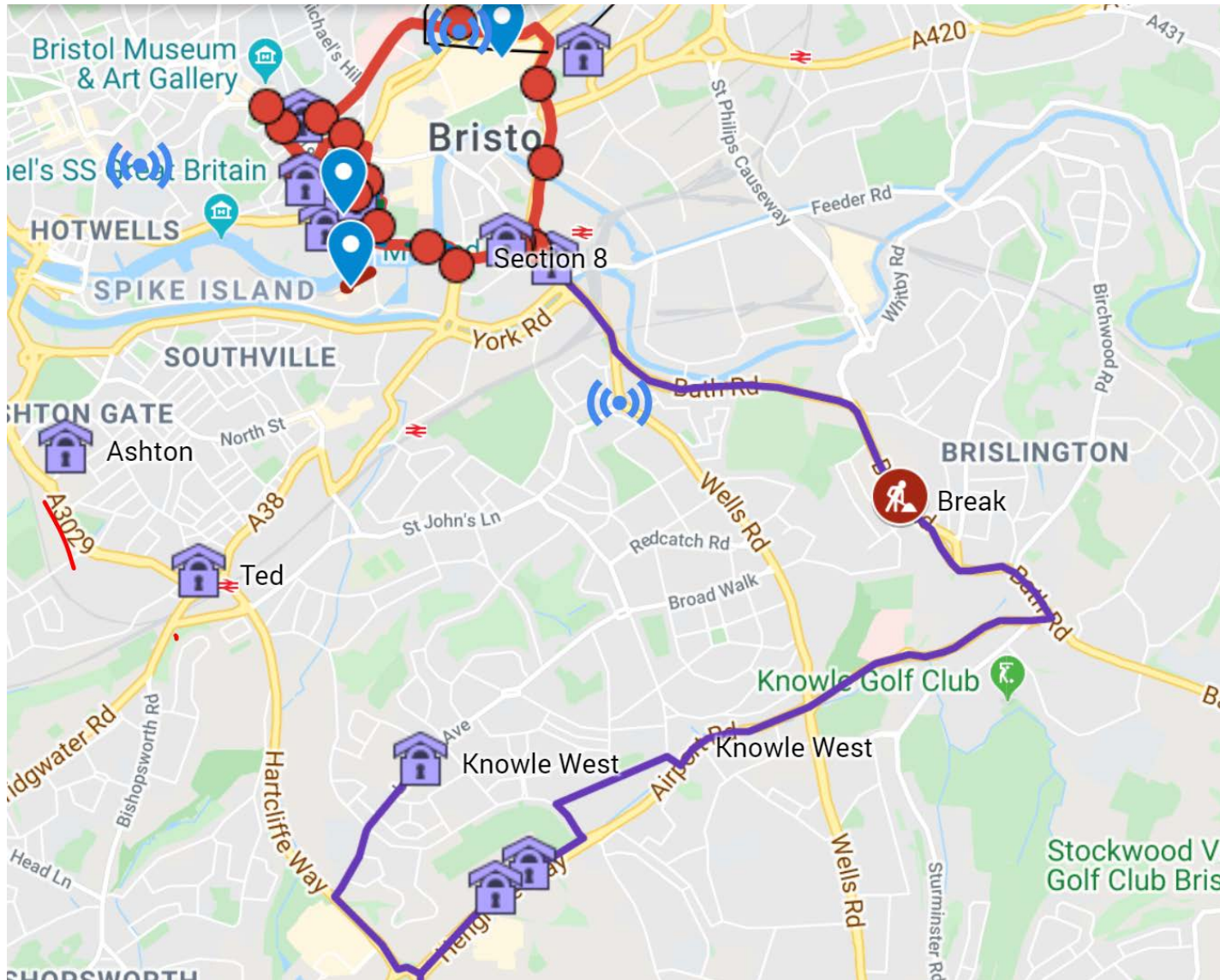
- Direct employment
- Assisting people into employment
- Improved productivity and wages, due to skills gained through training
- Support Technopreneurs
- Support Innovation



Legend:

SITE	Live external asset		
—	Fibre ring		
SITE	Compute Node		Wifi Site
SITE	Existing site		Lora Site
SITE	Planned extension		LTE Site

The OPCR Network



Benefits Accrual - KWMC

The **'Making It' programme** offered a number of training opportunities for predominantly women with a supplementary geographic emphasis on deprived neighbourhoods (low income, low qualified, high instances of lone parenthood and high BAME residency).

Note: The planning & delivery of 'Making It' was part funded by the WIDJET programme (WECA funded), the equipment & infrastructure and remainder of delivery was funded by OPCR.

Taster Workshops

- 11 workshops in Filwood, Hartcliffe, St Pauls, Easton and Southmead
- 111 participants
- 2 sessions for disabled adults, 1 session for homeless women
- Overview of digital design & fabrication
- Designing personal laser cut items
- Sharing next steps for engagement with WIDJET and KWMC, with resources on digital jobs



KWMC
Upskilling/Re-
skilling
workshops. 175
students
attended



Specialist Workshops

- 4 x 2 day workshops
 - Artificial Intelligence & machine Learning
 - Animatronics
 - Wearable Technology
 - Virtual and Augmented Reality
- 52 participants
- Upskilling for better opportunities
- Re-skilling to secure a new job

Main Programme

- 44 applications
- 12 participants
- Re-skilling to secure employment
- 2D & 3D intensive skills training
- Design process & product design
- Self led sessions & guided open access
- Ongoing reflective evaluation & 1-1 mentoring
- Industry showcase

