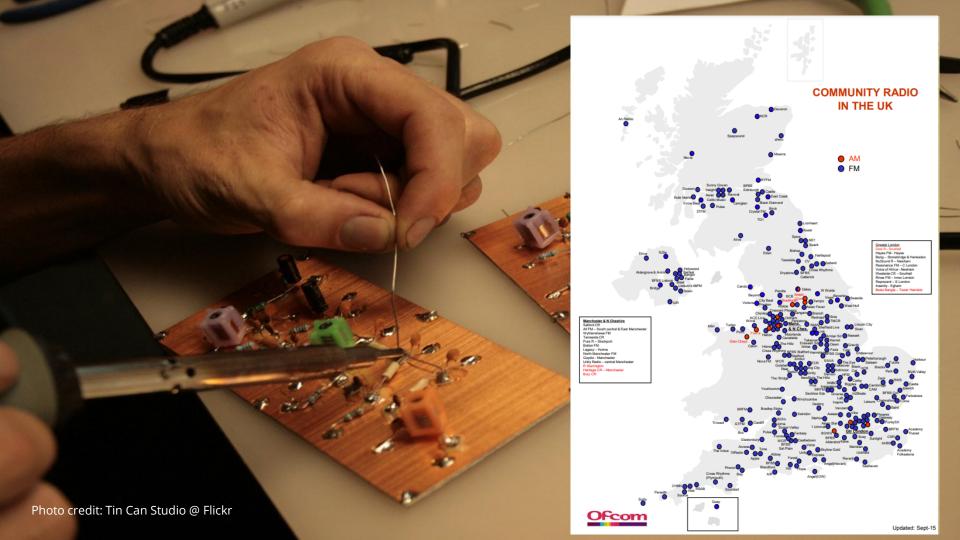


A Little History





Ujima Radio, Bristol

Who we are

How we got here

Why did we want to do so





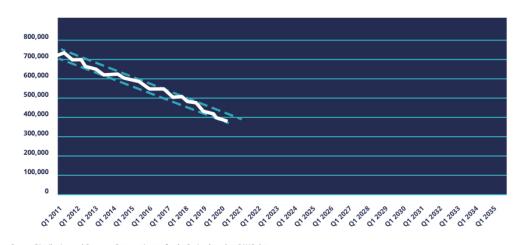
The Decline of Analogue Radio

FM radio listening is about 35% of all radio listening, and declining quite fast

Community radio is almost all on FM

The decline of FM could lead to the decline of community radio

FM - LISTENING HOURS (000s)



Source: Distribution and Coverage Group estimates for the Review based on RAJAR data

The Launch of Digital Radio - "A New Era"

Same small number of established providers

Utilising the same infrastructure

Complicated, constrained, expensive

Little innovation beyond "more audio"



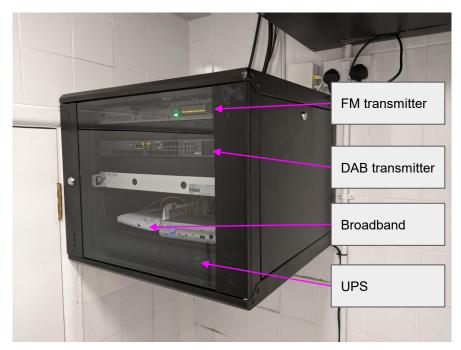
The Weight Of Process Suffocates Innovation

Small Scale DAB Works

Open Source Software developed collaboratively over many years

UK trials proved it can co-exist without disrupting existing DAB services

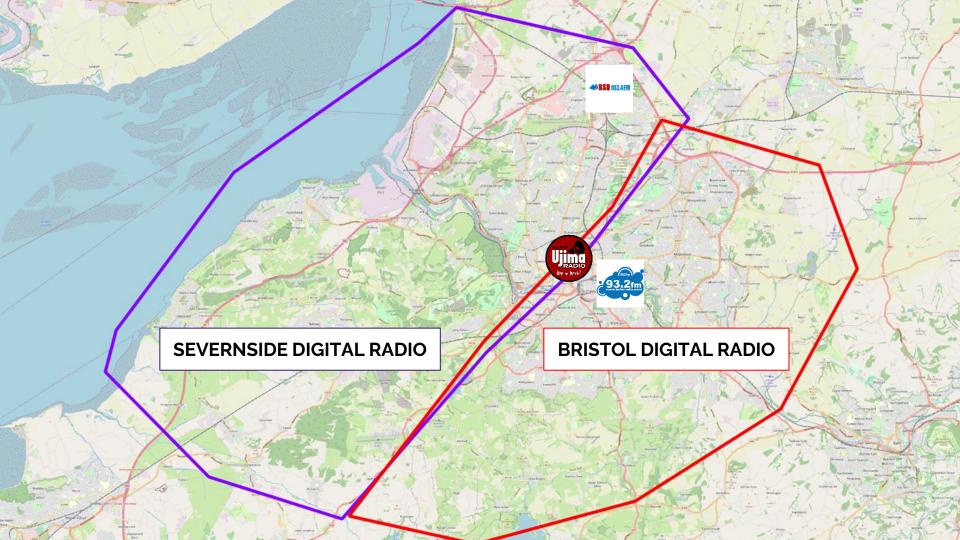
Equipment and operation can be like established community radio - small, and community based



Small Scale DAB alongside community FM

The FUD Was Not Real





Spectrum Value Community Radio

Application Support

Work local contacts hard

Every community station

Every politician

People who wanted to start new **local** radio stations

Stations that wanted affordable digital radio coverage

The people are with us





Appropriate Technology

Appropriate Technology

OpenDigitalRadio multiplexer is absolutely perfect for us. All the features we need and easy for us to add new ones.

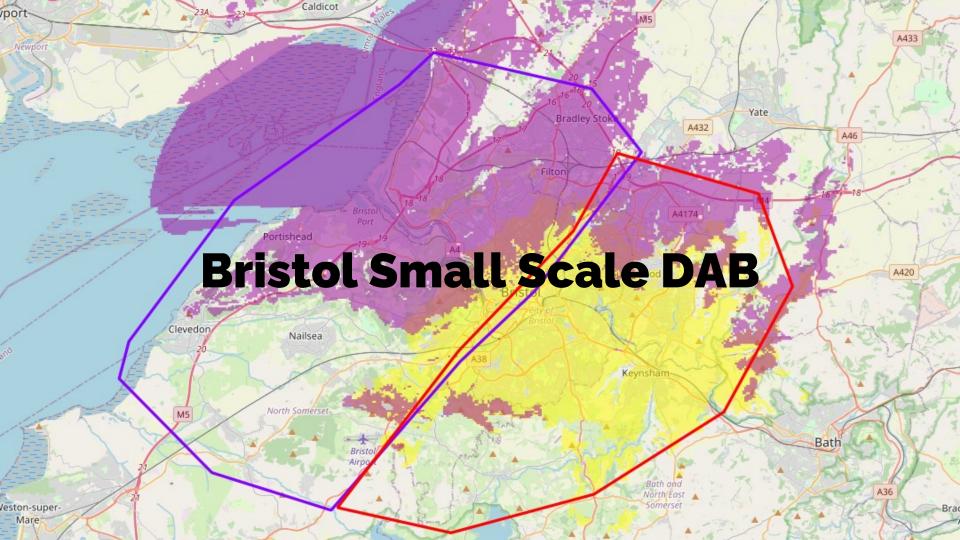
Transmitters, antennas and filters are commercial. We couldn't get what we wanted from SDR units + amplifiers alone.

Connectivity is just standard small business broadband with 4G backup

Minimum Viable Product - a saloon car, not a luxury vehicle







Costs to broadcast

With a radically different cost base...

Community Radio stations pay € 1 / year

Local radio stations pay ~€2 900 / year

Other radio stations pay ~€8 400 / year

We think we're **70% cheaper** than the equivalent existing local DAB multiplex which has only **7** radio stations on it (BBC x 1, Global x 3, Bauer x 3)

Figures

We will cover 530,000 people (95% of the target population)

Community Radio Stations: 7

New **local** radio stations:

New commercial radio stations: 16

Total Stations 23

Three times more variety for listeners than the existing local DAB multiplex - stations that keep people listening to broadcast radio

Our Costs

Total cost of equipment: ~€45 000

Total cost of installation: ~€45 000

Total setup cost per site: ~€18 000

Total operating cost: ~€18 000 / year

Total cost per site: ~€ 3 600 / year

Returned to community stations: ~€35 000 / year

SSDAB is not just about getting more digital radio on-air, and giving more stations the chance to thrive digitally.

It's about flexing innovation and using different thinking to overturn the old expectations of digital radio, and to prove that it can be done in a fundamentally different way.

