



CONNECTIVITY AS A SERVICE

LEADERSHIP BOARD 28 APRIL 2021



BACKGROUND

- APPLICATION TO DEPARTMENT OF CULTURE, MEDIA AND SPORT (DCMS) IN SPRING 2019
 - FINAL SUBMISSION STAGE OF THE LOCAL FULL FIBRE NETWORK (LFFN) CHALLENGE FUND
 - ICT LED ALTERNATIVE APPROACH TO DELIVER GIGABIT CONNECTIVITY
 - OPPORTUNITY FOR TRANSFORMATIONAL CHANGE AT FASTER PACE THAN DCMS APPROACH
 - IMPORTANCE TO FUTURE PROSPERITY OF A MODERN RENFREWSHIRE FOR CITIZENS AND BUSINESSES
 - LEADERSHIP BOARD APPROVAL (DECEMBER 2019) FOR FUNDING (£2M) FOR THE ANCHOR TENANT MODEL
 - ADDITIONAL OUTCOMES FOR THE REGION (E.G. FIBRE TO THE HOME – FTTH)
- FRAMEWORK AGREEMENT ESTABLISHED IN 2020 WITH COMMSWORLD
 - 20 YEAR IS THE MOST APPROPRIATE TERM
 - INVESTMENT FROM CITY FIBRE
 - ICT POOLING EXPERTISE FROM ACROSS COUNCIL SERVICES TO ENSURE SUCCESS
 - ENHANCED CONNECTIVITY AT 180+ COUNCIL BUILDINGS INCLUDING SCHOOLS
 - MORE THAN 70% OF HOMES AND BUSINESSES WILL BE COVERED BY FULL FIBRE BROADBAND



COUNCIL CONNECTIVITY

- WHO ARE COMMSWORLD
- CORE INFRASTRUCTURE BUILD - DRIVING REGIONAL FIBRE INVESTMENT
- TRANSFORMATIONAL BANDWIDTH OUTCOME
 - FULLY DIVERSE 5GBPS CONNECTIVITY TO HIGH SCHOOLS
 - 1GBPS TO PRIMARY SCHOOLS
 - ENHANCED CCTV AND UTC CONNECTIVITY
 - SIGNIFICANT ENHANCEMENT TO COUNCIL INTERNET CAPACITY
- ADDITIONAL SERVICES
 - PUBLIC WI-FI (INTERIM)
- FUTURE PROOFED INFRASTRUCTURE FOR POTENTIAL ADDITIONAL SERVICES
 - TELEPHONY
 - WI-FI
 - IOT
 - SOCIAL HOUSING CONNECTIVITY

Scotland's and the UK's
largest independent
Telecoms Company

Public Sector track
record and experience

Focussed on delivery of
CaaS – underpinning
transformation outcomes
for Renfrewshire Council



COUNCIL CONNECTIVITY - BENEFITS

- FUTUREPROOFED DIGITAL INFRASTRUCTURE FOR THE COUNCIL
- SUPPORT AND UNDERPIN THE COUNCIL'S DIGITAL PARTICIPATION / TRANSFORMATION AGENDA
- TRANSFORM EDUCATION AND LEARNING
- BENEFITS FOR OTHER COUNCIL SERVICES
- COMMUNITY BENEFITS
 - WORKING WITH REGIONAL PARTNERS
 - ENGAGE RENFREWSHIRE
 - CHAMBER OF COMMERCE
 - AMIDS – BENEFITS FROM NEW FIBRE PROVISION



FIBRE TO THE HOME (FTTH)

- CITYFIBRE – WHO WE ARE AND WHAT WE DO
 - THE UK'S THIRD NATIONAL DIGITAL INFRASTRUCTURE PLATFORM
 - A WHOLESALE PROVIDER OF FULL FIBRE NETWORKS, WHICH MAKES THEM AVAILABLE TO INTERNET SERVICE PROVIDERS
 - FOUNDED IN 2011 WHEN BT AND VIRGIN DOMINATED THE MARKET WITH LITTLE INCENTIVE TO INVEST
 - BY 2017 IT HAD NETWORKS IN 40 CITIES – NOW IN 70 LOCATIONS ACROSS THE UK WITH A FURTHER 200 PLANNED
 - IN AUGUST 2020 STIRLING BECAME THE FIRST COMPLETED GIGABIT CITY PROJECT

£4 Billion
investment

8 Million
premises

30% of the
UK

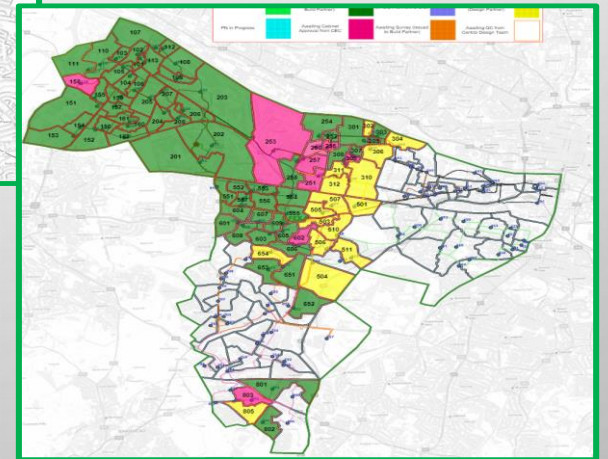
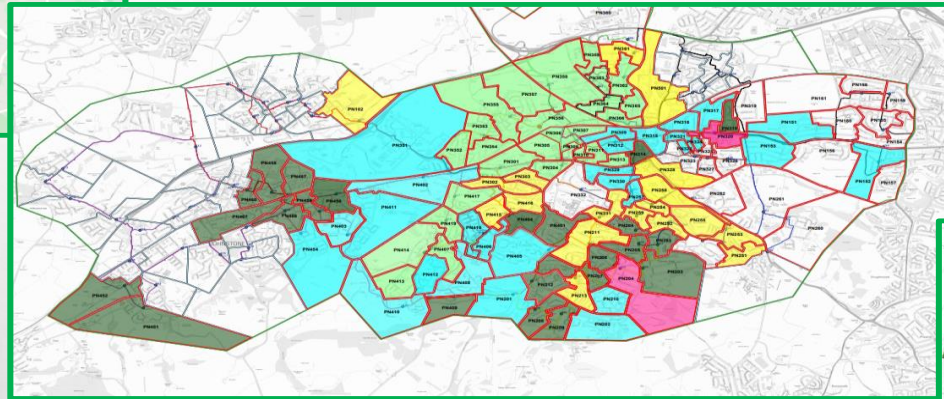
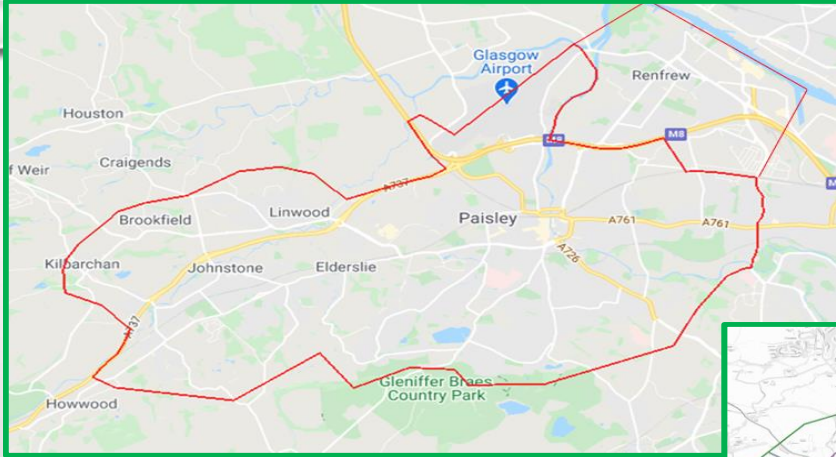


FIBRE TO THE HOME - RENFREWSHIRE

- **£40M** PRIVATE INVESTMENT FROM CITYFIBRE
- MORE THAN **70%** OF HOMES AND BUSINESSES COVERED – **FOUR TIMES** THE UK AVERAGE
- GIGABIT SPEEDS – **50 TIMES** THE UK AVERAGE
- CONSTRUCTION STARTED SUMMER 2020
- FIRST HOMES EXPECTED TO BE CONNECTED IN THE SUMMER
- **TWO** INTERNET SERVICE PROVIDERS (ISPS) LINED UP
- PROJECTED COMPLETION: 2023



FIBRE TO THE HOME – COVERAGE



NEXT STEPS

- ACCESS TO ULTRAFAST FIBRE BROADBAND IS AN ESSENTIAL FOUNDATION FOR ECONOMIC GROWTH & PROSPERITY
 - HELP TO ESTABLISH RENFREWSHIRE AS AN ATTRACTIVE PLACE FOR INVESTMENT, BUSINESSES, JOBS & HOUSING
 - REDUCE BARRIERS TO DIGITAL EXCLUSION = LOW OR NO CONNECTIVITY
 - CONNECTIVITY IS A NEED (I.E. HIGHLIGHTED BY COVID-19 AND LOCKDOWN)
 - GREATER PRODUCTIVITY, MID TO LONG TERM COST SAVINGS AND POSITIVE OUTCOMES
 - CURRENT PROGRAMME OF WORK TO BE COMPLETE BY AUTUMN 2023
 - 'OTHER' FUTURE SERVICES ?
- FIBRE TO THE HOME (FTTH)
 - HOW DO WE ADDRESS THE PAN-RENFREWSHIRE SHORTFALL (CIRCA 25%)?
 - OTHER INITIATIVES SUCH AS R100 (E.G. VOUCHERS), DCMS FUNDING, FURTHER 3RD PARTY INVESTMENT, ETC.?
 - DEDICATED INTERNAL RESOURCE TO INVESTIGATE OPTIONS AND RECOMMEND SOLUTION(S)
 - OBJECTIVE: **TO BE THE MOST DIGITALLY CONNECTED COUNCIL IN SCOTLAND**



CONCLUSION AND QUESTIONS