

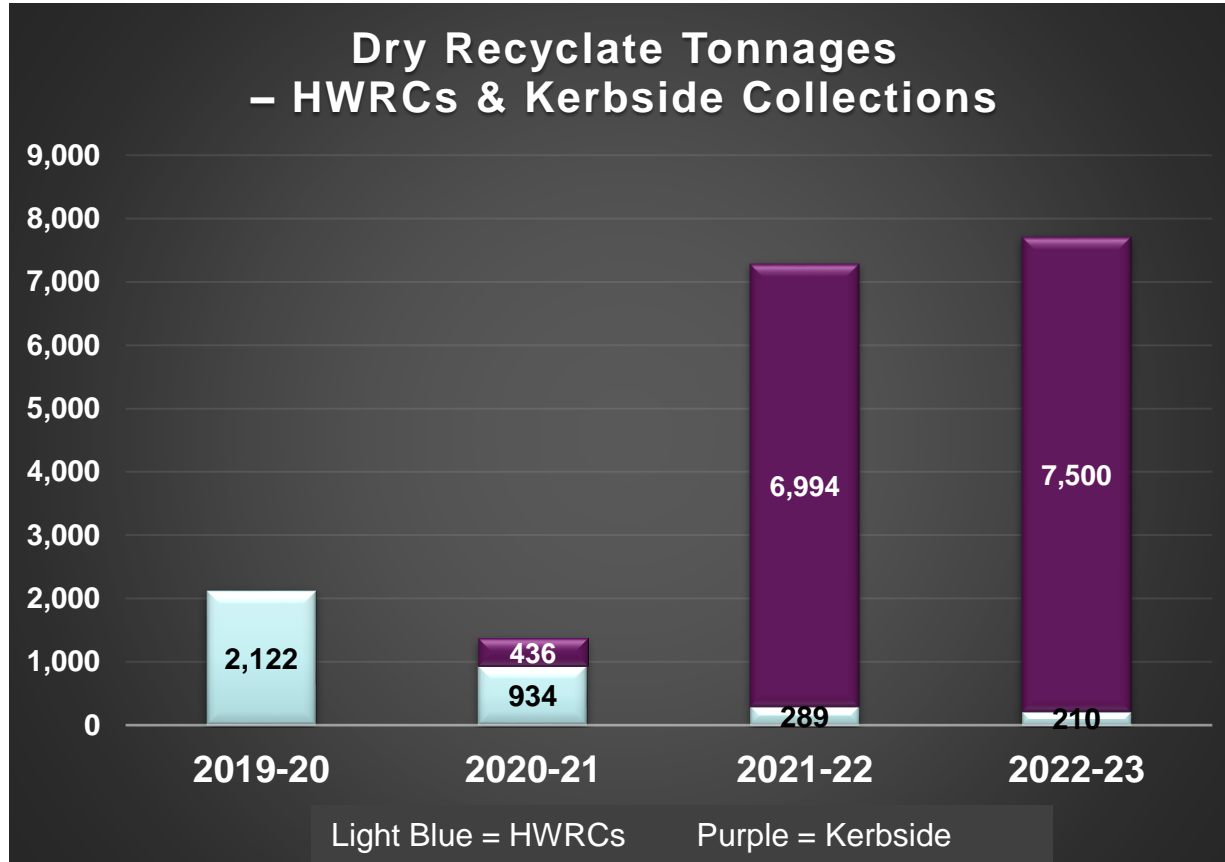
- **Councillor Archie Dryburgh MBE**
- **D&G Council and Chair APSE Scotland**

Joy is a very high frequency current of energy with a great deal of energy content. Somebody who is joyful has a lot of energy.

Gary Zukav

“ quote fancy

A New Kerbside Recyclate Collection Service - Tonnages



- **2019 - 2020:**
 - No kerbside collections – all from HWRCs
- **2020 - 2021:**
 - Covid impacts on service:
 - Wigtownshire collections paused until Nov. 20
 - HWRCs close for 3 months
- **2021 - 2022:**
 - Kerbside collections; staggered roll out to all areas
- **2022 - 2023:**
 - 7,500 tonnes of recyclates kerbside across whole region; (pro-rata Sept 22 – Mar 23).
 - HWRC intake drops to 10% of 2019 rate.

A New Kerbside Recyclate Collection Service - Percentages



Kerbside Collections 2022:

[Percentage by weight - figures are approximate]

- Dry recyclates = 16.5% of residual household waste collected.
- 20% including food waste (collected from 48% of properties).
- 26% including glass (collected at communal recycling points).

Waste & Recycling Collections – Rural Areas



- 24 standard diesel-powered RCVs plus 2 fully electric RCVs on trial.
- 115 routes servicing 75,000 households every week.
- Vehicles can collect residual waste or dry recyclates on different days.
- Approx. 40% of households are in rural areas.
- Longest single run is 144 miles, visiting 1,349 properties.
- Electric RCVs – limited application.

Waste & Recycling Collections – Fully Electric RCVs



- 60 - 80 Mile range (20% battery life remaining; 276 kWh Battery pack).
- Limited range – short runs in urban areas (Dumfries & Stranraer) - has been used on shorter rural routes too.

Technical information:

- Manufactured by Electra (Merc Chassis / Dennis Body / Terberg Binlift).
- 26 Tonne vehicle.
- 10 / 11 Tonne payload.
- Over night charge 22kWh charger
- Ongoing development of telematic information and cost analysis.

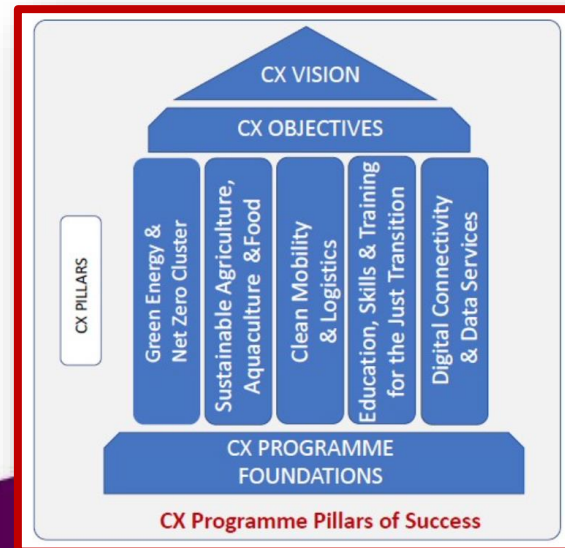


Chapelcross (CX) Site Transformation Programme

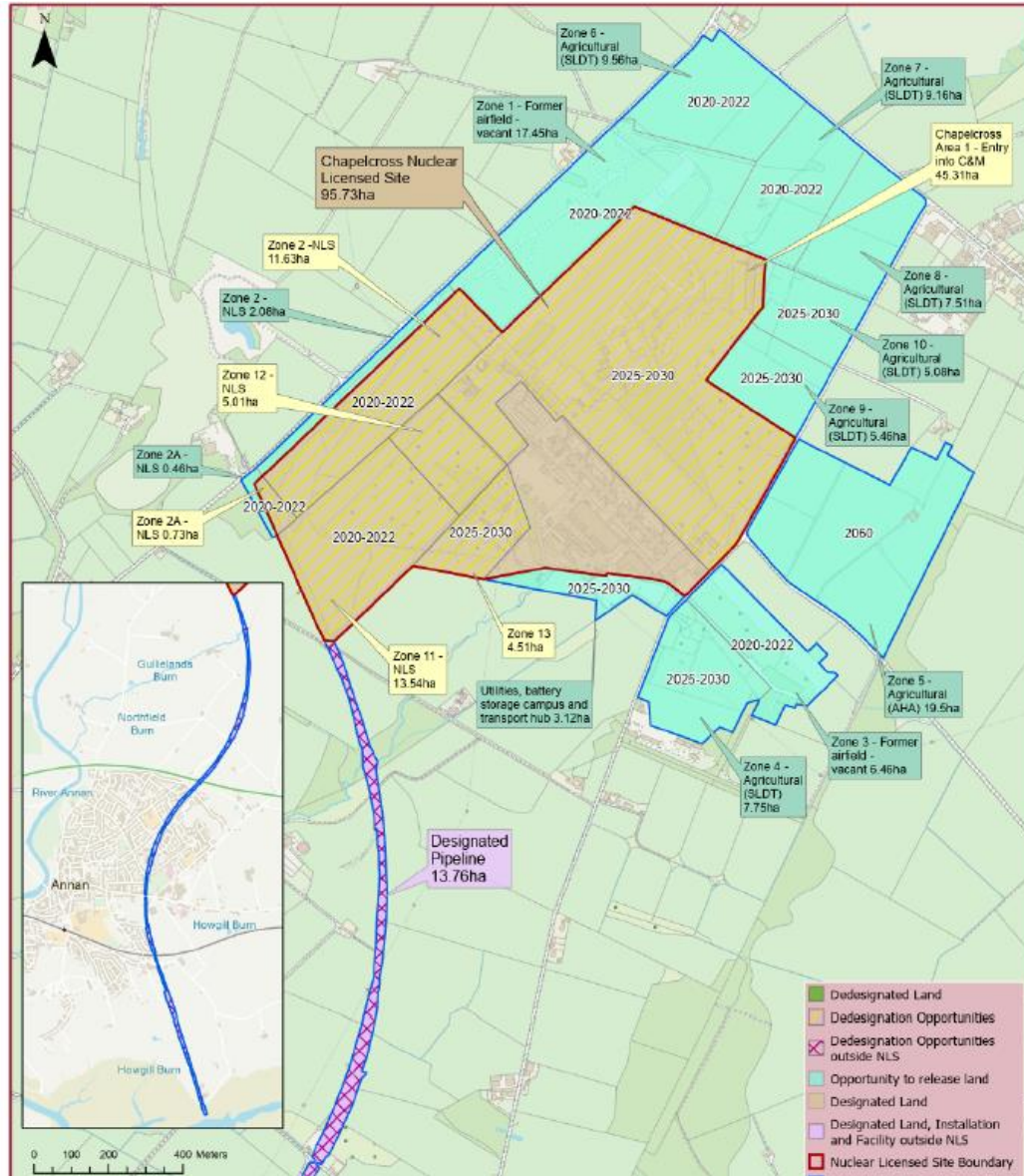
CX Programme APSE

Purpose:

- To explain the opportunities the site provides
- To provide an update on progress



Land Package Availability

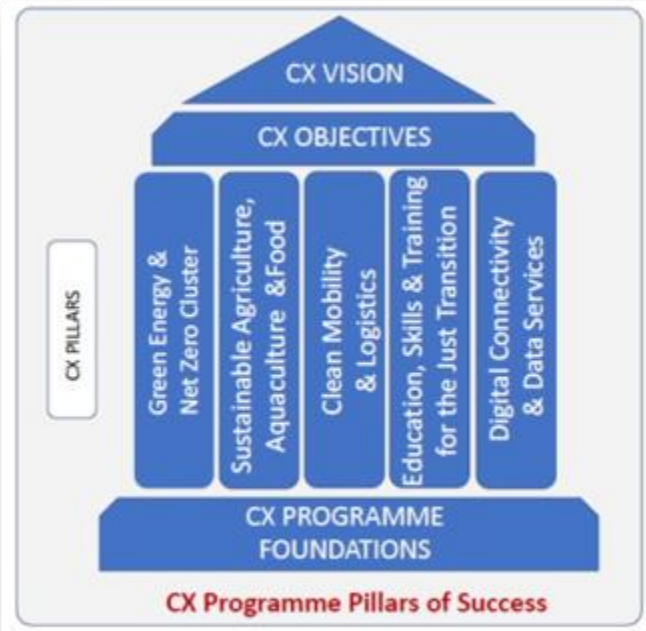


Over 60ha is available now outside the nuclear licensed boundary.

The Local Development Plan supports business, industrial and energy generating development proposals

Plan will be refreshed this year

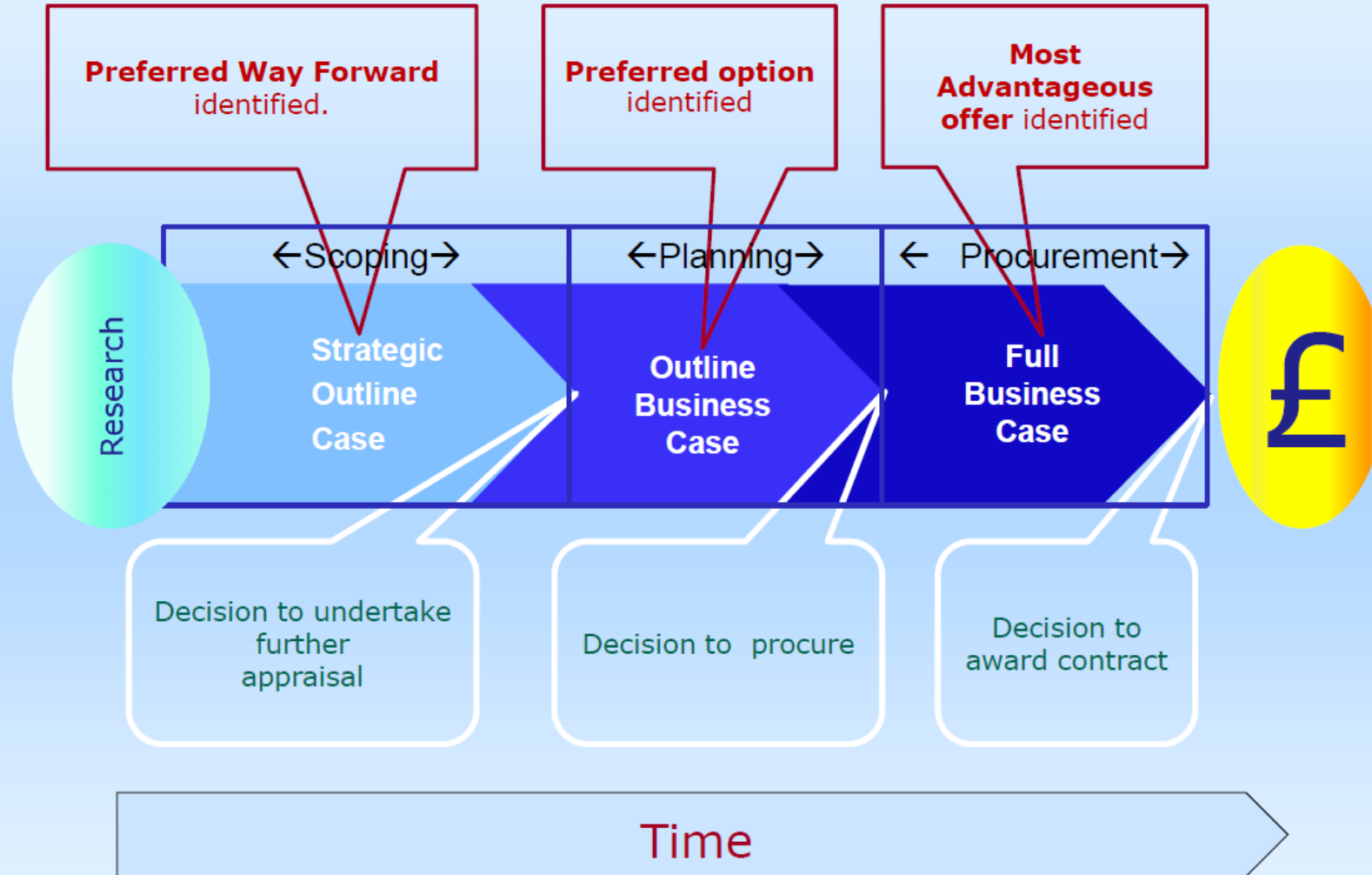
Site Future



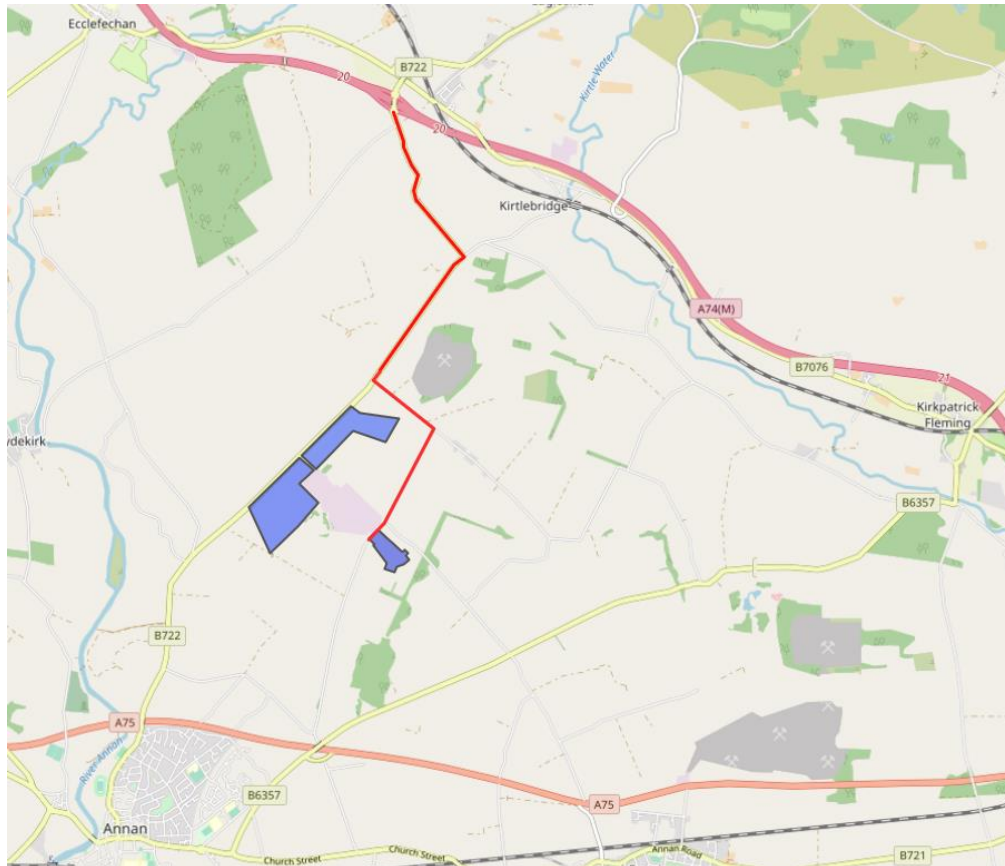
Outline Business Case



Business Case Development Stages



Next Steps



Strategic Development Framework
 Soft Market Testing for a Joint Venture Partner
 Marketing for Renewable Energy Lease



Affordable Housing Development Principles

Stock
transfer
authority

Climate
Emergency
Declaration

Vacant and
Derelict
Sites

Energy
Efficiency

Energy Efficient Scotland: Area Based Scheme

Assist
Homeowners
and private
tenants

Tackle fuel
poverty

Reduce carbon
emissions

Achieve C EPC
rating

Living in a
Passivhaus

Most Challenging Net Zero target in UK

- The Ground Work



Most Challenging Net Zero target in UK

- Where we are now

Citizens Panel

- 12 month programme
- Currently 6 communities of various sizes
- Approx 15 citizens from each community
- Themes emerging are:
 - ✓ collaboration
 - ✓ retaining young people
 - ✓ community wealth & resilience
 - ✓ land management and use
 - ✓ green transport
- Expert witness panels formed
- Discuss groups relevant to how these themes relate to the Route Map to Net Zero

Most Challenging Net Zero target in UK

- Where we are now

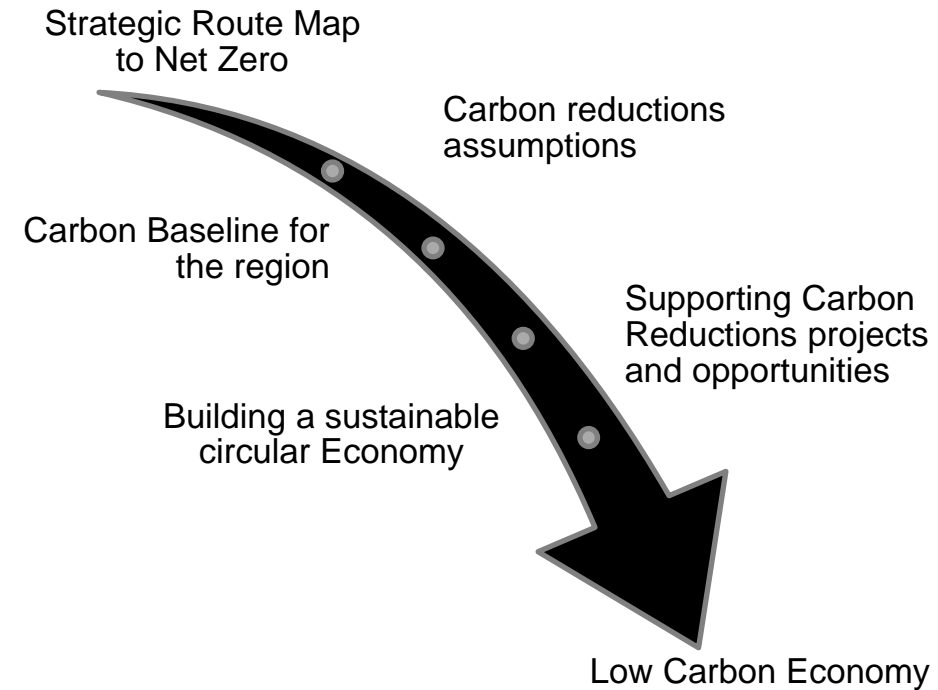
Carbon Literacy Training

- First non-metropolitan Scottish Local Authority to be awarded a 'Carbon Literate Organisation'
- Key delivery Officers and Elected Members were trained
- Working with APSE to roll this out across the organisation
 - ✓ Part of the Elected Members induction training
 - ✓ Senior Management specific training
 - ✓ Development of in-house training

Collaboration towards Net Zero



Carbon Reductions



You may never know what results
come of your actions, but if you
do nothing, there will be no results.

Mahatma Gandhi