











#### ELSECAR FORGING AHEAD



#### INNOVATION. CREATIVITY. HERITAGE. PRIDE.

#### We're proud to reveal a vision for the future of the Elsecar Ironworks.

Based on extensive consultation, we're determined to transform this remarkable historic site, previously the home of Elsecar Heritage Railway, into something which is unique, sustainable, and will thrive long into the future.

This will include a new heritage railway destination, a rail college, advanced engineering workshops, performance arena, public spaces, a 'cultural canteen' café-restaurant and more.

It will be an appropriate and stunning addition to Elsecar. It will attract visitors, investment and jobs to our region, and provide skills and qualifications for our young people and volunteers.

It will help Elsecar provide high-quality and life-changing experiences for our communities, and attract visitors from all across the UK and beyond. It is a vital part of our vision for Barnsley 2030 and our new Cultural Strategy, and a legacy of our Heritage Action Zone partnership with Historic England.

We have already secured funding for the core Heritage Centre site and its event space from the Cultural Development Fund. By early 2025, that investment will mean transformed public spaces and buildings, including a new event space, new workspaces for businesses, new museum galleries and more.

The redevelopment of the Ironworks site and heritage railway will not happen straight away. We need to secure funding and it will take time to deliver. This vision is the starting point for something special for Elsecar.



### ELSECAR then and now





#### It is an extremely exciting time for Elsecar and the surrounding area. The village's heritage is now recognised to be internationally important and Elsecar has a proud history that can inspire the future.

Built for the aristocrats of Wentworth Woodhouse, Elsecar was a thriving centre of industry and innovation.

Its heritage is now understood and protected. Thanks to our recent Heritage Action Zone with Historic England, the village's heritage is protected by extended conservation areas, new Scheduled Ancient Monuments and most of its historic buildings are now listed, many at Grade II\*. The mighty steam engine at the New Colliery, the oldest in place anywhere in the world, has been rescued and restored.

A record number of people now visit Elsecar. It's one of South Yorkshire's favourite places. The heritage centre is home to dozens of independent businesses. Its events programme goes from strength to strength. The village's award-winning park, green spaces and historic canal provide special days out and treasured memories.

Very exciting plans are being developed for the future and what Elsecar can mean for the communities of Barnsley and South Yorkshire. Those plans have already been shaped by hundreds of local people, visitors and partners who have shared their ideas and thoughts.



## ELSECAR IRONWORKS then and now

#### Forgotten and hidden for over a century, the remains of the once-famous Elsecar Ironworks are amongst the best-preserved and most important industrial heritage sites in Europe.

In the 1990s, the significance of the site was not understood. A replica train station was built, but in a way that we now know wasn't appropriate for the historic site. Volunteers went on to operate the heritage railway with dedication and passion for many years, but it ultimately proved unsustainable and the lease to the land was handed back to the council during the COVID pandemic.

Since then, engineers, architects, archaeologists and other specialists have worked hard to identify how a new heritage railway can be established in a way that is appropriate, sustainable, and meets the hopes and expectations of local communities and visitors, on a site recently designated a Scheduled Ancient Monument.

The Ironworks has now been designated a Scheduled Ancient Monument.

All its buildings are now Grade II\* listed, except the replica train station built in the 1990s on the site of the furnace sheds.











# ELSECAR

A Celebration of Innovation

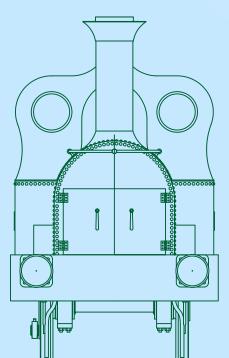


- Elsecar was created to be a village at the **forefront of the industrial revolution** and technological innovation.
- For decades, its two ironworks and collieries developed and adopted **cutting-edge technology**. There was intense discussion and debate about the **latest inventions and techniques**, all put into practice by the heat of the furnace and deep underground.
- Elsecar's collieries were at the cutting edge of industrial technology. Earl Fitzwilliam's Mines Superintendent, Benjamin Biram, led the world in **colliery innovation**, with several **breakthrough inventions** to his credit.
- We are immensely proud to look after the 1795 Great Engine, the world's oldest steam engine still in situ, anywhere in the world. That engine was rescued and restored in during 2011 to 2014.
- Our two ironworks were responsible for astonishing achievements, including **mighty bridges** and engines, sent all around the world and marvelled at by royalty.
- The village has **proud associations with makers, inventors and innovators**, from bridge-builders like John Rennie and the Brunels to engineers such as James Nasmyth, who worked with Earl Fitzwilliam to fit out the New Yard Workshops with the latest technological advances.



### PROUD Railway Heritage





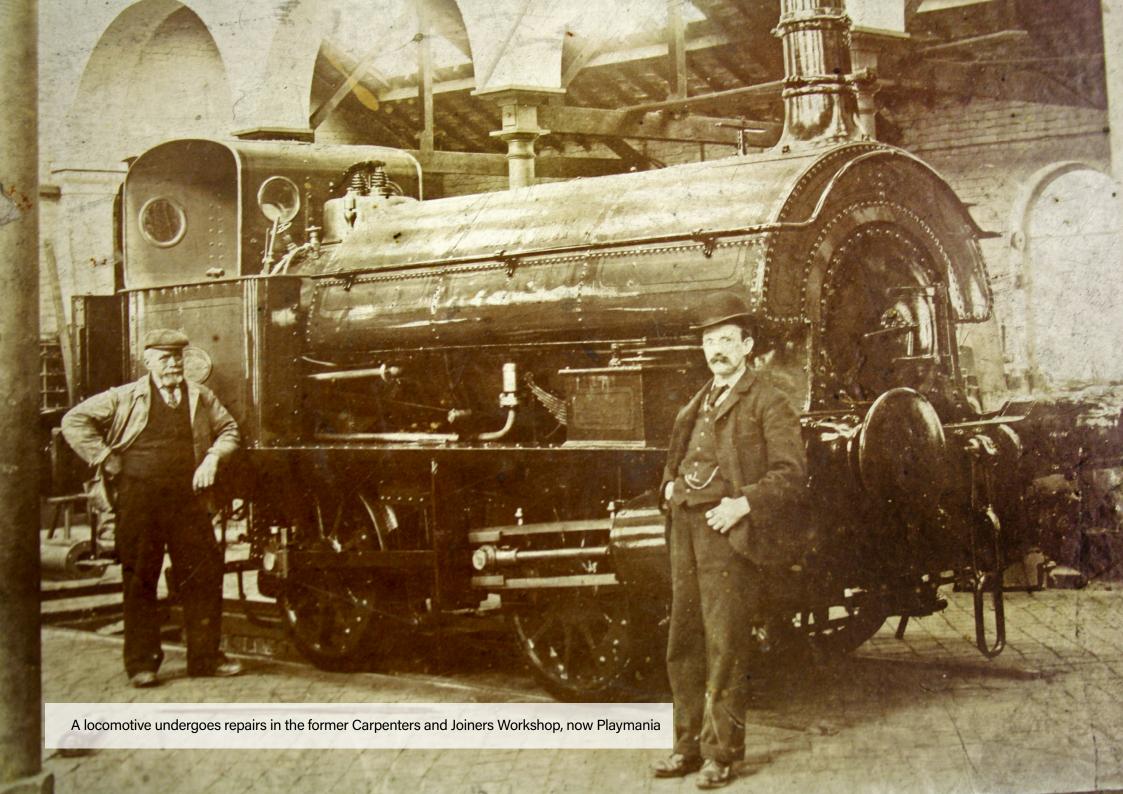
Horse drawn tramways once linked our collieries, iron mines and ironworks, to each other and to our canal basin. As the new railway age took hold, a standard gauge railway was driven through to Elsecar in 1850, to transport the village's iron and coal across the UK, to the east coast and around the world.

An impressive private railway station was then built in the New Yard for Earl Ftizwilliam in 1860. Special guests including Royalty used the station, a unique example of railway architecture and now home to a children's nursery.

The line linked collieries, ironworks and other industrial sites along the Elsecar Valley, now rich in heritage, stories and post-industrial habitats. The line was reinstated to Hemingfield in the 1990s, on which dedicated and skilled railway volunteers ran historic trains for over 20 years.

The valley includes our original Georgian Canal, its towpath is now the Trans Pennine Trail, recently widened and transformed, and the historic railway line alongside.





#### The vision

An appropriate and stunning addition to Elsecar, which will attract visitors, investment and jobs to our region, and provide skills and qualifications for our young people and volunteers. It will provide high-quality and life-changing experiences for our communities and attract visitors from across the UK and beyond.



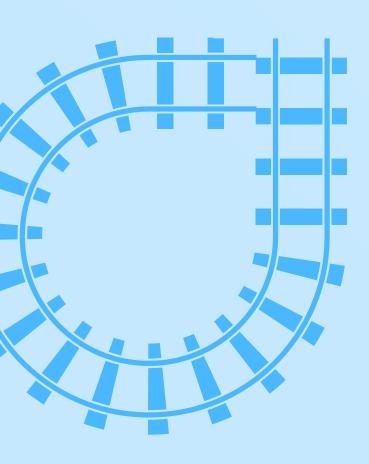
### A new vision for the ELSECAR IRONWORKS



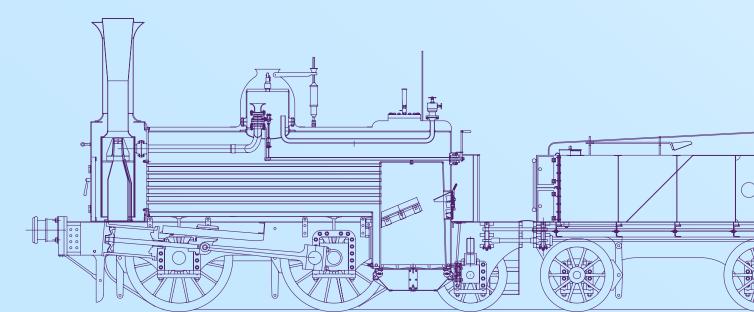
#### Our new vision for the former Elsecar Ironworks, the site of the Elsecar Heritage Railway, includes the following:

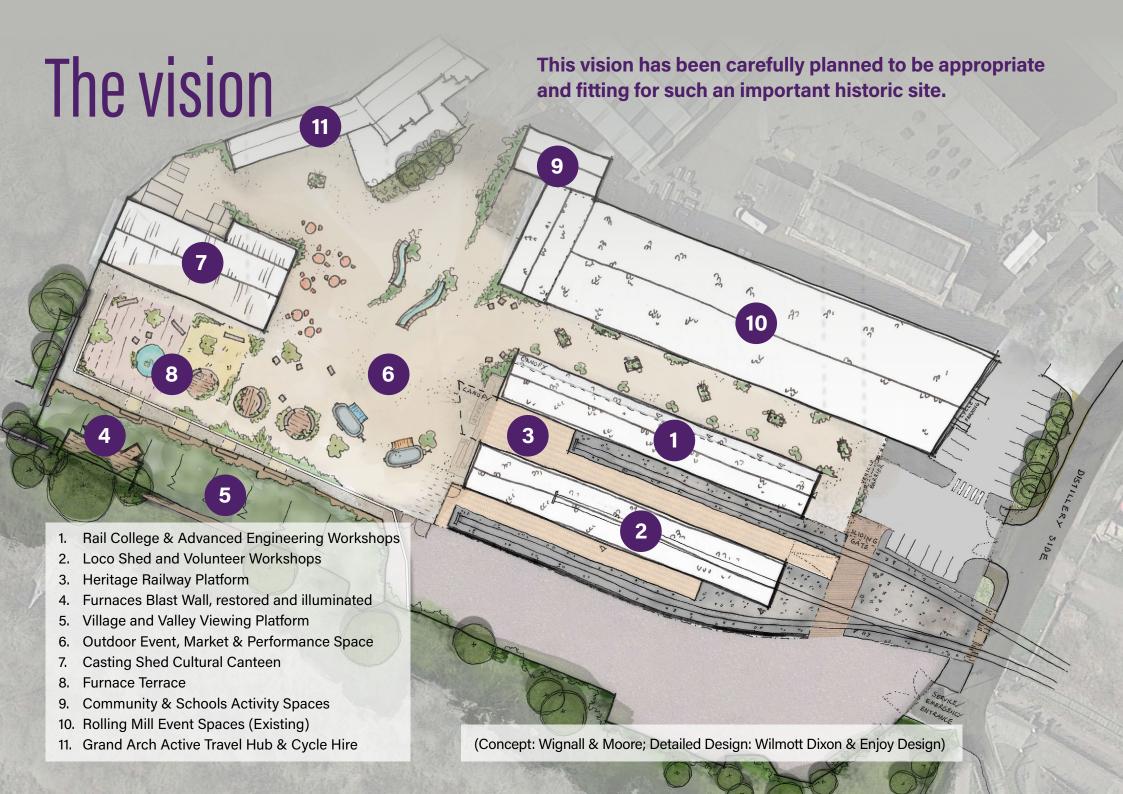
- A major new heritage railway attraction, celebrating early Victorian engineering, Yorkshire innovation, and a remarkable track route, sharing stories of its industrial use and its aristocratic and Royal passengers
- New rail college, with a new partnership and technology test track, that will see students qualified in railway engineering and engineering companies innovating on a new test track
- Advanced engineering workshops, to provide new spaces for innovation, create jobs and act as a public showcase of Yorkshire innovation to 750,000+ visitors each year
- Spectacular reconstructed 1849 'Fitzwilliam' sustainably fuelled locomotive, already designed using advanced engineering by specialist engineers
- Focus on **sustainability and innovation** throughout the site, including heat pumps, PV panels and the potential to use mine water
- Major outdoor performance and event area, set against the spectacular, restored and illuminated archaeology of the Elsecar Ironworks Blast Wall

### A new vision for the ELSECAR IRONWORKS



- The ironworks casting shed will be restored and transformed into a new 'cultural canteen' with creative performance space, café-restaurant and visitor facilities to support the new development.
- Active Travel and Cycle Hire Hub, with facilities for walkers and cyclists to explore the valley and Trans Pennine Trail
- Viewing platform high above the furnaces, from which to look over the village and historic valley
- A **new station halt is planned at Elsecar Low Colliery**, now renamed Hemingfield Colliery and a Scheduled Ancient Monument in community ownership.





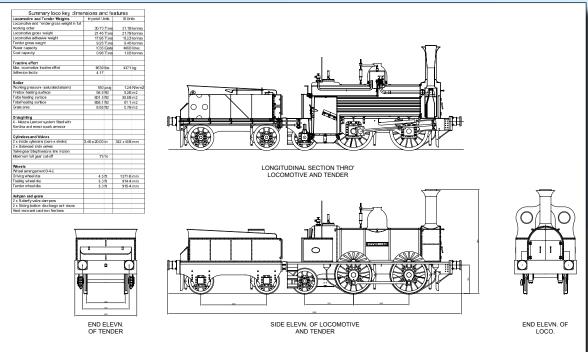
# The ELSECAR IRONWORKS Scheduled Ancient Monument



#### An appropriate development for a very special place.

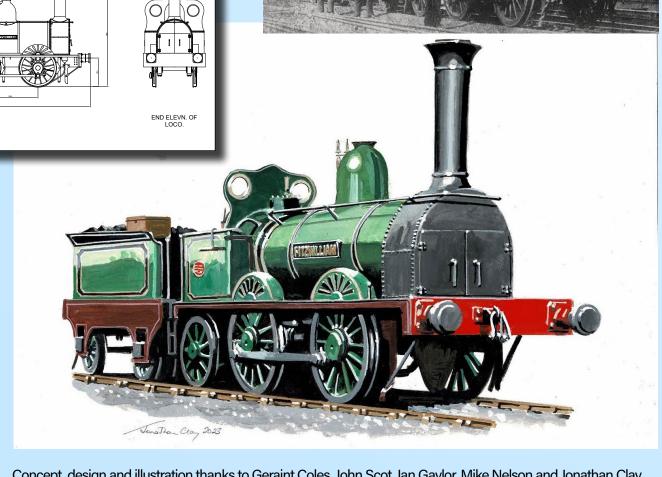
- Spectacular new buildings are **inspired by the Victorian furnace sheds that stood here,** as part of Earl Fitzwilliam's carefully planned industrial village.
- They have been **carefully designed to complement the built heritage of the site**, in close partnership with Historic England as part of our Heritage Action Zone legacy
- The whole ironworks will become understandable as one the world's most complete historic industrial complexes
- All the sites will be open to the public, creating quality places for communities to spend time and experiences to remember, day and night
- Public art, historic ironwork installations and high-tech interventions will share stories of Yorkshire's historic innovators, at the heart of one its great ironworks
- New **station halts and stopping points along the historic valley** will allow visitors to explore its astonishing sites and natural habitats.
- Historic ironwork from the 1990s replica train station will be used at appropriate locations to celebrate railway and ironmaking heritage
- Extensive archaeological digs have revealed the remains of the old furnace building floors, and columns and evidenced there is no earlier archaeology below.
- Extensive bore-holing has provided the information about **ground conditions and underground coal workings** required by architects and structural engineers to successfully design the scheme.
- Laser scanning has created a record of the village's mighty blast wall so a restoration and conservation programme can be designed.





The 1849 Fitzwilliam locomotive, to be reconstructed using advanced technology and to be powered by sustainable fuel.

Together with historic guest locomotives and carriages, including a reconstructed carriage from the National Railway Museum, it will provide a spectacular sight and visitor experience travelling along the Elsecar Valley.



Concept, design and illustration thanks to Geraint Coles, John Scot, Ian Gaylor, Mike Nelson and Jonathan Clay

### What it will MEAN

This development
will be a further
major step in what
Elsecar means for
our region and for
the UK

It will reinforce and further Elsecar's position, working in close partnership with local partners, as being one of the North's favourite visitor destinations

Estimated 200 jobs supported and 40 new jobs created

More visitors to Elsecar and our region, balanced through the week and all throughout the year

Meaningful
experiences for
families and our
communities, creating
safe places to have fun,
be inspired, learn, play
and explore

Elsecar visitors to spend up to over £24 million annually

New development to mean £7.4m+ annual impact for our economy

Opportunities and training for 150+ volunteers each year

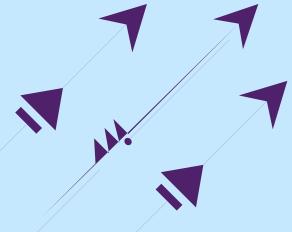
A major boost to South Yorkshire tourism, linking railway, industrial heritage and wider tourism across the UK and Europe

More than **400 young people trained and qualified** in trackwork
engineering each year

A celebration of an innovation and engineering heritage that South Yorkshire can and should be proud of, and be inspired by, now and into the future

### Taking this VISION forward





- Local residents and visitors will be invited to consultation events and special hard-hat tours of the historic site from the New Year, to explore its archaeology and discuss its future
- **Volunteers will be at the centre of this project** as we go forward, contributing to research, design, archaeology, artwork and creative installations, events and activities, and much more, including the future operation of the heritage railway.
- A new **Community Stakeholder Group** is being established, that will meet regularly and be closely involved in this and other major projects at Elsecar over coming years.
- Engineers and archaeologists will continue to examine and appraise historic structures to establish the best way to save and conserve them for the future.
- We'll continue to work with partners across Yorkshire and the UK to continue to maximise the impact for our region.
- Careful planning is taking place to encourage **active travel** and **use of public transport** to the village, improve **car parking infrastructure** and ensure the popularity of the village does not impact negatively on local residents.







#### Next STEPS

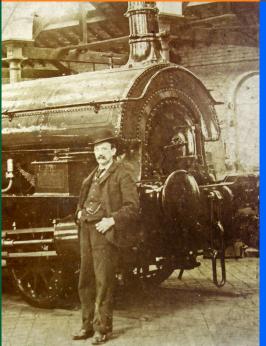
We'll work in partnership locally, regionally and nationally to celebrate this rich heritage and create unique unforgettable experiences for our visitors and communities.

A reconstructed 1830s rail carriage from the National Railway Museum and 1820s railway bridge nameplate from the National Coal Mining Museum will be put on display in 2024-5





Engineering companies and apprentices from our region will start to plan building the grand 1849 Fitzwilliam locomotive, designs for which have been completed using sustainable fuels.



Special events, activities and behind-the-scene tours in the New Year, at first for local residents, will discuss how this vision can be taken forward.

