

SteelMatters

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Your community magazine

RICHARD BURTON RACE RETURNS



The proud people of Port Talbot – all 1800 of them – ploughed through the Afan Valley to raise more than £30K for their community and chosen charities

On Sunday, 7 November, the most iconic race in the entire Welsh calendar returned to the streets of Cwmavon for a spectacular showdown.

The Tata Steel Richard Burton 10K and Kevin Webber Mini Miler are no strangers to the Port Talbot community. Since 1982, they have secured their places as the most anticipated and well attended races in town.

This time around, children and adults gathered in their thousands to participate in the historic Richard Burton race, while a number of VIP guests and community heroes stood in the sidelines to cheer on the runners raising money for several different causes close to their hearts.

Following a year of virtual celebrations caused by the pandemic, Race Director and Steel Hero Shaun Tobin felt determined to bring everyone back together, in person once again. It was apparent

that the eagerness and excitement to do so had never been stronger.

On the day, Shaun commented, "The sheer turnout and support we have received today has just been phenomenal – not that we expected any less from the passionate, proud people who make up our community.

"Each year, we see people gather in their thousands, not just from the Neath Port Talbot community, but from far and wide, to plough through the streets of the Afan Valley to raise money for their chosen charities."

He continued: "And now, the need for the race has never felt stronger, so we're thrilled to have been able to accommodate this under slightly more normal circumstances this year."

While raising plenty of cash and having bags of fun were the main priorities for all who participated on the day, there was an obvious need

for safety precautions in line with the latest restrictions.

Shaun commented: "It was important for us to make sure everyone was kept safe as promised, so we ensured that Covid-19 appropriate regulations were in place, while staggered starts were issued to allow for a breathable event."

"But most importantly, we would have never been able to make any of this happen without the continuous support from our community and from our steel family sponsors, Tata Steel and Runtech – so a massive thank you as always.

"Absolutely everything raised goes back into the community and to grassroot charities – and that's the best thing about this fantastic race.

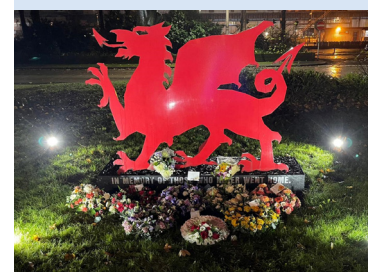
● **And those who stole the winning titles were: Dewi Griffiths of Swansea Harriers who was the first man to finish the RB10K at**

31:32 and Donna Morris of Builth and District was the first female to finish, with a time of 37:34. Impressive!

● **Did you miss out on the infamous Richard Burton Road Race? No fear! You can catch up via our social media feeds. From Facebook Lives, to action shots from the day – you can meet the organisers, fundraisers, runners and community members and become immersed in the race's fascinating history. Scan the QR code below to catch up!**



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Steel on the telly



ITV's Carole Green visited Port Talbot's Casters for a programme ahead of COP26

As energy-intensive industries across the world feel the impact of rocketing energy prices, and with the UN Climate Change conference COP26 dominating the global stage, UK media outlets are expressing a renewed interest in the steel industry.

Both ITV Wales' Carole Green and BBC Wales' Sarah Dickens visited the Port Talbot site to talk to the company about the impact of energy and raw material prices, as well as our own journey to decarbonisation.

At the same time, GB News commentator Nigel Farage came to the town to talk to local MP and long-time supporter of the industry, Stephen Kinnock, and local residents in the Twelve Knights pub.

Martin Brunnock, now Director of Communication, spoke to both BBC and ITV. He said: "We always like to welcome the media onto our sites as it gives us an opportunity to talk to them and their viewers about the amazing things we do here, and on this occasion our actions and aspirations to reduce our energy usage and carbon footprint."

• **ITV's Sharp End programme featuring Tata Steel UK was broadcast on 1st November 2021. If you missed it you can catch up by scanning the QR code below to watch the programme**



POWERING TOWARDS LOWER CO₂ STEELMAKING IN THE UK

Journey to net zero carbon

A new 30-megawatt generator at Port Talbot will reduce its energy bill by millions of pounds every year, at a time when energy prices are rocketing.

At the same time the huge generator brings environmental benefits as more process gases from the blast furnaces, steelmaking plant and coke ovens can be converted into useful energy – reducing emissions from external power generation by more than 40,000 tonnes of CO₂ a year.

As part of a wider £37 million investment of the site's power station, the generator has been installed in a new turbine hall. The project also included creating a new landscaped area which has been planted with by Kidney Vetch – the main food source of the UK's smallest resident butterfly, the Small Blue.

Project Manager, Guy Simms, said: "Our on-site power plant uses process gases to heat water into steam, which then drives a turbine - like a propellor. This, in turn, drives an electrical rotor to generate our own electricity.

"We have a number of these 'turbo-alternators' but not enough to use all the steam we can create.

"This latest addition, Turbo Alternator 4, however, will make a step-change to our energy-generation capacity. We've been hot commissioning the plant, and have run it up to its capacity of 30



Commissioning Engineer Roger Horton and Power Plant Competency Assessor Darryl Thomas at Port Talbot's new 30MW turbo alternator, which will save money and be better for the environment. The building is also wrapped in Shotton Colorcoat steel

megawatts."

And Guy explained there are environmental benefits, too. "Without this generator, we'd not only be forced to flare – burn off – our excess process gases, we'd also be buying more electricity from the national grid. The UK still uses a substantial amount of fossil fuel for its electricity generation," he said.

"So this investment effectively reduces our offsite carbon footprint by 30MW worth of electricity generation which equates to about 120 tonnes of CO₂ a day or 43,800 tonnes of CO₂ a year."

He concluded: "It has been a gargantuan effort from all the employees and contractor partners involved. And while there have been some setbacks along the way – not

least with the pandemic – when you consider the payback from such a big project could be less than a year, all that hard work will be worthwhile."

“This investment effectively reduces our offsite carbon footprint by 30MW worth of electricity generation which equates to about 120 tonnes of CO₂ a day or 43,800 tonnes of CO₂ a year”

MAKING BETTER MASKS

Face masks are now a big part of our life: the number of disposable masks manufactured in Europe now stands at 1.5 billion per month, 20 times more than pre-pandemic levels.

It's rare to walk a street and not see a discarded mask gathering footprints.

The dramatic increase in use presents a new waste disposal challenge and there has been little research previously done into how surgical masks behave in the environment at the end of their life.

But would it put a skip in your step to know that Tata Steel is contributing to new research into how face masks break down and what effects they have on our environment?

Swansea University called on the skills of Dr Gareth Davies and Kate Johns at our Harbourside Laboratories to support Covid-related research.

The project sought to understand what chemicals can leach out of face masks if they are buried or submerged in water.

This information will help manufacturers to improve the sustainability of masks in the future.

The work was led by Dr Sarper Sarp (Chemical Engineering) and SPECIFIC, a knowledge centre and leading body on UK innovation, and sponsored by EPSRC with Swansea University College of Engineering.

Gareth and Kate are usually neck-deep in carrying out environmental water testing to ensure that we comply with operating permits and keep our sites clean. One of the specialist techniques that they use was ideally suited to this project.

Kate said: "The research is important for landfill waste management and to understand how discarded masks might affect our water courses. Even tiny amounts of microplastic or trace metals can accumulate if it comes from a lot of masks."

Gareth said: "The ICP-MS technique was perfect as it can measure concentrations down to levels of one part per billion, equivalent to a teaspoon of salt mixed into an Olympic sized swimming pool."

Gareth and Kate have been credited as co-authors on a paper which has been submitted to ACS ES&T Water, a scientific journal on



Kate Johns and Gareth Davies, the familiar faces behind tomorrow's masks

water quality.

Peter Barnes, Section Manager, Harbourside Laboratories, summed up: "This is the latest in a number of successful collaborations between Tata Steel and Swansea University. Usually it is for Tata-sponsored projects that improve our

manufacturing processes.

"But in this case, it was good to be able to support something that affects us all in these unprecedented times.

"As always it goes to show that the whole is greater than the sum of its parts. Thank you Gareth and Kate."

REMEMBERING PORT TALBOT'S BLAST FURNACE 5 TRAGEDY

Managers, Trades Union representatives, steelworkers and contractor company leaders gathered at Port Talbot site's memorial garden to mark 20 years since one of the most tragic days in the industry's history—the explosion of Port Talbot's Blast Furnace 5 which resulted in three colleagues losing their lives: Stephen Galsworthy, Andrew Hutin and Len Radford.

Tata Steel UK Chairman Sandip Biswas said: "We remember those who died and the many more who were injured on that tragic day.

"It is also a time to reflect on the impact that event had on colleagues, friends, families and the whole community, and the painful memories which continue to the present day."

Along with others across the world, the UK steel community remembers all those who have been injured or killed at work on World Steel Safety Day / Workers' Memorial Day on 28 April each year.

Sandip continued: "It is appropriate that we pause today to mark the 20th anniversary of an event that shook the steelmaking world—I will never forget the day I heard the shocking news in India."

Twenty years on from the moment the explosion took place, 17:13, workers paused for a



Remembering those that died and were injured as a result of the Blast Furnace 5 tragedy in 2001

minute's silence to remember and pay their respects.

Sandip added on behalf of Tata Steel and its on-site contractor partners: "Painful though such memories are, it is important that our companies and our workforces continue to remember them such that we may become an ever-safer, healthier workplace for all."

“ Along with others across the world, the UK steel community remembers all those who have been injured or killed at work on World Steel Safety Day / Workers' Memorial Day on 28 April each year

Sandip Biswas

View from the top

Paving the way for the future

Having previously worked for Tata Steel in India, the ethos of the Tata Group of companies is very strongly ingrained with me and many of my Indian colleagues who are now joining the UK business.

Our founder Jamsetji Tata said: "The community is not just another stakeholder in our business, it is the very reason for its existence." I have been delighted to see that philosophy also embedded here.

And while our industry and its supply chains continue to provide thousands of rewarding jobs supporting local economies, it is also important that we take part in society by supporting charities, good causes and community activities close to our sites.

It also gives me great pleasure to see so many local apprentices and graduates join us again this year.

We've been in the news recently not only because of the effect high energy prices have on our business, but also the recent COP26 summit which has brought focus on energy-intensive industries such as ours.

For many years we have been investing in schemes that not only reduce our material and energy costs, but also minimise our impact on the local environment and the climate; we will continue to make this one of our top priorities. As an example, we're delighted to have started up our new £37m 30MW electricity generator that uses waste gases from our steelmaking processes; it's a real economic and environmental win.

Of course, our steel is also part of the solution to climate concerns, being essential for products such as wind turbines, electric cars and recyclable food packaging.

And while we continue to pursue breakthrough technologies for steelmaking on our Port Talbot site, we are also looking for the UK Government to develop breakthrough policies to support foundation industries such as ours.

Success for our industry in the UK will not come without the continued support of our communities, our suppliers, our customers and our legislators; for that we are truly grateful.

Surf, Steel and Sand

Despite the darker nights and unpredictable Welsh weather, one surf school has continued to bring local children and families together, to connect socially, physically and mentally through their shared passion for surfing.

A local Community Interest Company, Surf School Wales has hosted regular sessions and events for all ages, as well as five monthly kids clubs this year. They have provided new rash vests and surf school certificates to attendees, and have even refurbished their head-

turning headquarters thanks to a special partnership with Tata Steel.

Surf School Wales owner Liane Thomas reflected on this year's sessions with fondness. She said: "We were thrilled to finally host our last Kids Club of the season last week during a crisp October evening. Thanks to Tata Steel, we've seen more than 450 enrol in our five monthly sessions hosted this season.

"But it's not just our Kids Club that they've helped with – their donation has provided us with a permanent home. We've converted three



fabulous shipping containers this year, which now provide a touchpoint for our Surf School family as well as a place to store our surfboards and essential equipment."

Being based on Aberavon Seafrost in Port Talbot, it's natural for the school to attract visitors from far and wide in the hope of riding the waves of one of Wales' longest beaches. Therefore, it made sense for their new hub structure to make a bit of a splash.

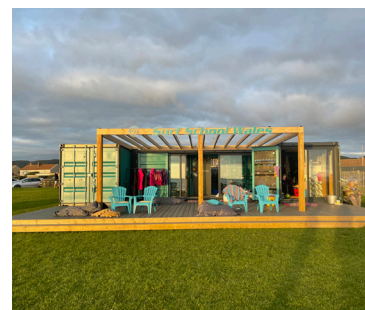
Liane added: "We wanted our new home to look breathtaking, which is why we used part of the funds from Tata Steel to commission a local company, Fresh Creatives, to create a mural that was symbolic our community, industry and coastline.

"That is why Port Talbot Harbour's iconic cranes feature on this mural, which sits on the side of our



container. We always encourage our members to take in this crucial element of our coastline – we want residents to be reminded of our industrial heritage as a town.

"We are extremely grateful for this partnership, and to have extended our family even further – so thanks Tata Steel for making this a year to remember."



Sandip

Sandip Biswas
Chairman of Tata Steel UK, CFO and Executive Director of Tata Steel Europe

Tata Steel's route to decarbonise in the UK

Decarbonisation is, quite rightly, on everyone's mind these days. Thoughts about the world we are leaving for future generations, warnings of more severe weather and targets set globally by governments mean we all have to do something – and do it soon.

Like all European steelmakers, Tata Steel has been actively working on reducing its CO2 emissions for a number of years, and the company has been exploring a number of possible options which could help decarbonise its operations.

Sandip Biswas, Executive Director of Tata Steel Europe in charge of the UK Value Chain and Chairman of the Board of Tata Steel UK, explained: "The final route will

have to achieve both Tata Steel's decarbonisation ambitions and meet the UK's national targets. One option could be to capture the CO2 from our blast furnaces and either store it or use it to create useful products. Another option could be to move to electric arc furnaces which would also provide a route to using hydrogen in the future.

"We're now at the stage where we are beginning detailed feasibility work on some of these step-change technology options. As well as our own analysis we will shortly start evaluation work on the ground in Port Talbot.

"We know this decision is vital for the future of our UK business, so we will fully explore the different technology options with the trade

unions.

"We will only know our exact path when we have more confidence that we can access the right energy supplies and infrastructure at a competitive price, agree the appropriate support from the UK Government and have a competitive regulatory environment. To this end we have been involved in detailed engagement with the UK and Welsh Governments on these complex themes.

"Whichever option is finally settled on, it will mean a great opportunity for our UK business. The chance to create a financially sustainable business for existing and future generations of steelworkers."



Building a strong green future for Tata Steel

Tata Steel is at the heart of life in the UK – it supports industry and manufacturing, jobs and families, innovation and technology, and it is vital to supporting a green future for all.

Whether it be a can of baked beans or a tin of baby food, Tata Steel is at the heart of the nation's food supply. Whether it be the steel which makes our cars safer or the coins we use to buy our morning coffee, the radiator which keeps our home warm or the hospital bed when we're sick, Tata Steel is at the heart of its supply. The new school building where we educate our children, the tractor which produces our food, the London skyscraper which houses our banks, the warehouses which distribute our food to the stadium where we cheer on our favourite rugby or football team, Tata Steel is at the heart of its supply.

More than two thirds of the steel Tata Steel makes stays in the UK. The company is important to the UK, and it is important to the country's ambitions to decarbonise, too.

Almost every aspect of the UK Government's decarbonisation plan is steel intensive – huge amounts of steel will be needed for renewable energy, low-CO2 transportation, and infrastructure schemes for large-scale hydrogen production and distribution, and carbon capture, usage & storage. It will be needed to build and power electric vehicles of tomorrow, as well as creating sustainable

buildings and major infrastructure projects which will help the nation achieve its net-zero goals.

Sandip Biswas, Executive Director of Tata Steel Europe in charge of the UK Value Chain and Chairman of the Board of Tata Steel UK, explained: "As our customers race to build more efficient and low emission cars, or construct

more renewable energy projects or buildings which are more readily recyclable and reusable, they need more steel. At the same time, we have targets for our own decarbonisation."

Access to domestically made low-CO2 steel will enable UK manufacturers to reduce their own emissions. It will ensure businesses can

continue to collaborate and flourish, driving innovation in greener products.

UK-produced steel already saves a quarter of a million tonnes of CO2 per year, versus shipping the material in from other countries.

Lots of businesses already know this. Tata Steel supplies brands such as JCB, construction products maker Kingspan, as well as carmakers like Jaguar Land Rover, BMW, and Nissan. Food and paint tin makers across the country use the company's steel to package their goods for

consumers.

As well as supplying to large customers, Tata Steel is an important partner to many thousands of smaller businesses and building contractors, processing and delivering thousands of tonnes of steel with short lead times to meet their specific needs, and helping them to create innovative products themselves.

Expert advice on the use of steel and bespoke products ensures the UK can retain and build global competitiveness. Tata Steel even embeds

engineers with its customers to work on design and efficiency, such as light-weighting the next generation electric vehicles – a unique way of working.

Sandip said: "Decarbonisation will be vital for our future in the UK and the thousands of people we employ, and it's vital for all the manufacturers and builders we supply to. Reports suggest that there are as many as 750,000 people in this country whose jobs rely on the supply of steel.

"As we decarbonise our

Why Tata is so important to the engineering market

- This highly diverse sector includes large and small innovative and traditional companies across the UK which lie at the heart of the UK's industrialised economy.
- The UK's engineering sector is valued at £36bn.
- Tata Steel supplies more than half a million tonnes of steel to the engineering sector which include: yellow goods (e.g. JCB, Caterpillar), radiator manufacturing, steel drum makers, kitchen

appliances, office & medical equipment, agriculture and trailers as well as the Royal Mint.

• The sector is highly varied in its application and consists of many small and medium-sized companies seeking to build globally competitive manufacturing operations. The need for more robust global supply chains is expected to lead to a trend towards reshoring of production.

Why Tata is so important to the automotive market

- The UK automotive sector adds £18.6 billion to the UK economy and accounts for more than 14% of the UK's total export of goods.
- The sector uses one million tonnes of strip steel every year. Tata Steel is the only domestic supplier of this material.
- Tata Steel supplies all the major UK carmakers and their suppliers. This complex supply chain involves

specialist warehousing and distributors located across the UK, managing stock levels of around four weeks on a just-in-time basis.

• Strong links between carmakers and Tata Steel at all stages, from collaborative innovation on vehicle design to tools try-out and production underpins the continuity of UK manufacturing operations.



The iconic Wembley Stadium contains 22,000 tonnes of steel from Hartlepool and Corby – but it's not just the UK's capital where our steel can be found. It can be seen in recognisable structures worldwide.

The four main technologies being considered by steelmakers around the world to decarbonise the sector



RETROFIT EXISTING IRONMAKING PROCESSES

Blast Furnace & Carbon Capture, Use & Storage (CCUS)

Focus: Capturing blast furnace gas and safely storing it or using it to make other products

- Key points**
- Carbon capture, use & storage (CCUS) is established in other sectors but not yet applied at scale in steel industry
 - Continued reliance on coal may not be acceptable to policy-makers or society in general



DEVELOP NEW IRONMAKING PROCESSES

Hlsarna & Carbon Capture, Use & Storage (CCUS)

Focus: Replacing coke making and sintering / pelletising with a single smelting process

- Key points**
- Pilot facility in operation at IJmuiden
 - Allows high levels of biomass & scrap usage
 - Elimination of raw material processing reduces emissions
 - Coupled with CCUS it enables further CO₂ reduction
 - Technology not proven at scale

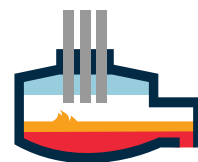


REPLACE CARBON IN IRONMAKING

Direct Reduced Iron (DRI) & Electric Arc Furnaces (EAF)

Focus: Reduction of iron ore with hydrogen to make solid DRI which is then melted in an EAF

- Key points**
- Current DRI technology uses natural gas
 - Hydrogen-based directly reduced iron being developed
 - Hydrogen can be produced from natural gas or electricity
 - Hydrogen made with renewable electricity in DRI production offers route to CO₂-free ironmaking



FOCUS ON STEEL RECYCLING

Electric Arc Furnaces (EAF)

Focus: Recycling of steel scrap to make new steel using EAF – scrap can be supplemented with DRI

- Key points**
- UK has a large surplus of scrap (approx. 7 million tonnes per year is exported)
 - Electricity price is a key enabler
 - Ultra-low emissions achievable if electricity comes from renewables
 - Use of DRI with scrap increases products that can be made

More information available on the Tata Steel UK intranet

steelmaking operations in Port Talbot, there is no doubt the future is going to be very different, but I believe it is full of opportunity.

"That is why it is so important we work with employees and our trade union partners on securing a strong and sustainable future for the business, for the UK and for the planet."

Tata Steel is the largest steelmaker in the UK and its products meet more than half of the country's total steel demand. That's no small thing – the UK is the 5th largest economy in the world and

continues to be one of the top 10 global manufacturing geographies.

That's why the company has been in talks with the UK Government for more than a year looking for ways it can transition to a sustainable, modern, decarbonised steelmaking business.

Without a decarbonised domestic steel industry the UK manufacturing sector would be forced to import steel from distant producers with higher levels of emissions. Offshoring CO₂ by importing the steel the UK needs will also not help reduce global emissions.

Across the developed world there is a growing recognition

that steelmakers need government support to decarbonise. Steelmakers and governments in some countries in the EU are already well advanced in developing their decarbonisation plans.

To remain sustainable and competitive Tata Steel will need support from government as it continues to make and supply the very products which are needed to create the net-zero future for the nation.

Sandip added: "We are all in a race to net zero emissions, but it has to be done right first time. Our assets are expensive, last for decades and require connection to outside infrastructure.

"This is why we need answers to important questions about energy, infrastructure and future policy before we can commit to a future way of making our steel."

Did you know?

- More than two thirds of Tata Steel's UK-made steel is sold in the UK, supplying nearly 2,000 customers in the construction, automotive, packaging and engineering sectors.
- Tata Steel is the only UK steel strip and tube manufacturer.
- More than 40% of Tata Steel's sales are differentiated products, not available from the majority of other European steel manufacturers, and developed to meet the demands of its customers so they can meet the needs of consumers.

Did you know?

- Tata Steel spends £1 billion annually across its UK supplier base of 3,100 companies, and its contribution to the Welsh economy alone is about £3.2 billion (source: Cardiff Business School).
- The company has a long history of investing in the future skills of its communities and employees. This includes sponsoring 55 engineering doctorates, and the recruitment of graduates and apprentices to ensure it nurtures great talent to develop and lead the UK steel industry in the future.

Why Tata is so important to the packaging market

- As the sole UK producer of packaging steels, Tata Steel supports the food supply chain at home and overseas with future potential for growing exports and providing solutions to wider issues such as food security as the benefits of steel packaging increase.
- Tata Steel supplies almost



- 80% of the UK packaging steel to can-makers and high-street brands in the food supply chain (e.g. Heinz), including the baby food market.
- The coronavirus crisis resulted in significantly higher demand for canned food and highlighted the need for a secure domestic supply chain.

Why Tata is so important to the construction market

- The UK construction market is worth £117 billion to the UK economy and will be a critical engine for growth as the economy restarts following the coronavirus crisis.
- The UK's construction industry uses 1.3 million tonnes of strip steel each year.
- It is considered to be one of the most steel intensive in

the world due to a long tradition of collaboration and innovation with UK steel producers.

- Tata Steel's products also allow builders to consider novel applications such as so-called 'active' buildings which use steel to help generate power as well as heating and cooling solutions with zero emissions.

EnvironmentCorner

Steel family values

In the last issue of Steel Matters, I spoke of my excitement to get out into the local community, to meet more of our neighbours and to make continuous improvements to our operations for a greener and more sustainable plant.

And here we are, almost six months later, with things pretty much back to normal and with plenty to shout about! I feel proud of what we have achieved in the community, and as a company during this time. So where do I begin?

During Spring, I was delighted to lead on a project which helped the users of Action For Children's Park House residential service. Park House provide local children and teenagers with disabilities with a safe and welcoming place to stay for short-term breaks. And with the help of our fabulous steel heroes and fantastic contractor partners, Runtech, we gathered on a sunny day in May to get our hands dirty!

We planted dozens of edible and sensory plants as well as flowers, while we also painted and spruced up elements of their front and back garden, so the children and staff could make the most of their outside space.

Runtech kindly donated a table and chairs for the children to enjoy lunchtimes outside. The team at Park House were over the moon with our handy work, as well as the donation we provided to upgrade their indoor sensory room.

We also did some fantastic work to celebrate World Environment Day in June.

With the help of willing volunteers, the Environment team conducted a beach clean on Morfa Beach. It was a big success, with over 18 bags of litter collected in just a few hours! A big thanks goes to our contractor partners Darlow Lloyd & Sons for providing us with skips to collect the litter gathered on the day.

The clean up was important to us as the area is a SSSI (Site of Special Scientific Interest). Due to tides and lack of public access for cleaning, litter often accumulates here and threatens the endangered wildlife that use the waterway.

On a different note, I'd like to remind you all that our Environment infographic videos will give you the chance to view and interact with our latest environmental improvement projects. We work hard everyday to make our steel industry more sustainable, so we can't wait for you to finally see these videos and get a taste of what we are doing! Finally, I can't wait to attend more community events than ever over the coming months. It's my mission to become a familiar face you can express your concerns and feedback to at anytime. Take care and stay safe.



Morgan
Morgan Livingstone
Environment &
Community Support
Specialist

ARTWALK STUNS PORT TALBOT



Film star and local legend Richard Burton is forever immortalised in this fabulous mural



Peg Entwistle – the starlet with a tragic back story is commemorated by a mural near Aberavon RFC

It was during December of 2018 that a suburban street in Taibach transformed into a global sensation overnight, after the renowned 'Banksy' was spotted on a local resident's garage.

In the wake of the excitement, a local creative came up with the idea for an ambitious project which would not only add to Port Talbot's growing visitors but would support local artists

and put the town on the street art map for the long term.

And so, Paul Jenkins of Theatr3 co-founded the ARTwalk Port Talbot, a street art trail which showcases some of the best of its kind in the UK, running straight through the heart of Port Talbot town.

With the help of Tata Steel UK, an additional three murals have been

commissioned by high profile female artists, each in honour of local icons spawned from this creatively minded community.

Paul said: "We are so thrilled to have Tata Steel's support for this project. With their help, we have bagged the absolute best female street artists to strengthen our already growing street art trail.

"This town is bursting at the seams with passion and talent. Banksy attracted people from far and wide - from Taibach to Tokyo, but now we want to sustain this.

"So that is why we tracked down two of Britain's best female street artists, HazardOne, who created two out of three murals, and Eloise Gillow, who is due to create the third as part of Tata Steel's sponsorship."

The latest murals popped up in and

surrounding Taibach. The first, legend of the silver screen, Richard Burton and the second the iconic but often forgotten, Peg Entwistle – the Port Talbot born starlet with a tragic back story.

Paul added, "There's no reason why this town can't become the epicentre for street and independent visual art in the UK."

Where do you think the third mural will pop up? And who will it be? Stay tuned via our social media feeds to find out! It might end up on your doorstep...

“We are so thrilled to have Tata Steel's support for this project. With their help, we have bagged the absolute best female street artists to strengthen our already growing street art trail.”

• **The ARTwalk app is free to download on the App Store & Google Play. Or scan the QR code**
• **We have launched a special competition in celebration of the fantastic artists and creatives who live and work in our community – turn to Page 8 to find out more.**

WOMEN OF STEEL – IT'S BACK AND BETTER THAN EVER!

The award-winning podcast series Women of Steel has returned for its third, spectacular series.

The podcast has been known for impressing listeners with its unique and eye-opening insights provided by its long list of inspiring female guests.

From exploring what it means to be a woman in a traditionally male-dominated workplace, to the barriers they can face in choosing careers outside of the societal norm, but also the thrilling opportunities which can arise from making these choices.

The new series kicked off with a formidable woman of steel, Natalie Phillips, a Production Specialist in Refractory Maintenance at Port Talbot's iconic blast furnaces, and has since followed with a handful of fantastic guests.

Most recently, the podcast brought an important issue to light, one which will affect every single woman at some point during their lifetime – the menopause.

In her episode, Barbara Evans, Competence Assessor, Utilities Energy Control, joined the podcast to share how she is navigating the

next stage in her lengthy steel career, as it coincides with this important issue for women in the workplace.

Nia Singleton, former Community Liaison Manager and podcast host, said, "It has been a privilege to chat with the women of our industry over the past couple of years, to elevate their voices and to make other women and girls aware of the vast opportunities that steel can offer.

"I thoroughly enjoyed every conversation with my guests and I'm thrilled to see they're having a positive impact, not just on the steel industry but on wider society as well. Barbara gave so much insight into how we, as a workplace, should be supporting our female colleagues through menopause by implementing robust policies and more.

"If you are looking for an honest, entertaining and informative chat with women who boast impressive careers and personal lives - then look no further!"

• **To listen to the new series, simply scan the QR code or search 'TataSteelUK' on any podcast**



Barbara Evans inspires and educates listeners by sharing her menopause journey during the third episode of the podcast series

streaming app.
• **Help and advice can be found in the footnotes of Barbara's episode (Episode 3 Season 3).**



Did you know?

On World Menopause Day, 18 October, Tata Steel UK Chairman Sandip Biswas launched a new policy to raise awareness of menopause and its impact, and to encourage open conversations on the topic.

He said: "The policy will make sure that we put in place suitable measures, support or workplace adjustments to support anyone affected."

Karen Bowman, who set up the Tata Steel Menopause Support Group, added: "This subject should not be taboo – this is why I'm delighted that the company has formally recognised the opportunity to help people work to their full potential throughout their career."

HARDER, BETTER, FASTER, STRONGER!

Corby news



Courtney Brown is a true Woman of Steel - in every sense of the term!

Every day, women across the steel industry are breaking down barriers in male-dominated spaces.

Courtney Brown, Electrical Engineering Apprentice at Corby, is one of these strong young women. Not only is she using her expertise to make a difference to the business, she is also quickly rising up the ranks in the world of powerlifting.

After pursuing the strength sport earlier this year when gyms reopened, Courtney has worked hard to build her strength and endurance.

Despite her lack of experience, she entered her very first competition in September – and powered her way to first place in her weight category (56.8kg).

Since being crowned champion, she has continued to improve herself with regular coaching sessions.

She said: "It was a pleasure to bag this title so early on in my powerlifting journey. Weighing in at 56.8kg, I finished with a total of 262.5kg."

"To break it down, this means that I lifted 90kg in a squat, 62.5kg during a bench press as well as 110kg during my deadlift."

But her ambition doesn't end here. Courtney plans to enter a qualifying competition early next year.

She added: "I reached a personal record during the competition – my bench press during the contest was over 2.5kg heavier than what I'm used to, so this can only mean that bigger and better things are yet to come!"

SHOTTON CELEBRATES HISTORIC ANNIVERSARY

Shotton news



Members of our steel family gathered at Shotton last month for a grand unveiling of the sculpture which commemorates the site's rich history in steel making

Tata Steel UK's Shotton site in North Wales has celebrated its 125th anniversary by unveiling a sculpture designed and fabricated at local college, Coleg Cambria last month.

Shotton site managers, employees and Trades Union representatives were joined by industry representatives, politicians and the media, not only to look back on the fantastic heritage of the site, but also to look forward to a bright future alongside many of the recent new starters in the business.

Site Manager Bill Duckworth said: "It is an honour to be the site lead at such an iconic moment in our history, and to share it with so many people who have such an important role in our past and future success is quite humbling."

"And what better way to mark the occasion that to unveil an art installation that will be a permanent reminder of this moment in our history."

"It is fitting that Coleg Cambria were able to share in our celebrations having supported the site for so many years with their apprentice and training schemes."

"And it is appropriate that a young



member of our local community, Luka Mitchell (17), was selected as the winning designer of the sculpture—it is, after all, this generation that will take our site into the future and hopefully provide the leaders for our next anniversary in 25 years' time."

Local Senedd Member Jack Sargeant was equally enthusiastic about the importance of the site to



the local community and the Welsh economy.

He said: "It's great to see so many friends here supporting the site from the business community, those Trades Unions, political colleagues and from our local communities. Of course, 125 successful years wouldn't be possible without the workforce, and it's great to see so many young apprentices who will play a role in a future decarbonised Shotton. I wish you a strong and successful future."

Tata Steel UK's Value Stream Lead Sandip Biswas also joined in the September celebrations, saying: "Shotton is a remarkable site which makes some of the highest value products we sell."

"Its products can be found in some of the world's most iconic buildings. The great reputation of Shotton has been built through the course of its history and is great credit to all those who have worked there."

Canned recipe



BILLY & JACK'S ROAST LAMB STUFFED WITH OLIVES HUMMUS, ROASTIES

There is a good chance the steel in the canned food you purchase will likely have been made in Port Talbot and Llanwern and produced into tinplate for the food industry in Trostre. So, why not light up the faces of your family and friends and bring some bling to the table with this tasty treat.

Ingredients:

Lamb

- 1 x rolled, boneless shoulder of lamb (approx. 800g)
- 1 x 50g tin anchovies in olive oil
- 1 x 330g canned black pitted olives
- 4 x cloves garlic
- 2 x lemons
- Drizzle olive oil

Broad bean hummus

- 1 x 300g canned broad beans
- 2 x 400g canned chickpeas
- 2 tbsp tahini paste
- 2 cloves garlic
- 1 lemon
- Handful fresh mint
- Drizzle olive oil

Roast potatoes

- 2 x 300g canned new potatoes
- 30ml rapeseed oil
- Handful fresh mint
- 1 tsp smoked paprika

Method:

1. Preheat the oven to 180°C fan.
2. In a food processor blitz the olives, anchovy fillets and the oil from the anchovies, 2 cloves of garlic and the juice of half a lemon. Add olive oil and blend until you have a thick paste.
3. Unroll the lamb fat-side down, and season lightly. Spoon the olive tapenade evenly across the lamb then re-roll and tie to secure. Place the lamb joint in a roasting tin and roast for 1 hour for a perfect pink joint, basting occasionally. Rest for 10-15 minutes before carving.
4. While the lamb is cooking, make the hummus. Drain the chickpeas (save half a can for the topping) and broad beans and add to the food processor with the tahini, garlic cloves, salt and the juice of one lemon. Blitz until smooth, adding 4 tbsp olive oil to loosen. If it is too thick, add some cold water to get the desired consistency. Then add a handful of chopped mint and quickly blend to combine.
5. Top with the reserved chickpeas, a drizzle of oil, chopped mint and some smoked paprika.
6. For the potatoes, drain the cans and carefully press each potato so that it is slightly squashed. Heat a roasting tray with the rapeseed oil in the oven, add the potatoes and roast until crispy, around 35 minutes at 180°C fan.
7. Once crispy, top with finely chopped mint, a dusting of smoked paprika and a squeeze of lemon.

Top tip – the little roast potatoes are so moreish you may need to make double!

Steel
Matters

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TOUCH

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HERITAGE CORNER: OH NO IT ISN'T, OH YES IT IS

Each edition, we take a rummage around our newspaper archives from the last 50 years, to find a blast from the past that will bring back fond memories.

With mornings getting darker, and days shorter, the Steel Matters team has pulled together some Panto throwbacks which guarantee to raise a smile!

Lights down, curtains up – the infamous Works Pantomimes would herald the beginning of the Christmas festivities that were held in the community, running every year, from as early as 1946 up until 1983.

Featuring an enthusiastic cast, comedy antics and foot tapping numbers, the pantomimes would run for two weeks, with sellout crowds and was enjoyed by employees, children, and the local community.

Dick Whittington or 'the Dame' and the performers, all of which were steelworkers,

would become the talk of the town.

Although the Works Panto is no more, its essence lives on through the annual Taibach RFC Panto in Port Talbot.

Starring steelworkers of past and present, the production plays a huge role in bringing our community together and has become part of the fabric of Taibach, and the wider communities' festive traditions.

The rugby club Panto has inspired steelworkers into acting (Sam Coombes, Senior Operator, went onto perform

centre stage in the National Theatre production 'We're Still Here') and has even been recognised by the BBC, as they followed behind the scenes of the production in its 50th year.

"Balls of Steel" documents the heart-warming stories of the club's quirky cast, who are all in some way linked to the works. It's a worthy watch!

Covid-19 forced the performers to take a two-year hiatus, but the show is back, bigger and better than ever this December. Follow the 'Taibach RFC Panto Memories' Facebook page for updates.



Send in your heritage pictures and memories to us via email ukcommunities@tatasteel.com

COMPETITION

Your chance to WIN a framed work of local art



From Richard Burton to Rarebit, Mongo Gushi to Michael Sheen, while Port Talbot is known for its steel, there's no doubt that the town has nourished a whole host of artists, actors and creatives that have also put the town on the world map.

The pool of talent even spills into our own steel industry. From Ryan Davies, an Operator working in our Energy Department who creates his own street art, to Sam Coombes, Senior Operator on the clock, and aspiring actor off the clock, featuring in a National Theatre Wales production, no less!

To celebrate the creative talent here in Port Talbot, and the new street art trail curated by Port Talbot ARTwalk,

we're testing your street art knowledge and giving you a chance to win a framed work of art, from the uber-talented, local artist Mongo Gushi.

What famous actor now sits on the side of the Bell Inn, Taibach?

● Send your answer – along with your name and contact details – to: communications-centre@tatasteel.com. Or you can text/Whatsapp message 07391958375.

● The competition closes on 3 December, when three lucky winners will be drawn at random. Good luck!

● The ARTwalk app is free to download on the App Store and Google Play. Alternatively, you can scan the QR code. Clue: You'll find the answer here!



To see more of the artist's work, follow @Mongogushi on Instagram