

# SteelMatters

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Your community magazine



The five ladles at a put down area on site before making their way to the steelplant for installation

# FAMOUS FIVE JOIN THE STEELPLANT FAMILY

Five huge new hot metal charging ladles are almost ready to be put into action at the heart of the Port Talbot steelworks.

The ladles, which pour liquid iron into the Basic Oxygen Steelmaking (BOS) vessel, had been delivered earlier in the year – rushed through to ensure they were onsite before any virus-related global transport issues got in the way.

As essential replacement for the old ladles, which have been in service for more than 25 years, each one weighs in at around 80t and costs close to half a million pounds.

Nick Layland, Works Production Manager at Steel and Slab explained what happens next: “Each ladle will now require refractory bricking, which we’ll do in-house. For each ladle, we’ll use around 7,500 bricks weighing

a total of 60 tonnes; with social distancing the job becomes a little harder so the team of three will rotate – it should take about four to five days per ladle.”

It is a steel family effort, with Tata Steel employees and contractor partners working together to ensure the safe installation and function of each ladle.

It is an exciting time for the

steel plant department. It recently celebrated 50 years of steelmaking at the end of 2019 and welcomed many retired employees, who were present for the first cast in 1969, back to the business to see how the steel plant project was progressing.

We will keep you updated on the progress across our social media feeds and look out for some exclusive videos of the ladles in action in the autumn.

## WHAT'S INSIDE



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It's well worth a listen!



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Getting its claws into a mountain of recyclable 'green steel'

## New recycling milestone hit for steel packaging

Did you know that when you participate in recycling services, your old steel packaging could end up in back in the Basic Oxygen Steelmaking (BOS) Plant in Port Talbot?

These items could be an old baked bean can, a spent deodorant, jam jar lids, even biscuit tins or many others. "We've always encouraged good recycling practices wherever possible and it all starts with us at home," explained Gavin Freeman, Manager, Steel Packaging Recycling at Trostre.

"In the UK, we have a mature scrap and waste management network which sees hundreds of thousands of tonnes of steel packaging recycled every year. "Our BOS Plant in Port Talbot uses many tonnes a day of old steel packaging which has gone through the recycling route to be made into new steel – now that's a transformation."

And the increase in recycling is evident from a recent announcement from Apeal, that steel package recycling rates in Europe hit an all-time high of 82.5%, confirming that steel is Europe's most recycled primary packaging material – more than glass, cartons and plastic pouches.

This means more than eight out of 10 steel items put on the EU market this year have been recycled into new products.

Gavin continued: "We know that steel's magnetic properties make it the easiest material in the world to collect and it can be recycled over and over again without any loss of quality: in its next life your baked bean cans could be used to make an electric car or a kitchen appliance."

**For more information, please visit [www.steelforpackaging.org](http://www.steelforpackaging.org)**

Apeal – the Association of European Producers of Steel for Packaging – unites the five producers of steel for packaging in Europe and is committed to working with all relevant stakeholders to ensure understanding and support for steel as a sustainable and resource-efficient packaging solution.



Torpedo 46 transports liquid iron between the blast furnaces and BOS Plant

## Arrival of 350-tonne torpedo helps reduce cost of liquid steel

A new 350-tonne torpedo has been commissioned and put to use carting liquid iron at temperatures of 1,300°C between the blast furnaces and Basic Oxygen Steelmaking (BOS) Plant.

After two years in the pipeline, from preplanning through to assembly,

this example of capital expenditure to reduce the cost of liquid steel production has been successfully executed by both the Workshop Operations and Planning teams.

Assembly, which took around six months, was in the Central Engineering

Shops Torpedo Refurbishment Section. Service Engineer Rob Thomas said: "Some items were manufactured in-house and core contractors were used to manufacture external items such as the barrel. The torpedo will be one of the largest in the fleet with a liquid iron

capacity of 350 tonnes, which enables us to transport more liquid iron between the blast furnaces and BOS Plant."

The growing fleet of larger torpedoes will have a positive effect on reducing the cost of liquid steel and day-to-day production.

# POWER TO THE PEOPLE AS RECORD SMASHED

The Power Plant team in Port Talbot is all smiles after smashing a peak energy generation record.

The forward-thinking team recently broke the historic record of reaching a peak generation of 95MW, or enough energy to power a county borough.

"We saw an opportunity to regroup and reorganise an outdated structure and better align the department," said David Hockin, Operations Section Manager, Energy Generation.

"We trawled previous maintenance records and consultancy reports to identify bottlenecks and problems. We set goals and a vision together of achieving a peak generation of 100MW from a plant that at the time was peaking at the mid-70s. We improved facilities and set clear standards to create a professional feel with help from the Central Engineering team."

These marginal gains became visible results by reducing downtime and increasing plant availability. The team moved away from firefighting and

started to plan maintenance in a more focused way, spending money where it was needed.

David continued: "This allowed us to become more flexible in the timings of maintenance stops.

"If the furnaces or Hot Mill needed to make a stop we'd move our maintenance to align with them and save our future downtime. Or we'd cancel any plans we had to allow us the opportunity to utilise the excess of coke oven gas and generate additional electricity without paying for imported fuels. These cultural changes were not easily achieved. There were long days and nights, but everyone has been allowed a voice and their opinion is valued."

Steve Maynard, Works Manager, Energy, said: "This record could not have been achieved without the great work completed by the Energy department as a whole, with increased availability and reliability of the High Voltage 11KV network, gas, steam and



The record-breaking Energy team generate enough to power a county borough

water distribution systems with strong operations to drive it.

"The increased availability has meant the Power Plant has broken hourly, daily, and monthly electrical generation targets as well as achieving a new peak

generation of 95MWe and achieving the annual plan of an average yearly figure of 65 MWh. In a nutshell that equates to millions of pounds worth of savings, so valuable in the current climate and sets us on a path to sustainability."

# WOMEN OF STEEL'S NEW PODCAST WORTH A LISTEN



Launched on International Women in Engineering Day (23 June) the latest SteelCast podcast series 'Women of Steel' shines a light on female talent, female leaders and change makers across Tata Steel's UK sites.

Initially devised as an accompaniment to the award-winning Women of Steel radio campaign in conjunction with our friends at 'The Wave', the intimate conversations with female leaders gives a rare glimpse into the working life of some of Tata Steel's most senior women in a male-dominated industry.

Guests included:  
 ■ Dr Laura Baker, a steel veteran with 19 years of experience under her belt. Laura is currently Head of Product Management and Development for Tata

Steel Strip Products. She was the first female president of the Metallurgical Society in Swansea, heavily involved in the Institute of Materials, Minerals and Mining (IOM3) and a staunch advocate for women in industry.

■ Deirdre Fox, Director Strategic Business Development for Tata Steel, is deputy chair of UK Steel and is responsible for Tata Steel's Brexit strategy.

■ Joanne Lane, Director of Procurement and Stores based at the companies Port Talbot site, but with overall responsibility for the UK business procurement.

The podcast gives a personal reflection from the guests on what it has been like for them to be a woman working in a male-dominated industry – it's both motivational and inspirational.

If you're looking for a new podcast to enjoy, look no further. Grab a cuppa, or when you're out on your next walk search SteelCast in your favourite podcast app, or hover your phone camera over the QR code below to access all episodes in the six-episode arc.



A recent Girls into STEM visit to Port Talbot site saw 50 girls interested in engineering careers tour the site

## SOS for Wales impressed, but we still need support

Energy costs, business rates and public procurement were on the agenda for the new Secretary of State for Wales, Rt Hon Simon Hart MP, when he visited Port Talbot steelworks for the first time.

A tour of the Hot Strip Mill, at the beginning of March, was a great way to show off the company's investments in technology-focused assets, and meeting the shift crew gave him a flavour of the pride and passion of British steelworkers.

But as Hub Director Martin Brunnock made clear, the main purpose of the visit was for the Secretary of State to gain a detailed understanding of the issues that the UK steel industry is facing, and what the UK Government can do to help.

Martin said: "I'm delighted that Mr Hart came to visit us so early in his tenure, and he was certainly impressed with our people and our operations. But, we made the way in which he and the new government can support UK manufacturing very clear: reducing industry's energy costs, reducing the scope and burden of business rates, and placing more emphasis on local supply for public procurement projects such as HS2."

Mr Hart is MP for Carmarthen West and South Pembrokeshire and was appointed to his current cabinet role in December.

He was joined on the visit by local MP Stephen Kinnock and councillor Sean Pursey.



Hub Director Martin Brunnock was pleased to welcome Simon Hart MP and present him with a steel dragon on his visit. (Picture was taken prior to lockdown and social distancing guidelines being in place)

## DEAR NEIGHBOUR

### NOW, MORE THAN EVER, WE NEED YOUR SUPPORT

While I reflect on the last few months of lockdown and look forward towards the months ahead, I have been so proud of the way our employees have adapted to the demands of lockdown life and their flexibility and willingness to adapt to change, quickly and safely.

From those employees who ensured the safe continuation of our operations to those who helped the business while on furlough and those who adapted so quickly to the challenges of working from home, often homeschooling their children along the way. What these last few months have taught me is that we come together as a steel family in times of crisis.

This has also been true in our communities. I have been immensely proud of our employees who have gone beyond the call of duty to assist in their local communities. From raising money for NHS charities, donating to local foodbanks and school schemes to help ensure that no child goes hungry and the thousands of items of vital PPE we were able to donate from the business to our local community hospitals and care homes at the start of the pandemic, when everything was so unclear, has confirmed to me that our steel family is one in a million.

Throughout this period of change, we have strived to be more visible in our community (albeit digitally) and have been utilising our social media feeds to engage with and talk with you, our neighbours. It has been a great conversation starter and I look forward to when I shall be able to host sessions in our community to engage and speak with you, in person.

It has been heartening to see the amount of support a recent campaign to highlight the importance of the steel industry across the UK has been having online. We're so very proud of our steel from across all of our UK sites.

The steel we produce is transformed into your next car, your child's new school, a new hospital, shopping centre or infrastructure project. If you've not signed the petition already, please do. There is a link on page 8 if you hover your smartphone camera over it will take you to the site.

Now, more than ever we need your support. Our people are working hard to create a sustainable steel industry for future generations. Take care, and I look forward to seeing many of you soon at our next community event.

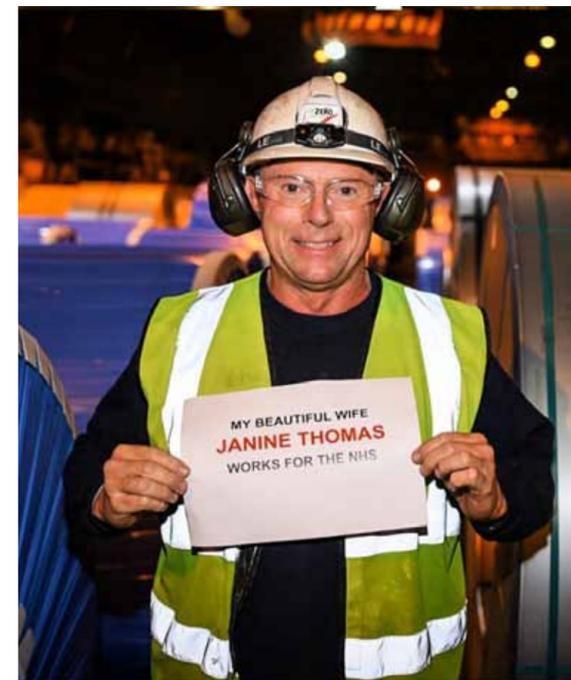


Martin



Top left to bottom right: John Young, Dean Hills, Scott Vaughan, Colin Palmer, Chris Williams and Mark Begley

OVER RECENT MONTHS OUR **STEEL HEROES** HAVE GONE BEYOND THE CALL OF DUTY AND **STEPPED UP** IN THEIR OWN **COMMUNITIES**. MUCH-NEEDED **PPE** HAS BEEN DONATED TO LOCAL HOSPITALS, CARE HOMES AND FUNERAL HOMES; **MONEY** HAS BEEN RAISED FOR **NHS CHARITIES** BY RUNNING, CYCLING AND WALKING; DONATIONS HAVE BEEN MADE TO **LOCAL FOODBANKS** TO ENSURE NO CHILD SUFFERS HUNGER, WHILE **CLAPPING WITH PRIDE** FOR **OUR NHS HEROES**. DEMONSTRATING HOW THE **STEEL FAMILY** JOIN TOGETHER TO **HELP OUR COMMUNITIES** MOST IN NEED.



The Cold Mills rendition of 'Sweet Caroline' garnered almost half a million views online



Sew, there's a posse of keen helpers providing thousands of vital scrubs to the NHS

## Pounding the pavements for epic 10,000-mile challenge

Good things happen when you work together as a team. Six steel heroes from the Port Talbot site came together with their team-mates from Brynawel AFC in Swansea to raise as much money as possible for NHS charities.

Chris Williams (Hot Mill), Scott Vaughan (Energy), Mark Begley (Blast Furnaces), Colin Palmer (Coke Ovens), John Young and Dean Hills (both BOS Plant) set themselves the daunting task of running, cycling or walking a collective 10,000km during June to raise funds for the Swansea Bay Health Charity.

So they laced up their running shoes, saddled up and pounded the pavement to tackle the challenge head-on. The super six steel heroes not only reached, but smashed their target.

Brynawel AFC wanted to give something back to the NHS as a thank you for its hard work and dedication throughout the Covid-19 pandemic.

Many of the club's families have themselves been personally affected and have had relatives cared for by the health board during what has been a frightening time.

# VISORS FOR OUR CARE WORKERS

While operational teams were raiding their cupboards and nudging suppliers to find gloves, overshoes, aprons and masks for front-line health workers across the UK, some individuals were putting their own shoulders to the wheel by 3D-printing visors.

A national movement started where designs were shared and 3D printers were being utilised to manufacture face-visors – a vital protective shield for care workers.

And design engineers from across Tata Steel UK joined the cause and have been busy at home making good use of both company and personal 3D printers to help increase the availability of visors.

Port Talbot-based Daniel Lilygreen, Paul Jones and Matthew Morris were three such steel heroes.

Daniel said: "We were part of a crowd-funding group which purchased materials in bulk which were distributed so we could print visors. We had two company and four private printers going between the three of us.

"It's nice that even while working in isolation we could still contribute to the efforts of fighting coronavirus. I was printing around 28 parts a day which

went towards helping an entire ward of staff."

Once printed the visors were sent to a central location where the parts were pieced together, sterilised and packaged ready for distribution to GP surgeries, care homes, pharmacies and hospitals.

In Shotton, Project Engineer Jon Wright has developed an open-source design using cheap and readily available resources.

A donation from Tata Steel helped Jon purchase another printer as well as the plastics to make the visors. This printer will be donated to a local school once the pandemic is over.

Jon has three printers working tirelessly and a further fourth printer has been taken on by Design Draughtsman Darren Evans.

Darren said: "I'm glad I've been able to help in any way I can. I was making do with the printer I have at my home office, keeping it running 14 hours a day, seven days a week. My first batch was delivered to Chester ICU unit."

As well as Chester ICU Jon's initial efforts were delivered to Glan Clywd Hospital, Chester Reablement Service, Broughton Marches medical practice and Broughton Midwives.



All for the common good as design engineers from across the UK help to 3D print much needed visors in the fight against coronavirus



Vital PPE was delivered to NHS working on the Covid response frontline

## More amazing work for us to harp on about

Here's another example of our #SteelFamily doing amazing work to support the NHS.

Nia is married to our Technical Director, Phil Clements and has been donating time, energy and sewing skills as part of a network to provide thousands of vital scrubs for the NHS.

Nia said: "Our daughter is a physiotherapist at Nottingham University Hospital and was treating Covid-19 patients daily.

"She mentioned there was a

shortage of scrubs within the NHS.

"So, I contacted the Welsh Government offering to help and it asked if I could organise some additional volunteers. Through social media, working with the Welsh Government and its main contractor, helped me to pull together around 250 volunteers.

"We were organised into 11 hubs between Newport and Carmarthen – collectively we managed to produce around 2,000 garments a week."

## Magnet food donation helped make all the difference

A Magnet donation to a local Port Talbot school helped to ensure that no child went hungry during the challenging weeks and months at the start of lockdown.

When local schools closed their doors to all children, except those of key workers, it became clear that children and families accessing free school meals might be going hungry over the uncertain weeks ahead.

The Magnet committee decided it could help make a difference and donated £200 of Tesco vouchers to Ysgol Cwm Brombil, to help families identified as in need.

A business donation was also made, which ensured families facing unemployment, or already accessing foodbanks had a security net during the uncertain times.

"When we saw posts internally asking employees to consider donating to local foodbanks we decided as a committee that it would be only right to utilise some of our remaining budget to help our local community," said Clover Pelling, UK Magnet Secretary.

"We felt that it was important to help where we could and we encouraged our Magnet colleagues to consider helping in other ways.

"This is not the only way employees have rallied together to the aid of the local community," explained Nia Singleton, Community Liaison Officer.

"Foodbank donations have been made and community action groups have been set up by well-meaning steelworkers to assist the vulnerable in our community."



## 60-second interview

We caught up with Morgan Livingstone, the new Environmental Support Specialist to see how she's enjoying her role since starting in July. Morgan will be working closely with community members as part of the companies environment team. She will be a bridge of communication and is looking forward to a new challenge.

**Tell us a bit about your role?**  
While I am only a month into this position I see my role as being a point of contact between the community and Tata Steel. If community members have a complaint, while environment engineers will be investigating this on the companies behalf, I will be the person that will be in contact with them to explain why they've had this issue or how we can help. I also see my role as being out in the community, representing Tata Steel, while also understanding the views of the community about the company. I see myself as a link between the community and the company.

**What made you want to join Tata Steel?**

I saw the job as a career opportunity, as it's a field I've always wanted to work in. I have a background in environmental sciences with a geography degree, and I also have community liaison skills developed throughout my degree. I see this role as the opportunity to bring both sides of my experience together and build upon them.

**What are you most looking forward to from this opportunity?**

Meeting new people, chatting to community members and helping them with any issues or queries.

**This time next year, what would you have liked to have achieved?**

I would like to have a strong relationship with members of the community and be a recognisable face where people feel they can confidently approach me to talk. I would like to have developed my knowledge and understanding of the communities needs and to have developed a sound knowledge of the environmental aspects of steelmaking.

**Finally, outside of work what do you enjoy doing?**

I like to visit beauty spots across the region and go for long walks – in particular the seaside. I also enjoy arts and crafts.  
**One fun fact about you?**  
When I was six I entered a competition to design a new school logo, which I won and I'm proud to say the logo is still being used by the school, Coedffranc primary.

# DECARBONISATION PLANS FOR THE UK

Tata Steel, as a leading member of the South Wales Industrial Cluster (SWIC), is helping shape regional efforts to decrease carbon emissions, aimed at creating the world's first net-zero industrial cluster.

The first phase of SWIC's Roadmap and Deployment project has received a significant boost thanks to grant funding of £295,000 from UK Research and Innovation – a partnership of universities, research organisations, businesses, charities, and government – with more funding available for future stages.

If successful, the plan would see Tata Steel's integrated steelworks at Port Talbot play a major role as one of four possible anchor sites.

The announcement is one of several initiatives to help Tata Steel's European business achieve its ambition of becoming carbon neutral by 2050.

Chris Williams, of Tata Steel and Flexis, interim lead of the SWIC, said: "SWIC presents a key opportunity to support Wales' net zero ambitions by uniting the various decarbonisation programmes in South Wales into a

single roadmap for the first time.

"By helping to develop an industrial strategy, which allows companies in Wales to grow while also reducing CO<sub>2</sub> emissions, the plan will create new jobs and provide a sustainable industrial base for future generations."

Phase one of the project will create a plan for a series of local zero-carbon areas to lower emissions, create skilled jobs and enhance well-being across South Wales.

If SWIC projects proceed successfully, they will improve the UK's ability to locally manufacture steel products with low carbon emissions, helping to drive the low-carbon future of UK construction and other sectors such as defence, car manufacturing, packaging and even coin production.

Chris concluded: "SWIC initiatives will also make a vital contribution to the economic resilience of the Welsh economy by bringing in new high-skilled jobs and ensuring operations are sustainable in the long term."

Key areas for SWIC in the first phase of the project include examining the infrastructure required for the



The roadmap to becoming carbon neutral by 2050

development of the hydrogen economy, for large scale CO<sub>2</sub> capture, utilisation and storage (CCUS) and transport.

Other partners in SWIC include: Costain, CR Plus, RWE, Progressive

Energy, University of South Wales, Celsa Manufacturing, Tarmac, Valero Energy, Progressive Energy, Capital Law, Flexible Process Consultants the Port of Milford Haven and Vale Europe.

## All in a day's work for volunteer tuk-tuk driver, Angharad

**Many of our employees have been on furlough since the beginning of the pandemic. While many will have taken the time to undertake some home improvements or even home-school their children some such as Angharad Llewellyn, Environmental Engineer at Port Talbot took up an unusual volunteering option...**

**Tell us a bit about what your day job?**  
Our team cover both Port Talbot and Llanwern. We assist the works areas with various improvement schemes, liaise with the local authorities and regulatory bodies. We also work with the local community, while working hard to achieve compliance with the various permits. It's a varied role and that's why I love it.

**While on furlough you've been volunteering for a local charity, tell us more about what you're doing?**

I've been volunteering with a local company called Tuk Tuk Time which is based in Begelly, Pembrokeshire. As it is unable to continue work as normal, the owners of the company decided that using the Tuk Tuks to assist the local community was the right thing to do.

So at present, you can either find me with several shopping lists in the local supermarket, driving the Tuk Tuks delivering groceries or medication, or answering the phones and speaking to the elderly and vulnerable.



Angharad Llewellyn has thoroughly enjoyed her time volunteering for Tuk Tuk Time and would recommend it to anyone

**What inspired you to sign up?**  
I am very much a people person, so when the prospect of being furloughed was imminent, I knew I wanted to help people in any way I could. I saw a call on Facebook for volunteers from Tuk Tuk Time, and as soon as I met the team of existing volunteers, I knew it was the

right thing to do. I couldn't wait to get involved.  
**What's been the best memory so far?**  
Learning to drive a Tuk Tuk!! I can promise you, there is a knack!  
**Do you have a message for others who may be thinking about volunteering?**

This is a bizarre time we find ourselves in, and usually, we talk about not having enough time to do all the things we want to. This is the time. Just knowing I've used my time helping other people feels very rewarding and I'm sure it would be the same for you too.  
Well Done Angharad #steelhero



Awel y Môr Primary School pupils thoroughly enjoyed dressing up in all the protective gear and acting the part of steel heroes

# ALL HAPPENING RIGHT ON OUR DOORSTEP!

Before schools were closed in response to Covid-19 two employees; Giles Payne Area Engineering Manager and Ian Fox, Area Process Technologist were able to visit Awel-Y-Mor Primary School to speak with pupils about steelmaking.

Tata Steel acts on the Tata Group philosophy that a company should play a significant and beneficial role within the local community and, as such, when asked to present to Year 5 and 6 pupils at Awel y Môr Primary School, Ian and Giles were more than willing.

Ian said: "We spoke about the steelworks, what the community means to us and what we mean to the community."

"We presented a video made by the BBC which was filmed in Port Talbot that gave a closer look into the processes going on right on the pupil's doorsteps. It took them right from raw materials to a biscuit tin."

The sessions were thoroughly enjoyed by pupils and teachers alike, leaving Ian and Giles inspired by the children's enthusiasm.

Ian added: "The pupils loved seeing all the big-name brands we supply to and especially enjoyed dressing up in all the protective gear and acting the part of steel heroes."

"Hopefully our visit has helped to inspire the next generation of engineers and industry leaders as well as educating the pupils on what goes on behind closed doors at the steelworks."

The sessions were very well received, and the duo have been asked to return to lead more sessions in the future.



## Team Tata Steel face the Cold, and wet, Truth

More than £25,000 was raised in just one night for homeless charities thanks to the Cold Truth campaign, in conjunction with radio stations Swansea Sound and The Wave and contract partners EG Lewis back in February 2020.

For the past three years Tata Steel has sponsored the awareness campaign, which seeks to challenge the stereotypes associated with homelessness and shed light on those who are dealing with, or have been affected by, homelessness through an on-air campaign.

The fundraising activities culminated in a mass sleepout outside the Liberty Stadium in Swansea.

More than 140 people registered to take part this year, with 30 of them from Tata Steel. Together the team has raised more than £4,000, which will be split between partner charities Llamau, Matthew's House, Zack's Place and Salute.

All the charities are working within the South West Wales area, affecting change and helping those most vulnerable in society.

Community Liaison Manager Nia Singleton said: "It was a tough night. It was cold and at points there was some heavy rain, but the team spirit was high, and we all understood that this was only



Team Tata Steel raised more than £4,000 for homeless charities by spending a night sleeping outdoors in makeshift cardboard beds

one night for us, whereas it's an everyday reality for some.

"It was humbling to hear from the partner charities about the work they do and how the money raised was going to

help them. I can't say I'm looking forward to it next year, but we're motivated as a team to do it again and hopefully raise even more."

The money raised will be used by

## Helping to clean up our beaches

Eight million individual pieces of marine litter find their way into the sea each day and the amount found on beaches in the UK has more than doubled in the last 15 years alone. But, globally, efforts are in place to see these figures decline.

As part of this global effort and to be more prominent in the local community, the Sustainable Operational Excellence team organised a beach clean-up at Aberavon beach, overlooking the Port Talbot works.

The event was organised by Lead Change Agent, Franklin Lewis. He said: "As a team we're really passionate about the environment and contributing to the local communities. We decided to head down to our local beach in our lunch break and pick up any bits of litter we could find, especially plastics."

"We want a zero-carbon footprint at Tata Steel, so part of what we want to give back is a cleaner, nicer community area for all to enjoy."

Team members used their lunch break to not only clean the beach, but to get away from their desks for 15 minutes – something not done often enough.

Ian Walters, Operation Excellence Coach said: "Frank and I have been planning beach clean ups in our local community in Bridgend and wanted to bring that energy to the communities local to the works."

Franklin summed up: "We can be seen in the background, but we don't want to be in the background of the community. We're keen to positively influence people and prove that we're making a difference."

Franklin and the team hope their clean-up will inspire others to lend a helping hand in their local communities.

# Canned recipe



Over the past few months, the demand for food, especially non-perishables, soared. As a result people turned to steel-inspired dishes using up stock from cupboards. There is a good chance the steel used in canned foods in the UK will have been made in Port Talbot and Llanwern and produced into tinsplate for the food industry in Trostre. So, why not bring a can of happiness to your family and friends with this delicious crab chowder mac and cheese.

## Crab chowder mac and cheese

This tasty mac and cheese takes mere minutes to cook and can be served straight from the pan if you're in a hurry. Replace the crab with any soft and delicately flavoured fish to your taste.

**Cooking time:** 20 minutes  
**Serves:** 2

### Ingredients:

- 120g small pasta
- 100g diced frozen or fresh onion
- 200g canned sweetcorn (165g drained)
- 120g potato or cauliflower, finely diced
- 375ml milk
- 50g hard strong cheese, like parmesan
- 170g canned crab meat (120g drained)
- Breadcrumbs, optional

### Method

1. Add pasta, onion, sweetcorn and potato or cauliflower to pan. Pour over milk, cover and cook for six minutes on high heat then reduce to lowest heat and simmer for another six minutes.
2. Grate in cheese, reserving some for oven cooking.
3. Drain crab meat and add to the pan.
4. Transfer everything into a roasting dish and top with reserved cheese. Place into a preheated oven at 180°C and bake for 15 minutes, until crisp. Serve immediately.

### Canny fact

The sterilised filling of food cans (a process known as retort) requires resistance to steam pressure of up to 135°C. Steel's unique ability to expand and contract to its original shape under these conditions delivers the highest levels of protection and safety.

# HERITAGE CORNER: HOME SWEET HOME

Each edition we take you for a trip down memory lane delving into our newspaper archives from over the last 50 years. With all that has gone on this year and holidaying abroad all but out of the window, the *Steel Matters* team has had a dig through the archives to see what summer staycations past steel holidaymakers went on to perhaps inspire your next trip!

A day out in the Upper Swansea Valley is as appealing today as it ever was. Just a short drive from the steelworks it is obvious to see why generation after generation plan picnics and waterfall walks in these rolling hills.

A seaside outing never

needed planning with the wonderful beaches right on the doorstep of the steelworks. Children played in the sand all day long, recreating the works in the background with their bucket and spade.

And of course, employees would also travel farther afield

camping and hiking their way across the country. Such as in the 50s when 30 steelmen from Ebbw Vale visited the lake district for an all-purpose mountaineering, hiking and sailing holiday – they even took part in a spot of painting.

In this year of staycations, enjoy any holiday you choose. Maybe in the same spots the previous generations of steel families revelled in, but don't forget your sunscreen!



## A day out in the Upper Swansea Valley

Send in your heritage pictures and memories to us via email [community.committee@tatasteleurope.com](mailto:community.committee@tatasteleurope.com)

## GET IN TOUCH WE'D LOVE TO HEAR FROM YOU!

Follow us on



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or



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Stay informed by signing up for our monthly electronic newsletter and for Port Talbot Works announcements

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[www.tatasteel.sponsor.com](http://www.tatasteel.sponsor.com)

Drop us an email [spukcommunity1@tatasteel.com](mailto:spukcommunity1@tatasteel.com)



Hover your smart phone camera over this to go through to sign the petition hosted by Community Union to encourage the UK Government to utilise a UK supply chain for steel procurement for all new major infrastructure and building projects.

**COMMUNITY SUPPORT LINE**  
**0800 138 6560** [community.support@tatasteel.com](mailto:community.support@tatasteel.com)