

DOVER WESTERN DOCKS REVIVAL (DWDR) NEWSLETTER



Winter 2018



The Port of Dover handles 12 million passengers, 2.6 million freight vehicles, 2.3m tourist vehicles and up to £122 billion of UK/European trade. It supports 22,000 jobs, many of which are in the local community.

Dover Western Docks Revival (DWDR) is a one-off opportunity for the regeneration of Dover, bringing new investment into the area. With UK Government planning approval and supported by a mix of private finance and European Union grant funding, DWDR will deliver:

- Relocation and further development of the cargo business with a new cargo terminal and distribution centre;
- A transformed waterfront to ultimately attract a host of shops, bars, cafes and restaurants with Dover's unique backdrop of the harbour, cliffs and castle;
- Creation of greater space within the Eastern Docks for ferry traffic; and
- Much needed quality employment opportunities for local people.



Co-financed by the European Union
Connecting Europe Facility

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DELIVERING FOR DOVER & THE NATION

Enhancing National Infrastructure And Resilience...

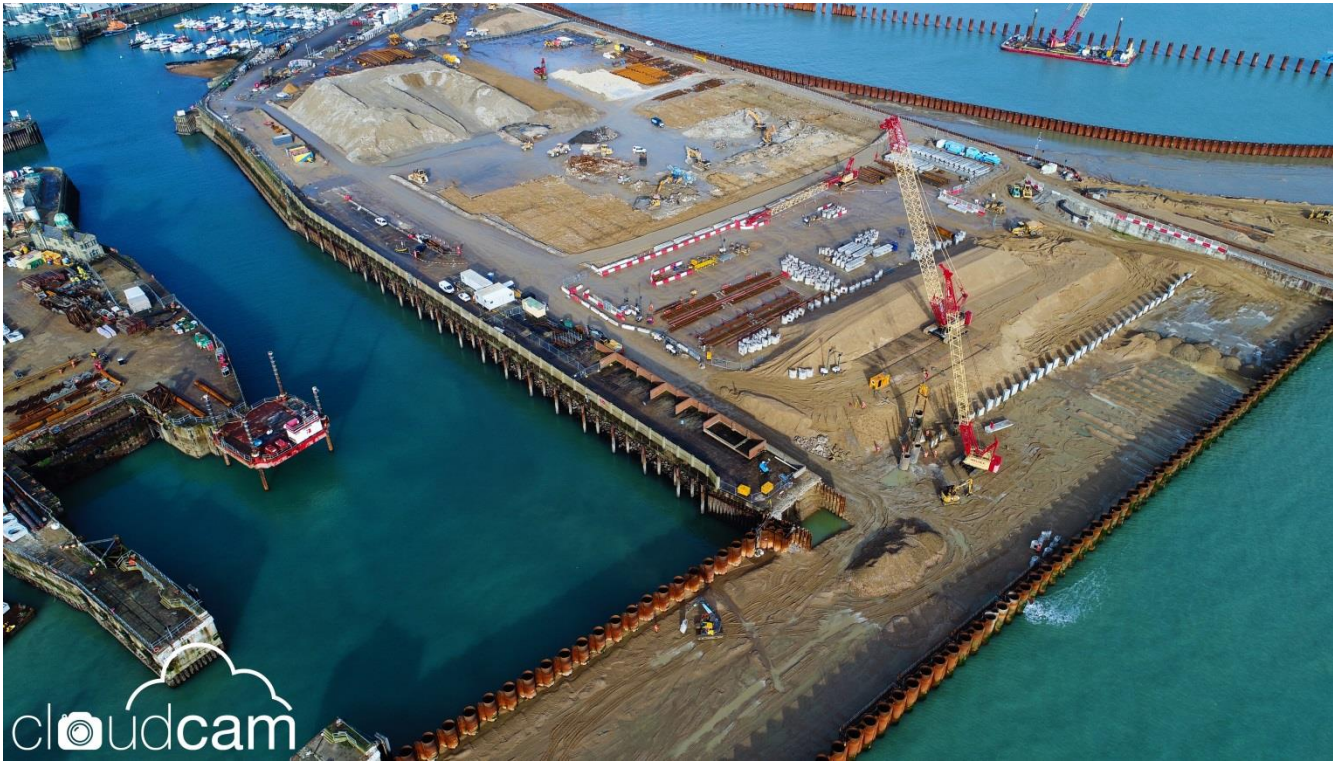
- As of January 2018, 711 tubular piles, equating to a total length of 20.3 kilometers have been installed;
- As of January 2018, 1,490 sheet piles, equating to a total length of 23.4 kilometers or the length of more than 500 football pitches have been installed;
- The total weight of the steel used for piling (both tubular and sheet) is 24,555 tonnes;
- The piling works to the marina curve and berth areas took 175 days to complete and covers a distance of 2.3 kilometers within the harbour area;
- Since the area is now 'enclosed', the reclamation phase has begun where 1,100,000 m³ of silt has been dredged by Trailer Suction Hopper and Backhoe dredgers;
- As of January 2018, 80,000 tonnes of rock and 500,000 m³ of sand was delivered and installed on-site, ensuring that the areas for Berth A and C are complete to the 3.8m level;
- The areas that have reached the 3.8m level are to be compacted using specialised dynamic compaction equipment and tested to ensure the ground is solid and stable enough for further works; and,
- In addition, works on the Wellington Navigation Channel have progressed well with the cofferdam being shored up ahead of works to connect the channel to the main marina, later this year.

In 2018 the reclamation works will continue, bringing all the areas up to 3.8m to allow quay wall tie-rods to be installed following which the area will be filled to the final reclamation height and compacted towards the end of April 2018.

There then remains a further dredging campaign to clear the berth pockets and approaches which should be completed by June 2018.



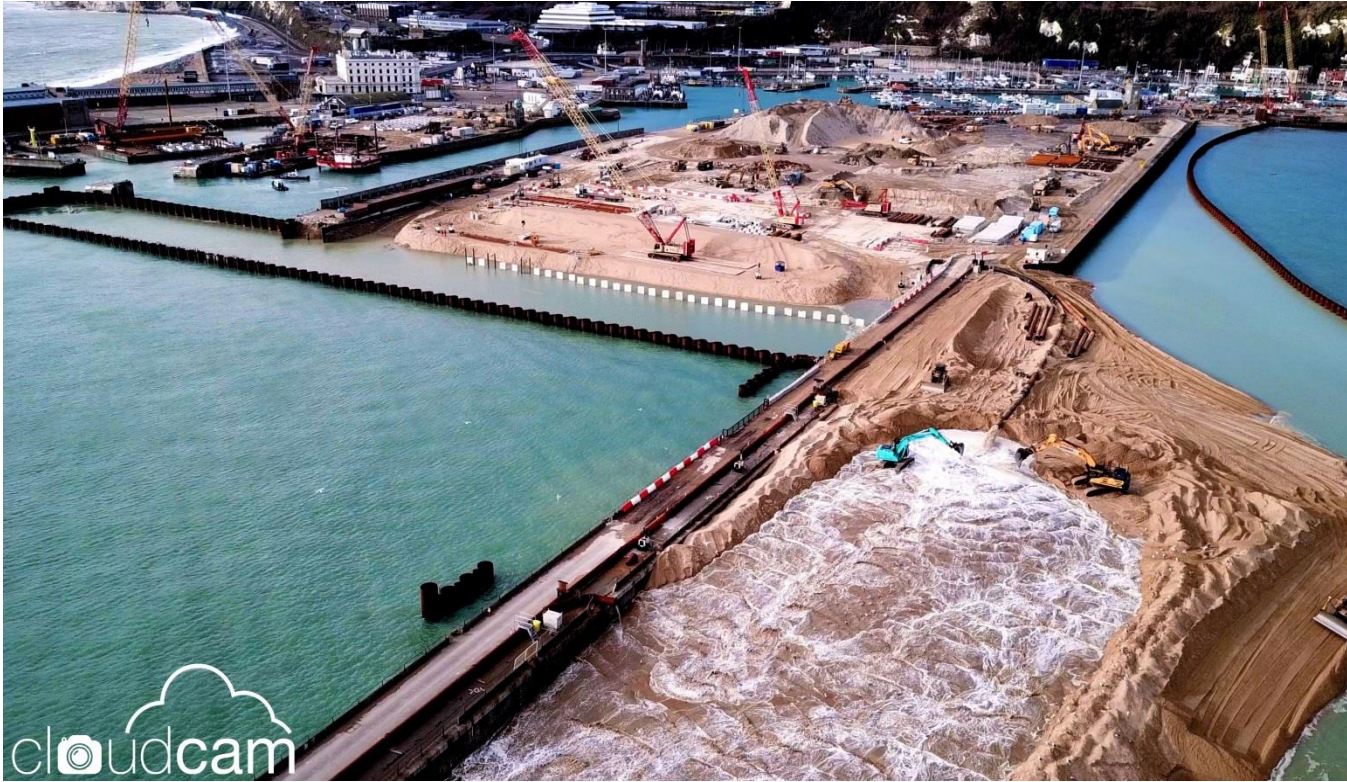
BERTH A RECLAMATION



BERTH A RECLAMATION



BERTH C RECLAMATION



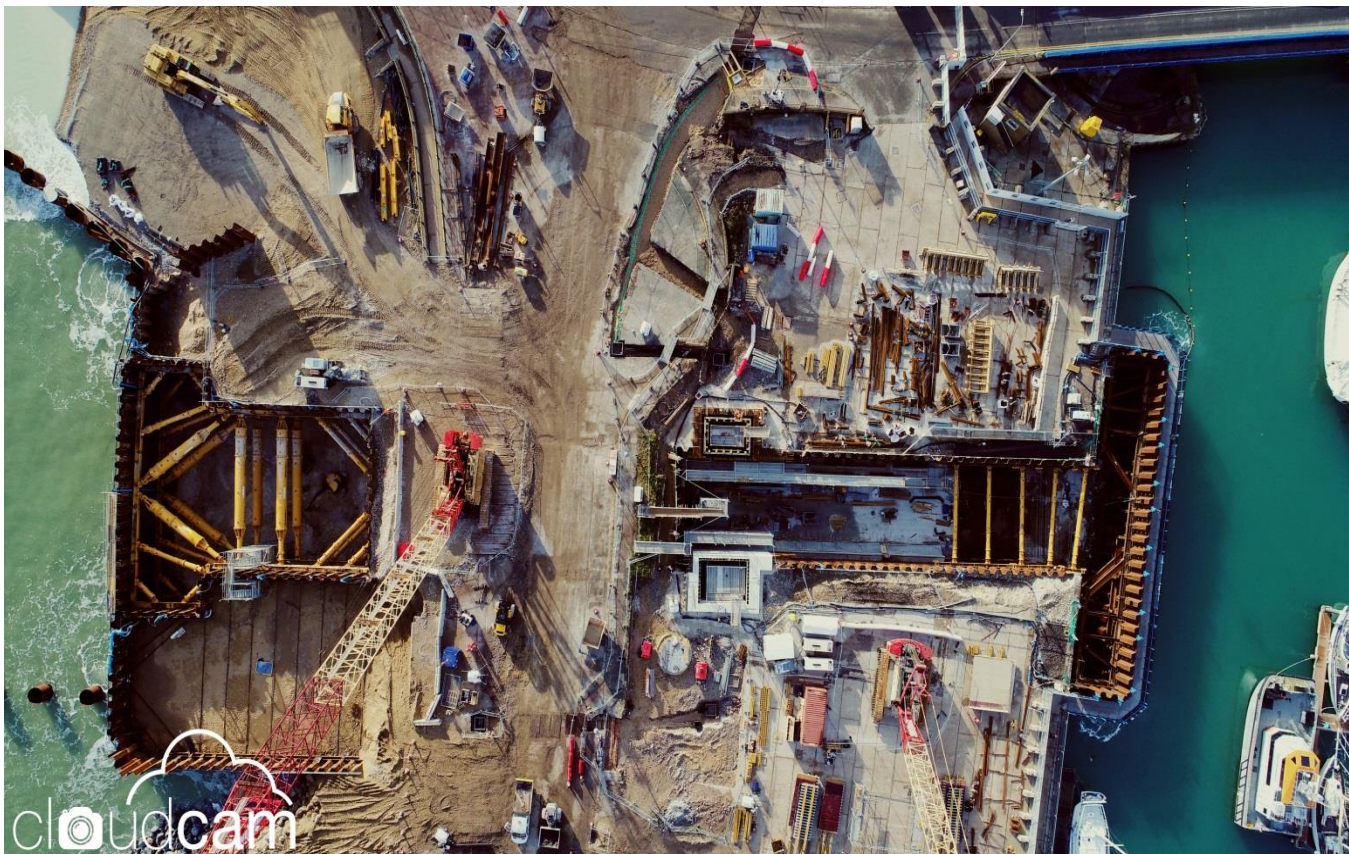
BERTH C RECLAMATION



WELLINGTON DOCK NAVIGATIONAL CHANNEL



WELLINGTON DOCK NAVIGATIONAL CHANNEL



MORE BUSINESS FOR EAST KENT

Geest Line's Dover Arrival Heralds New Era Of Trade Links...

The Port has welcomed its first Geest Line vessel, heralding the start of a long-term partnership with the expanding Europe-to-Caribbean freight firm. The 14,000-ton Baltic Klipper is the first of a newly strengthened fleet of five Geest Line ships to discharge its eastbound fruit cargo in Kent following loading in Colombia and the Dominican Republic. The call follows a relocation of the firm's south of England cargo handling from Portsmouth, prompted by the need to accommodate a revised rotation schedule and more shipping capacity.

Geest Line initially joins other commercial shipping lines operating from Dover's eastern docks cargo terminal prior to operations moving to the new, state-of-the-art specialist handling facilities at the western docks once DWDR is completed in 2019. The move to Dover comes as Geest Line replaces its fleet of four charter vessels with five larger and newer ships, increasing container and breakbulk capacity by over 40%.



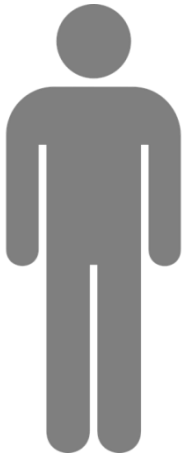
GEEST LINE

Headquartered in Fareham, Hampshire, Geest Line handles all kinds of general cargo from tiny perishables to large project machinery, returning from the Caribbean with fruit, mainly bananas, for markets in the UK and across Europe.

"We look forward to a long, positive relationship with Geest Line as we grow our cargo facilities with Dover Western Docks Revival providing ongoing employment stability and significant future job creation opportunities as well as facilitating a prosperous outlook for the economy" – Barbara Buczek, Director of Corporate Development and Operational Business, Port of Dover

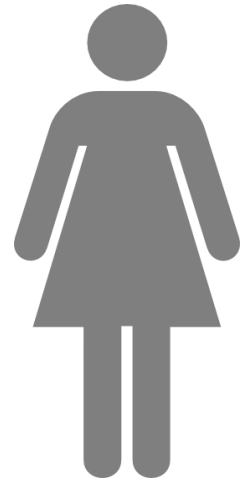
LOCAL BENEFIT

Port of Dover project benefits local community...



251

People have worked
on site since January
2017



43%

**Living within East
Kent**



12%

Female workforce
(above the industry average)



33%

**Living within
immediate area**
(Folkestone-Dover-Deal-Sandwich)

1,937 hours
volunteered in the
local community



£29,387 invested
into community
initiatives

£103m

**Contributed to East Kent economy
through a policy to source labour
and materials locally**

Creating Quality Employment Opportunities For Local People...

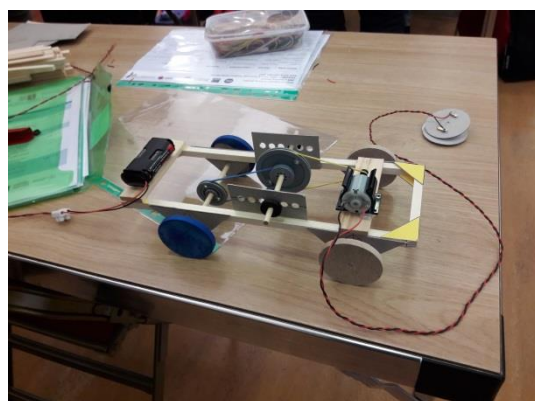
Lily Warren, 21, who attended St Edmund's Catholic School and Astor College for the Arts in the sixth form, first joined VSBW in January last year where she supported the set-up of systems and processes in an administrative role within the procurement and commercial teams. It is in this role that Lily gained valuable experience with senior quantity surveyors before being offered her apprenticeship at the end of autumn 2017 as a Trainee Quantity Surveyor with VolkerStevin.



“ DWDR’s apprentice programme provides the Port with an opportunity to attract and retain the best talent, while giving young people the chance to work with major contractors, such as VSBW ” – Dave Herrod, DWDR Programme Director

Working In Partnership With Stem...

The Port's STEM (Science, Technology, Engineering and Maths) Ambassador was on board to support the Mechanisms with Basic Electrics at Canterbury University. The events provided both Key Stage 1 [ages 5 to 7 years] and Key Stage 2 [ages 7 to 11 years] children the opportunity to engage in exciting practical maths, science and literacy projects using engineering type skills. The competition was designed to champion engineering ingenuity and provide a forum to celebrate their engineering skills and achievements. Through this process and dialogue the pupils came together to test their vehicles and discuss their work with engineer judges.



Giving Back To The Local Community...

As part of the Port's support for local charities and initiatives, it has, together with its contractor VSBW, raised £3,000 for the Dover Outreach Winter Shelter. The Winter Shelter offers a drop-in centre to cater for people who are homeless, vulnerable, socially isolated and lonely by providing supervised overnight accommodation at town centre churches, including a warm evening meal. VSBW raised funds by organising regular 'dress down Fridays' and encouraging our suppliers to donate to the charity whilst the Port held a 'winter festive competition' in the DWDR Project Office as part of their own initiative to fundraise for the charity.

"Homelessness in Dover is an issue nobody can ignore, especially in the cold winter months, and the Port has responded" – Dover Outreach



Investing In Community Initiatives...

VSBW kindly sponsored a bigger and better real-ice rink at the Port of Dover's hugely successful White Cliffs Christmas.

Just under 1,000 local school children and approximately 13,000 people took to the ice over a six-week period.



"VSBW are delighted to be playing a small part in giving back to the local Dover and East Kent Community" –Boskalis Westminster Ltd

Goodsite Honor's Big Build Competition...

Congratulations to Dover smART Project and all the local children from Lydden and Green Park Primary Schools and White Cliffs Primary College for the Arts for being awarded runners-up in the Goodsite Honor's Big Build competition. Dover smART Project helped coordinate the two-day build whereby local children (ages 7 to 11 years) were inspired to build a replica of the iconic Dover Castle using recycled materials.



“Dover smART Project is thrilled to be able to work with VSBW and the Port of Dover in bringing local primary schools together to educate youngsters on Dover’s history, engineering, art and the value of working collaboratively as a team ” – Dover smART Project

SHOWCASING DOVER'S INNOVATION

Port of Dover gets industry recognition...

The Port has gained industry recognition after commissioning a revolutionary temporary work system that has the potential to transform industrial pile driving across the world. The 'walking piling gate', which improves the safety, environmental standards and efficiency of the construction process, has been recognised as an innovation by the Considerate Constructors Scheme (CCS) showcasing best practice in the construction industry.



“The Port’s DWDR ‘walking piling gate’ innovation has clearly achieved benefits in each of these areas, and has made a significant contribution to improving the image of the construction industry” – Edward Hardy, Considerate Constructors Scheme

The gate clamps onto the previously installed piles and is equipped with hydraulic roller boxes to guide the piles accurately into position. After driving a pile, the gate glides forward autonomously from the crane and hydraulically adjusts its position to prepare for the next pile. Repositioning and levelling of the piling gate without the need of the crane significantly shortens the critical path, as it can be achieved parallel to upending and pitching of a new pile. In addition to piling in straight lines, the new piling gate can also undertake smooth, wide curves, which has proved invaluable with the Port’s marina curve design.

KEEP IN TOUCH

To find out more, come and see us at the DWDR Marketing Suite at the DWDR Project Office, De Bradelei Wharf, Cambridge Road, Dover, CT17 9BJ.

Open every Wednesday from 9am to 5pm, or by appointment via email: DWDR@doverport.co.uk



DWDR@doverport.co.uk

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