

The 5G-ENCODE Briefing

An update from Vassilis Seferidis on behalf of 5G-ENCODE

December 2021

Hi all,

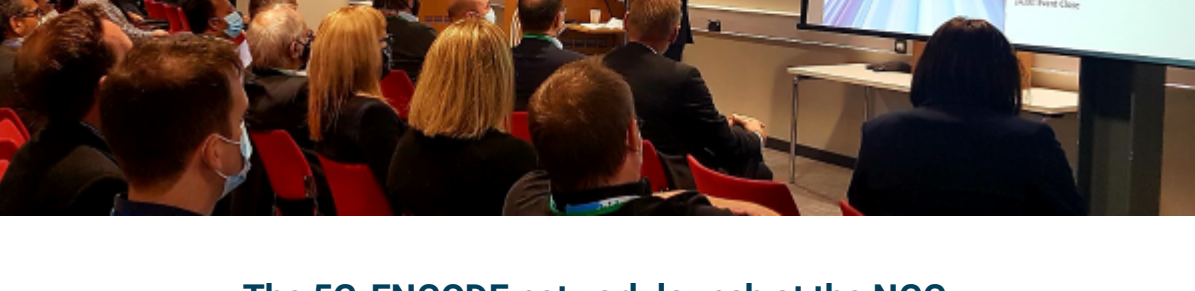
As the year closes, I wanted to take a moment to wish you all well and reflect on the achievements from across the 5G-ENCODE project this year! Not only have we installed our [network orchestration software](#) from Zeetta Networks and welcomed our newest partner [Accedian](#), we also successfully launched phase two of our network, and even managed to host the official [launch event](#) for our 5G network at the NCC.

I couldn't be prouder of the team, and I'm excited to see how we continue to progress in the new year as we work towards realising the results from our use cases. My thanks go to everyone who has contributed towards the 5G-ENCODE project so far.

However you celebrate the year end, I hope you have some time to relax and recuperate ahead of setting goals for 2022. As always, please do get in touch if you have any questions or fancy a chat about the project.

Until the new year,
Vassilis Seferidis

Founder and CEO at [Zeetta Networks](#), leading partner at [5G-ENCODE](#)



The 5G-ENCODE network launch at the NCC

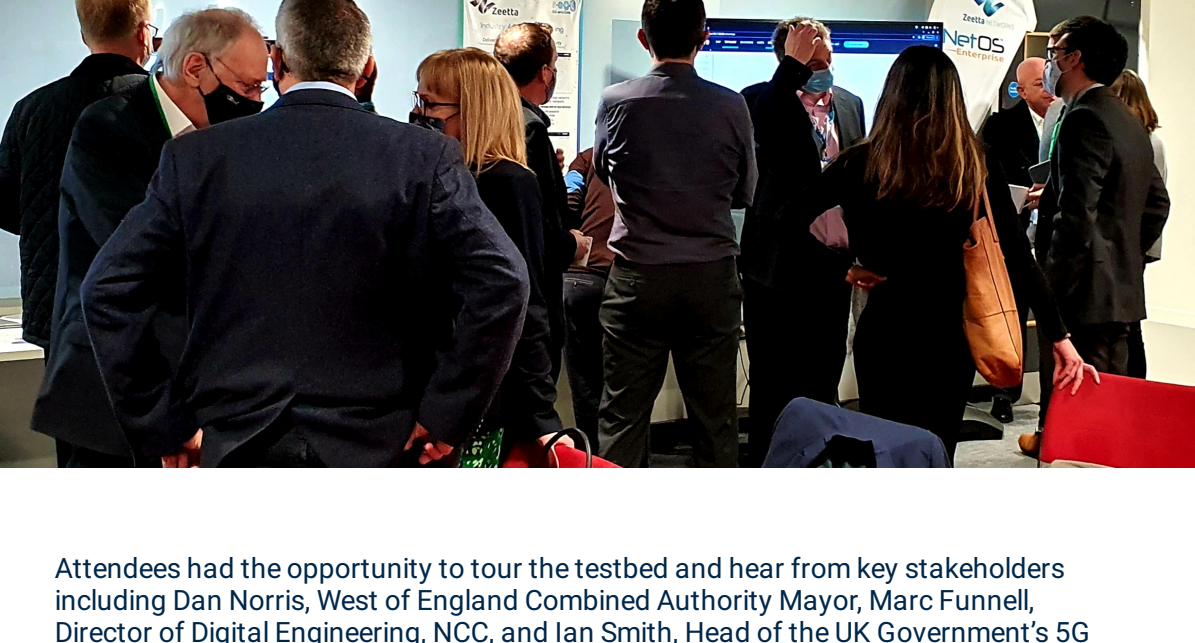
In November, we were thrilled to host the launch of our 5G network at the National Composites Centre with over 70 people attending. During the event we shared live and interactive demonstrations of the project's use cases, with attendees able to see the benefits of our tests in real-time.

Asset Tracking: Attendees were given an RFID tag, tracking their movements throughout the event, and a visualisation of their movements.

Augmented Reality/Virtual Reality 360 Training: Delegates tested the AR/VR equipment, with the available information transmitted over the 5G network was shared via a visual dashboard.

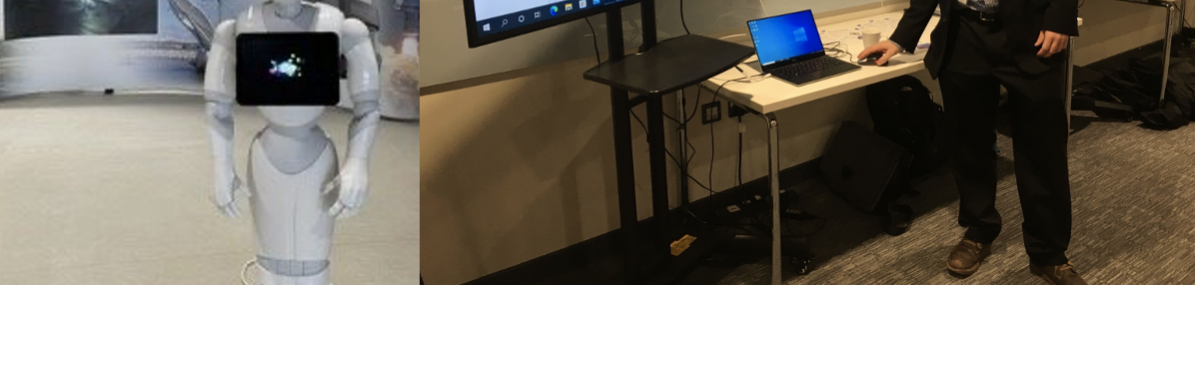
Composite Resin Infusion: Attendees saw a display of the dashboard showing data collected from the resin infusion process.

Composite Verification: Delegates saw a demonstration of a composite part being scanned using a robot and sending data across the 5G network from the sensor to the processing system.



Attendees had the opportunity to tour the testbed and hear from key stakeholders including Dan Norris, West of England Combined Authority Mayor, Marc Funnell, Director of Digital Engineering, NCC, and Ian Smith, Head of the UK Government's 5G Testbeds and Trials programme. It was a huge success, and we've received nothing but positive feedback from our attendees.

I also took the opportunity to share how the programme has been a huge opportunity for the region – it's estimated that since 2018, through this project, Zeetta Networks has attracted to the local economy (directly or indirectly) well over £4 million and created more than 30 jobs. An achievement we're incredibly proud of as a collective!



Speaking about the progress that 5G-ENCODE has made and its launch event, **Dan Norris, West of England Combined Authority Mayor** shares:

"It's a real privilege to have been invited to launch the industrial 5G network at the National Composites Centre. This is a real vote of confidence in our region's brilliance; it's cutting edge technology which puts the West of England firmly on the map as a digital powerhouse. The 5G-ENCODE project is testing innovations which could revolutionise the UK manufacturing sector, making it more efficient and sustainable. It will create high-skilled jobs right here in our region and bring in investment. It's good news for the West of England and GB PLC."



Looking to the future

Now that we have formally introduced the 5G network to our partners and industry stakeholders, we will be doubling down on testing the network and our outlined use cases ahead of sharing the final results. We will be sharing these results with you all and then can begin to truly demonstrate the revolutionary impact 5G will have on the manufacturing sector. Until then, stay tuned.



5G-ENCODE in the news



COMPOSITES UK

5G-ENCODE in collaboration with the NCC delivering Workforce for the Future on behalf of the West of England Combined Authority.

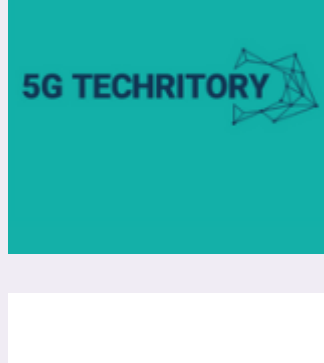
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COMPOSITES IN MANUFACTURING

NCC offering SMEs opportunity to develop digital capability

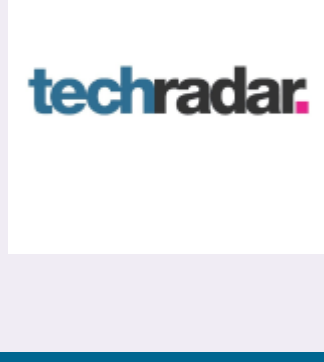
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5G TECHTRITORY

5G Techtritory kicks off with most expansive programme yet

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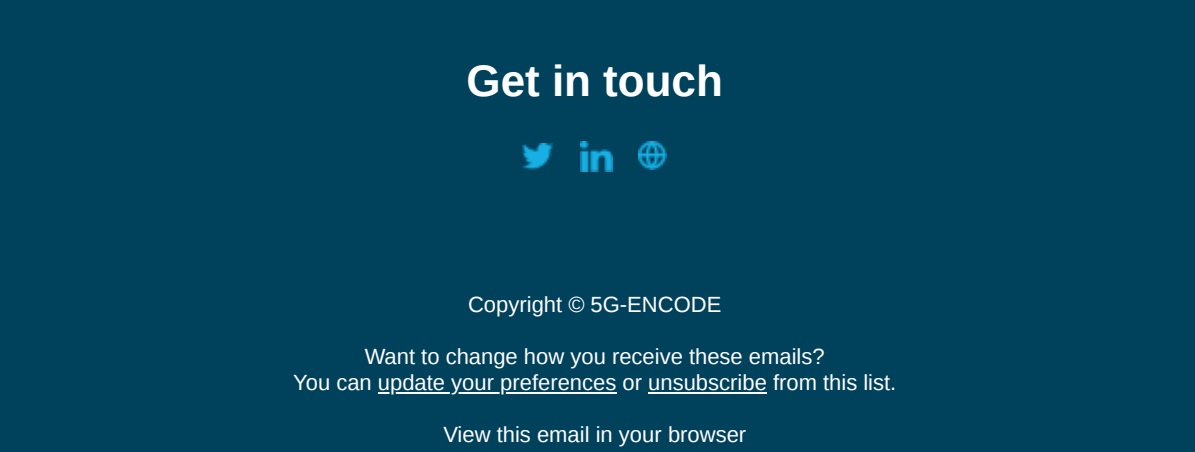
TECHRADAR

And in other news, TechRadar reports on how '5G revenues will reach \$600m by 2026'

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Learn more about 5G-ENCODE and how to get involved by visiting our [website](#)

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