



A warm welcome



A warm welcome to π-NET's very first Newsletter. With this Newsletter, we aim to keep you up-to-date on all our latest news, events, project updates and what we're doing in general!

There is a lot going on around the globe with regard to **5G** development, with both academic and business worlds researching and innovating in Smart Networks and Services at a very fast pace. The Newsletter will bring together input and insights from our partners in this area and we hope, that we can, in this way, make our Newsletter “our SNS happening place”!

With many thanks and warm wishes for the season!

Didoe Prevedourou
Managing Director

Insights

The power of 5G

The power of 5G wireless networks is related to the need for more capacity. Among the frequencies



that have attracted the global interest in 5G networks, which has also been licensed from the Greek regulator, are the 24/26/28 GHz, which provide new broadband services to homes and businesses with 5G connectivity speeds.

However, as businesses and organizations continue to need speeds in excess of 5G, providers are now looking at millimeter wireless point-to-point technology in band E (71-76, 81-86 GHz) as an alternative to fiber optics.

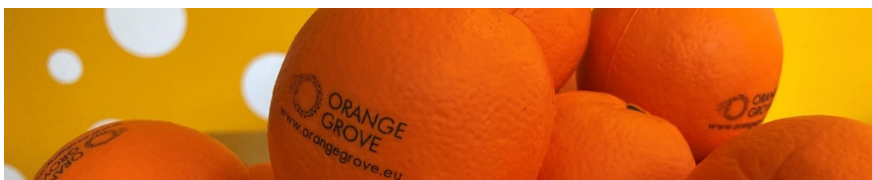
[Intracom Telecom](#) has already developed both, the 5th generation of the point-to-multipoint FWA platform, in the 24/26/28 GHz bands, which allows connectivity with Gigabit performance per subscriber, as well as a complete portfolio of solutions in V and E bands, offering speeds up to 30 Gbps.

In addition to network systems, the 5G era is also related to digitalization and aims to streamline operations, empower synergies & added value creation, generate new revenue streams for the providers & enable unique new services to end-users. Based on the deep knowledge of telecom networking, IoT, AI & NFV technologies, Intracom Telecom offers a wide range of solutions contributing substantially to the digital transformation and modernization of telecom operators, utilities, large financial/insurance enterprises and Local Government bodies. From Smart City automation, services enablement & monetization to sustainable virtualized network infrastructure optimization & energy efficiency to data-driven decision-making support, Intracom Telecom owns the expertise & skilled resources to be the preferred & trusted Technology Partner of our Customers.

Alexandros Tarnaris

Marketing & Communications Director, Intracom Telecom

An interview with Alexandra Sarma





Alexandra Sarma is the General Manager - Partner at Orange Grove & SDG House Greece.

Alexandra, how would you describe Orange Grove in 15 words or less?

An impact-driven incubator and startups ecosystem empowering talented individuals to grow innovative and scalable ventures.

What is it that Orange Grove gives to new startappers?

Access to networks and opportunity are probably our most important offerings. Of course, we provide business and soft skills training to connect the dots between scientific research, tech development or simply an innovative idea, on the one hand, and the market, on the other. But more importantly, through Orange Grove, the Netherlands Embassy - which initiated OG- and other Embassies we collaborate with, we have a global network of active mentors and partners, offering participants valuable insights and important connections to help build their own networks, at their very first steps when it is most needed.

What is often said but quickly ignored is that talent is everywhere, but opportunity is not. Crucially, we offer aspiring entrepreneurs opportunity to grow, no matter who or where they are. As a remote-first incubator we bring opportunity where the talent is, not the other way around. This is especially important when it comes to high-potential individuals who due to circumstance, geography or other challenges would not, otherwise, have access to the means to innovate and grow.

What is the most important thing you tell startup founders?

Don't fall in love too much with your product. Building a successful venture usually means you must iterate, experiment, test and continuously adapt your proposition and business model until you find the right product-market fit. This entails being challenged a lot and accepting that you might need to make important changes (or even throw it away entirely) as you validate your initial concept and translate it into a solution of value for your potential customers. And, listen. Listen to people around you, open up to feedback, do not remain in isolation.

What are the next steps that Orange Grove plans to take in attracting talented people with innovative ideas?

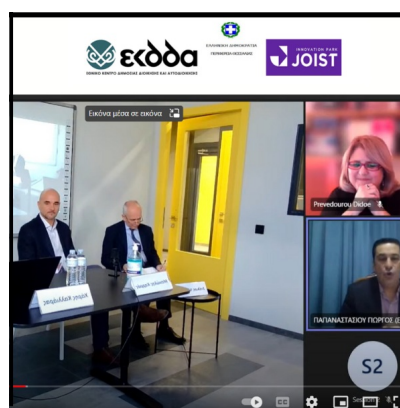
We are currently building a “sibling” to Orange Grove, the SDG House Greece. By placing sustainability in the centre of venture creation, this new platform will aim to attract the talented people needed to re-imagine the way we build business models and products, develop responsible technologies and accelerate sustainable venture building.

Our news



HETiA's Emerging Tech Forum

Very excited to have been part of the Emerging Tech Forum organized by HETiA - Hellenic Emerging Technologies Industry Association Conference on December 7th . The forum highlighted Greece’s potential within the EU Chips Act as well as the capacity of Greek firms to produce technologies for the IoT, 5G/6G, Smart Cities, Factories and Infrastructures.



EKDDA's Conference

π-NET’s Managing Director, Dido Prevedourou, participated in the Conference organized by the National Centre for Public Administration & Local Government, in collaboration with the Region of Thessaly and JOIST, on December 2 at the Joist Innovation Park, Larissa. The panel’s topic of discussion was centred around local government innovation in the energy and digital sectors.



MoU with Federation of Enterprises and Industries

An MoU was signed between π-NET and the Federation of Enterprises and Industries of the Peloponnese and Western Greece, aiming at knowledge transfer, supporting businesses with 5G communication technologies and



Patras Science Park hosts π-NET

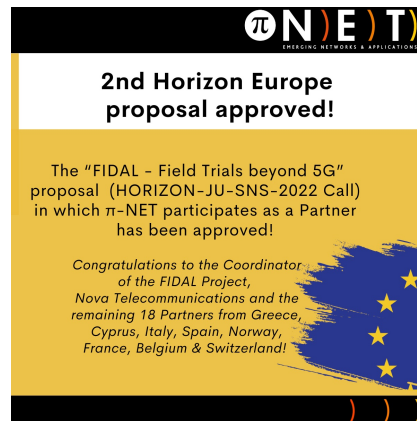
Patras Science Park is new host to π-NET! π-NET shares Patras Science Park's philosophy in providing support to innovative, technology-based companies.

enhancing innovative entrepreneurship.



MetaCities

Our MetaCities proposal (HORIZON-WIDERA-2022-ACCESS-04 Call for Excellence Hubs), was approved for funding from the EU! The consortium is made up of 21 partners from Greece, Cyprus, Bulgaria and Denmark, who will collaborate in creating an Excellence Hub for Future Cities and Regions in Southeast Europe (SEE).



FIDAL - HORIZON

Our "FIDAL - Field Trials beyond 5G" proposal (HORIZON-JU-SNS-2022 Call) in which pi-NET participates as a Partner was approved! FIDAL will bring together the cyber and physical worlds in creating services such as digital twins and the internet of senses/haptic applications.

Our partners' news

ACTA Ltd.



ACTA participated in #infocom World 2022, Athens, November 29-30, 2022, with a booth where various technologies supported by the company were available either as real-time demonstrations, such as Viavi ONA 800 RF monitoring equipment, or via posters and leaflets, e.g. the #EMF Observatory application based on Narda RF measurements



ACTA also presented the **ONMSi Passive Optical Networks Monitoring solution** from Viavi, that can facilitate #fiberoptics connectivity growth, enhance #CX and reduce OPEX through advanced remote fiber management. It also participated in the Science Section Workshops, presenting "5G Network Performance Monitoring in 5G-

tools.

TOURS and 5G-HEART EC Horizon2020 Projects: Results & Lessons Learned". ACTA was furthermore involved in preparing a CyberSecurity related EC Proposal.

WINGS ICT Solutions



Following the [announcement of the EC](#), WINGS proudly announces its participation in six new projects, of the SNS JU (Smart Networks and Services - Joint Undertaking), which is part of the Horizon Europe framework. The projects will develop and validate 6G (Beyond 5G) systems and services.

[find out more](#)

SARMED



SARMED announces its new collaboration with the brand KALLIMANIS following its incorporation in Dardanel Greece, a leading company in the frozen fish industry for the nationwide transportation project of refrigerated cargo.

[find out more](#)

Institute of Informatics & Telecommunications at NCSR Demokritos



A new series of monthly business talks titled AI Industry Connect was launched in March 2021 by SKEL | The Artificial Intelligence Lab and is supported by [ahedd Digital Innovation Hub](#). This initiative aims to bring to the forefront, the possibilities of Artificial Intelligence being put to use by the Industry, in various domains.

[find out more](#)

Job Vacancies at π-NET



π-NET
EMERGING NETWORKS & APPLICATIONS

WE ARE **HIRING**

- 5G Systems Platform and R&D Engineer
- Junior Developers/Researchers for 5G/NFV Services
- Senior Developers/Researchers for 5G/NFV Services

APPLY NOW

For more information, see our "Careers" section at www.p-net.gr
Please send your CV to info@p-net.gr

π-NET announces that it is hiring for the following positions:

[5G Systems Platform and R&D Engineer](#)

[Junior Developers / Researchers for 5G/NFV Services](#)

[Senior Developers / Researchers for 5G/NFV Services](#)

Candidates interested in applying should please send their CV to info@p-net.gr

π-NET Emerging Networks & Applications

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