

Alcatel Submarine Networks selected for the groundbreaking Anel CAM submarine cable project in Portugal

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Alcatel Submarine Networks (ASN) is honored to announce it has been awarded by **Infraestruturas de Portugal** (IP) the implementation of the innovative Anel CAM project, a submarine fiber optic cable network designed to upgrade and extend digital connectivity across the country and beyond. This ambitious project marks a key step in the modernization of Portugal's communications infrastructure, linking Portugal to the autonomous regions of the Azores and Madeira, and reinforcing the country's central role in the global telecommunications network.



The new submarine cable system will be 3,812km long and comprise six pairs of optical fibers, offering a total capacity of at least 150 Tbps. This capacity represents a substantial increase on the current system, multiplying transmission capacity by 500 and ensuring ultra-high-speed, low-latency connectivity, essential for 5G mobile technologies and other services required by our digital economies.

The Anel CAM project also features a unique **SMART** (Science Monitoring And Reliable Telecommunications) technology component, enabling seismic detection, climate and environmental monitoring, and data transmission for scientific purposes. This innovation places Portugal at the forefront of research into climate change and natural disaster prevention, providing crucial data for understanding and anticipating extreme weather phenomena.

Miguel Cruz, president of IP, highlighted the great importance of launching this project “*when currently more than 95% of all communication and internet is supported by submarine cables, we will create conditions to replace the current communications system, for a new and more modern system that will have a capacity of approximately 150 terabytes and will allow for enormous improvements in terms of communications performance and, consequently, a reduction in costs, as well for the importance of having, for the very first time in Portugal, a SMART Cable*”.

ASN is committed to applying its recognized expertise and technological capability to the Anel CAM project, thus affirming its position as a leader in the field of submarine telecommunications infrastructure. This project not only underlines Portugal's commitment to innovation and digital sovereignty, but also strengthens the long-standing partnership between ASN and Portugal, demonstrating mutual trust and a shared commitment to technological excellence.

"*We are proud of this new collaboration with Portugal for this groundbreaking project. ASN is fully committed to applying our expertise and most advanced technologies to ensure the success of the Anel CAM project*", said **Paul Gabla**, ASN Chief Sales & Marketing Officer, at the official announcement.



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About Alcatel Submarine Networks (ASN)

Alcatel Submarine Networks, part of Nokia, leads the industry in terms of transmission capacity and installed base with more than 800,000 km of optical submarine systems deployed worldwide, enough to go almost 20 times around the world. From traditional telecom applications to content and “over the top” service provider infrastructures, as well as to offshore oil and gas applications, ASN provides all elements of turnkey global undersea transmission systems, tailored to individual customer’s needs. An extensive services portfolio completes its comprehensive offering for the submarine business, including project management, installation, and commissioning, along with marine and maintenance operations performed by ASN’s wholly owned fleet of cable ships.

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About Infraestruturas de Portugal, S.A. (IP)

Infraestruturas de Portugal, SA, is a public company responsible for the management of road and railway infrastructures, that operates within a rationale that is aimed at promoting multimodal mobility, ensuring the provision of safe, efficient and sustainable services. IP's corporate object is the design, construction, financing, conservation, operation, restoration, expansion and modernization of national road and rail networks, including the command and control of train movement.

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