

BeammWave granted SEK 3M contribution from Vinnova

The project, from the call “6G Research and innovation 2024”, is coordinated by BeammWave and is a joint project together with Advenica and Lund University. The total budget of the project is SEK 8.6 M whereas the Vinnova grant, is SEK 5.9M and the BeammWave share of the grant has a total of SEK 3M.

The project title is “Distributed digital beamforming for cmWave and mmWave integrated radar and communication”. The project idea is to utilize BeammWave’s Advanced Development Platform - ADP1 in the mmWave Frequency Range, to develop 6G technology for Integrated Sensing And robust Communication (ISAC). The project will start in November 2024 and conclude in August 2027.

“By employing our distributed digital beamforming architecture, the sensing can be done with higher precision compared to current architectures which are based on analog beamforming solutions”, says Bengt Lindoff, Chief Systems Architect of BeammWave.

“We continue to build on our successful collaboration with Lund University and Advenica making sure that we cover network efficiency, spectrum sharing and security”, says Markus Törmänen, co-founder and Board Member at BeammWave.

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About Us

BeammWave AB are experts in communication solutions for frequencies over 24GHz. The company is building a solution intended for 5G and 6G, in the form of a radio chip with antenna and associated algorithms. The company's approach with digital beamforming is unique and patented, with the aim of delivering a solution with higher performance at a lower cost. The company's share serie B (BEAMMW B) is listed on the Nasdaq First North Growth Market in Stockholm. Certified Adviser is Redeye AB.

Image Attachments

[Markus and Bengt](#)