

Innovate UK

Results of Competition: Newton Fund - UK-Turkey 2015

Competition Code: 1507_EU_NEWTON_TURKEY

Total available funding for this competition was £1.5M

Note: These proposals have succeeded in the assessment stage of this competition. All are subject to grant offer and conditions being met.

Participant organisation names	Project title	Proposed project costs	Proposed project grant
Viper RF Ltd	5G_SIP: 4-channel phased array unit for 5G Applications	£170,949	£102,000
Project description - provided by applicants			
Smart Cities will play a significant role in improving the quality of life of urban inhabitants and the efficiency of businesses including for real-time e-Health, smart grids, smart cars, connected housing and entertainment. This demands future enhancements to the flow of information by improving communication systems, digital techniques and data rates of wireless systems in excess of existing 4G infrastructure. This project aims to develop a compact 4-channel transmit module for 5G telecommunication base stations to support the Smart Cities goal. The module will be realized as a cost-effective system-in-package (SIP) operating at high bandwidth millimetre-wave frequencies. The SIP will consist of several customized highly integrated chips, integrated antennas and associated control electronics in a single multi-layer package.			

Note: you can see all Innovate UK-funded projects here

<https://www.gov.uk/government/publications/innovate-uk-funded-projects> Use the Competition Code given above to search for this competition's results

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Tractair Ltd	T.Y.P. Project: Tractair - Yildiz Pul Airbrake Project	£338,904	£224,000
Project description - provided by applicants			
<p>The Turkish authorities are introducing regulations governing the use of tractors and trailers on the highway which will demand superior and safer braking systems. To meet these requirements, we propose, along with our joint partner, Yildiz Pul Ltd, Turkey, to develop a suitable pneumatic braking system (air brakes) using our knowledge of such systems and Yildiz Pul's knowledge of air compressor technology. The aim is to provide Turkish tractor manufacturers with cost effective, compliant, modern braking systems that will make Turkish roads safer, cause less pollution and give Turkish tractor OEMs export opportunities in the EU being fully compliant with both Turkish and EU braking regulations. A successful project will enable both companies to supply market needs with compliant systems for their products, leading to greater economic activity, creating more employment, developing and supporting the supply chain in both countries.</p>			

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