

Innovate UK

Results of Competition: Newton Kâtip Çelebi Fund - UK-Turkey Collaborative R&D 2016
Competition Code: 1605_CRD1_NEWTON_TURKEY2

Total available funding is £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
KPAD LTD	SmartVRA	£319,344	£223,541
Project description - provided by applicants			
<p>VRA (Variable Rate Applications) technologies aim to achieve an optimized use of inputs allowing the farmers to place a specified amount of input on a particular area of the field. The site-specific application of inputs is required for savings in time, cost and fuel as well as for optimizing the use of resources for a sustainable agriculture. SmartVRA project main aim is the development of a novel, low-cost integrated VRA solution, able to (i) optimize spraying and fertilizing operations efficiency and (ii) to evaluate their impact through Life-cycle assessment (LCA) analysis that will lead to a more sustainable bio-production environment by reducing inputs, losses and negative environmental impacts of agriculture. SmartVRA will be mounted to any existing fertilization and spraying agricultural equipment bridging the gap between large scale farms with high tech agricultural equipment and small scale farms with low tech equipment. Finally, most VRA current systems are sold for arable farms and not for perennial crops, such as orchards and vineyards. SmartVRA aims to bridge this gap for offering affordable solutions for not only arable farmers but fruit and vineyard farmers as well.</p>			

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