

Water and Fertilizer Saving for Sustainable Agriculture in Africa

Company Introduction



- Serdengeçtiler Agricultural Cooperation is created at the beginning of the 20th century
- The 3rd generation operates the plantation with a professional team.
- Provides Complementary and Development Services to Agricultural Production
- Producing capacity about 1100 tons of different kind of mandarins and oranges.

Past R&D Projects



- The company began its multi-targeted R & D projects after 2008.
- "Water and fertilizer saving with domestic minerals" project is completed in November 2014. Technology has 7-years patent protection.
- The next phase of this work will proceed in the half of 2017.
- One national funded (TUBITAK) project is under development about new mineral fertilizer production system.

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A system interdisciplinary approach will be adopted to achieve the following:

- Boost the impact of Africa-EU joint research at local level by addressing the entire value-chain, strengthening capacity-building and focusing on demonstration projects and pilot actions to bring research and innovation results to the users;
- Provide simple tools and solutions for preserving and increasing natural resources of the specific agro-system;
- Identification of methods and tools for improving soil condition for water retention, increase in nutrient and organic matter;
- Proposed methods and solutions for different farming systems should include potential of transferability and scale at which solution can be implemented.;
- Solutions and tools for increasing farm income within sustainability of long term farming.
- Based on the soil sample analysis, provide a set of key indicators for soil assessment in Africa

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Looking for partners:

- Partners from across the agri-food value chain;
- Biotechnological solution developer;
- Innovator in soils, irrigation or water;
- Partners with a reach out to Africa's agriculture sector;
- Research organisations and universities for lower TRL work and dissemination.

Application process:

- 23 Jan 2019 (First Stage)
- 04 Sep 2019 (Second Stage)

Thank You!

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