

Project title: Biosaline Agriculture, Egypt



Project details

Country: Egypt

Key activity: Study on vegetable growing with brackish water for 3 crops

Starting date: May 2017

Ending date: December 2017

Partners: Nectaerra, Salt Farm Texel, IV-Water, Cedare, NWRC, DRC

Financed by: RVO

Description of the project

Study on vegetable growing with brackish water for 3 crops (open field and greenhouse)

Type of activities carried out

The sweet water reserves are decreasing fast. The Great Ethiopian Renaissance Dam, will effect the water flow to Egypt, by an expected 40% decrease. Other reserves in Egypt are affected by salinization. For food growing, the expectations are very bad, lacking one of the major inputs. Studies have shown it is possible to grow vegetables with brackish water. With this preliminary study, the consortium including the local organisations, will advice on a full (technological and cultivation) methodology to grow 3 different crops, without highly expensive purifying equipment. The study will be followed up by a commercial implementation programme.