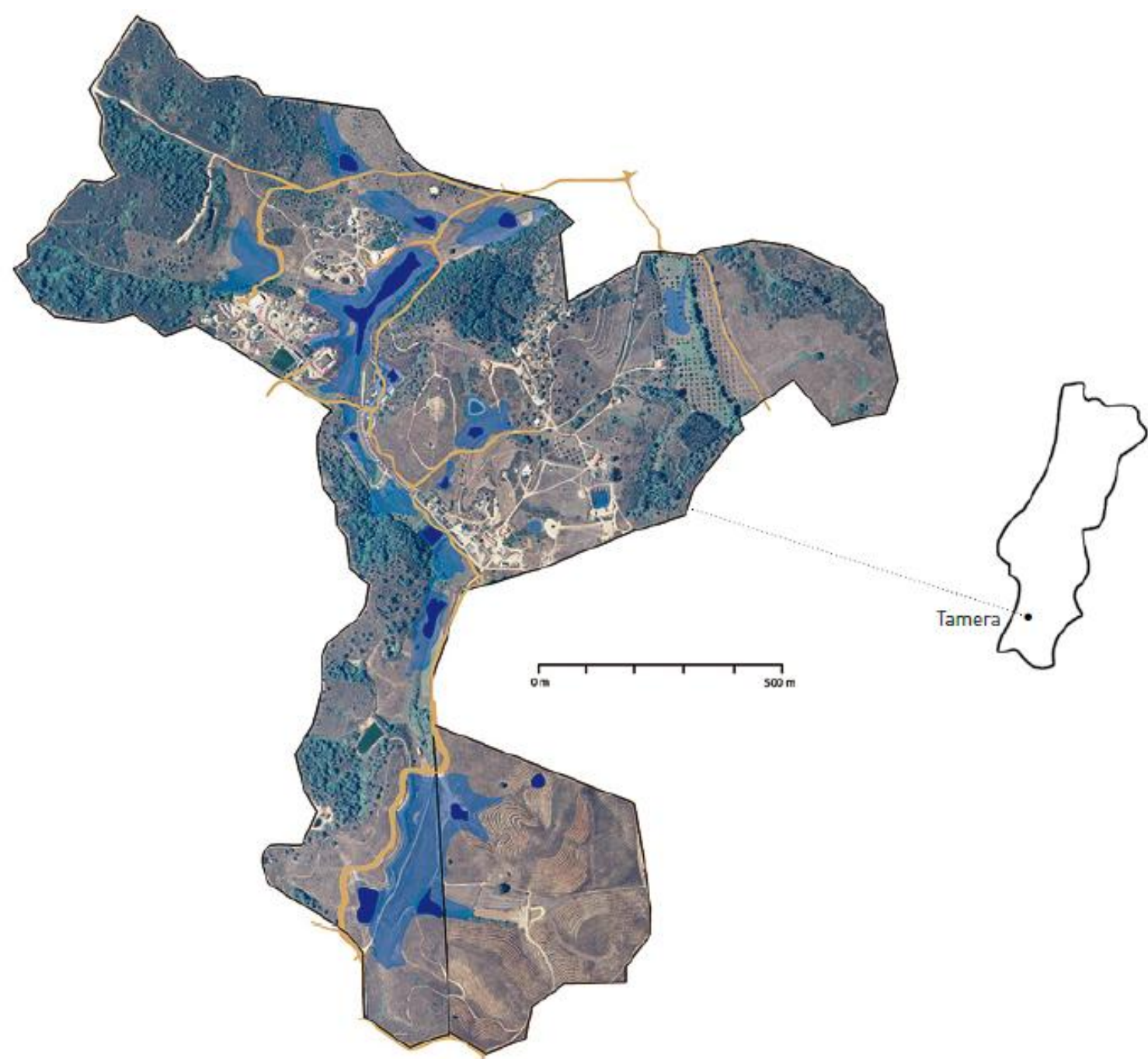


Tamera Water Retention Landscape

A measure of Regenerative Adaptation to climate change, drought, water scarcity and heat



Figures - Water Retention Landscape of Tamera in 2013, Tamera, Alentejo, Portugal

Tamera, a farm of 154 ha, is located in the most arid region of Portugal (Alentejo). The creation of a water retention landscape had the goal of counteract the increasing trends of erosion, desertification and droughts observed in the area. This in turn allows Tamera to become self-sufficient in terms of water and food and to reduce its vulnerability to climate change and water-related extreme events such as droughts, water scarcity and floods. This approach to water management has created a regenerative basis for autonomous water supply, the regeneration of topsoil, forest, pasture and food production, and greater diversity of wild species. Another goal is to use Tamera example to demonstrate a model that can be implemented in other Mediterranean areas prone to desertification.