

FICHA DE PROJETO

Acrónimo:	CRKIT
Designação do projeto (PT/EN):	CRKIT - Indicadores de Resiliência Climática para Inovação Tecnológica na Agricultura - 2022.01729.PTDC
Código do projeto:	2022.01729.PTDC
Objetivo principal:	CRKIT's goal is to feature novel insights beyond the state-of-the-art to support on-farm transformative changes in line with pledges for climate (SDG13) and terrestrial ecosystems (SDG15), while ensuring secure and resilient food (SDG2).
Entidade financiadora/Programa de financiamento:	FCT - Fundação para a Ciência e Tecnologia
Região de intervenção:	-
Investimento Total Elegível:	227.693,60 €
Custo total elegível (IPSantarém):	54.667,30 €
Apoio financeiro da União Europeia:	100% Nacional
Apoio financeiro público nacional/regional:	-
Taxas de financiamento:	100,00 %
Entidade beneficiária:	Instituto Politécnico de Santarém
Investigador Responsável:	Artur Saraiva
Parceiros:	IDMEC - Instituto de Engenharia Mecânica (IST) (Promotor); ICL – Imperial College London.
Equipa:	Maria do Céu Godinho; Raquel Saraiva.
Data da aprovação:	-
Data de início:	2023/03/01
Data da conclusão:	2027/02/28
Domínio científico e subárea científica:	-
Resumo (objetivos, atividades e resultados esperados) - em PT e/ou EN:	CRKIT's overall objectives are five-fold: 1. Identify transformative measures to accelerate climate action and resilience in agriculture by conducting a systematic assessment based on the downscaling of integrated assessment model (IAM) climate scenarios under different global warming levels and climate ambition (T2); 2. Characterise the technological and economic performance of selected measures (obj.1) based on technical and financial parameters, and social inputs (T3); 3. Evaluate the GHG mitigation potential of on-farm measures (obj.1) and its interactions with other local ecosystem services (including soil sustainability, biodiversity, water scarcity, and water pollution) (T4); 4. Develop a multi-criteria tool that evaluates the multiple techno-socioeconomic and environmental criteria (objs. 2 &3) of on-farm measures illustrated by a specific case study in Centre-Southern Portugal and identifies potential

	barriers to their implementation and means to overcome them (T5); 5. Increase capacity for scientific support for implementation of measures to reduce GHG emissions and increase resilience in agriculture and share best practises to facilitate decision-making process of influential agricultural players and local policymakers at local and national levels (T6). By exploring both analytical and experimental frameworks, the CRIKIT
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Outras informações:	