

Scheda Proposta Progetto

CIP DXJTBC

Dati proposta

Acronimo	BCRAW (rev.1)
Titolo	Biomanufactured Chemicals from Recycled Agricultural Wastes
Durata in mesi	36

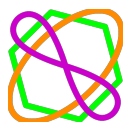
Descrizione

The aim of this proposal is to develop international scientific cooperations between the governments of Egypt, Tunisia, France, Italy, England, and Germany with the express goal of the EU initiative on Biotechnology and Biomanufacturing. This proposal will address challenges faced in the fields of renewable materials and environmental pollution by developing new products from readily available agricultural wastes and residues. With the involvement of numerous scientists from all participating countries, this project focuses on the bioconversion of challenging lignocellulosic residues – specifically rice straw and sugarcane bagasse – into high-value platform chemicals (such as succinic acid) and biopolymers (such as polylactic acid/PLA). It will bridge the critical gap between laboratory-scale validation and industrial-scale demonstration, thereby positioning itself in the mid-to-late development stages of the Research and Innovation (R&I) maturity spectrum (moving from “lab” to “market”).

Stato	INVIATA
Proponente	CAGGIA, Cinzia
Struttura proponente	DI3A
Ambito	INTERNAZIONALE
Ente finanziatore	COMMISSIONE EUROPEA
Bando di riferimento	Horizon-JU-CBE-2026
Capofila	National Research Centre (NRC)
Partner	City of Scientific Research and Technological Applications (SRTA-City) -The British University in Egypt (BUE)-Intellisera Solutions-Grenoble INP - Pagora (LGP2)-Università degli Studi di Catania-ProBioEtna (ProBioEtna S.r.l.)-Université de Monastir, Monastir-Karlsruhe Institute of Technology (KIT)-KIT Related Industrial Partner-University of Birmingham- UoB UoB Related Startup

Dati economici

Costo complessivo	€ 5.580.000
Finanziamento complessivo atteso	€ 5.580.000
Finanziamento previsto UNICT	€ 400.000
Cofinanziamento previsto UNICT	€ 0



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Componenti (2)

#	Nominativo	Ruolo	Carriera**	Struttura	ERC	Ore*
1	CAGGIA, Cinzia	RESP_SCIENTIFICO	PO	DI3A	LS	250
2	RANDAZZO, CINZIA LUCIA	COMPONENTE	PA	DI3A	LS	125

* ore stimate
** PO - Professore Ordinario; PA - Professore Associato; RD o RM - Ricercatore TD; RU - Ricercatore

Distribuzione componenti per struttura

