UNIVERSITÀ DI FOGGIA

HR EXCELLENCE IN RESEARCH

Dipartimento di Scienze Agrarie, Alimenti, Risorse naturali e Ingegneria

# RELAZIONE DELLE ATTIVITÀ SVOLTE NEL 2021

## 1. L'ATTIVITÀ DI RICERCA

La *mission* del DAFNE è quella di sviluppare ricerca ed alta formazione sui temi dell'agricoltura, produzioni alimentari, ambiente e risorse naturali, rafforzando il suo radicamento territoriale ed il supporto allo sviluppo locale, promuovendo il trasferimento tecnologico e la diffusione delle innovazioni secondo un'impostazione collaborativa con i settori imprenditoriali e le amministrazioni locali, per generare opportunità di sviluppo e valorizzare le possibilità di estendere all'ambito europeo ed extra-europeo la rete delle collaborazioni scientifiche e di ricerca.

Alle strutture laboratoriali presenti nella sede del DAFNE (30 laboratori di ricerca e 7 didattici, su ca. 1500 mq) si aggiungono altri due poli di ricerca, dislocati nel raggio di pochi chilometri. Questi sono basati su una concezione che coniuga la presenza di attrezzature di laboratorio di livello avanzato con impianti pilota fra loro integrati che sono in grado di fornire servizi alle imprese attraverso attività di ricerca "tailored" e trasferimento tecnologico. Il primo, con 6 Research Facility (RF), è rivolto alla qualità e sicurezza delle produzioni alimentari ed è allocato in strutture limitrofe al DAFNE di proprietà del CREA e concesse in comodato d'uso ventennale. Il secondo (STAR*Facility Centre), finanziato dall'UE (progetto STAR*AgroEnergy), si colloca nell'area ASI di Foggia, ed è specializzato sui processi industriali di valorizzazione delle materie organiche residuali, scarti, sottoprodotti, effluenti ed altre materie prime-seconde al fine di conseguire composti ad elevato valore aggiunto ed energia da fonte rinnovabile secondo un approccio biorefinery.
Le expertise presenti nel DAFNE hanno trovato modo di esplicarsi in diversi progetti di ricerca: (ultimi 5 anni) 8 internazionali (2 Horizon 2020, 2 COST, 2 Interreg, 1 Erasmus+EAC, 1 EFSA), Nazionali (3 MIPAF, 4 PRIN, 4 PONR&I) e regionali (50). Recentissima è la partecipazione al Centro Nazionale Tecnologie dell'Agricoltura (Agritech, affiliati Spoke 6 e 7) nell'ambito del ***Piano di Ripresa e Resilienza*** (PNRR).

Il DAFNE ha ottenuto un ottimo posizionamento nell'ultima VQR 2015-2019. Nell'area CUN 07 risulta al decimo posto a livello nazionale su un totale di 67 Dipartimenti. Attualmente rientra nell'elenco dei 350 dipartimenti (275a posizione) ammessi alla procedura di selezione dei 180 Dipartimenti di eccellenza in ordine decrescente rispetto al valore dell'Indicatore standardizzato di performance dipartimentale (ISPD). Il valore di ISPD ottenuto nell'ultima VQR è pari a 95/100.

## 2. La pubblicistica scientifica del DAFNE nell'anno 2021

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