

RESEARCH PROJECT

Quadruple-helix-based knowledge valorization best practices to transition to an Open Science innovation management model

The Kaleidos project brings together research and innovation managers and advisors from across Europe for competence exchange and development, cross-learning, and skill sharing alongside network building on knowledge valorization best practices (KVBP) and associated theoretical contexts. They will share together those KVBP and enhance them by integrating actions with the quadruple-helix stakeholders of their local ecosystems. This process will develop a comprehensive set of social innovation and open science approaches and practices (the Knowledge Valorisation Best Practices Tool Kit or KVBP Tool Kit) that will be piloted and assessed within the universities and with their ecosystems using a new set of impact measurement indicators. The project approach will also allow other universities and research centers to access and incorporate the outcomes and learnings through the generation of implementation action plans, guidelines, and a peer-sharing professional network. Policy recommendations will be developed for policymakers at both national and European levels to use the project outputs. Ultimately, KALEIDOS aims to develop a methodology and associated tools and guidelines to help universities and research centers in their transition towards an open science and social innovation management approach at all stages of research.

The Kaleidos research project aims to support universities with the transition from a more traditional and fragmented research and innovation organization based on a linear process of transfer to a consolidated and coordinated support system for knowledge valorization in a context of multidisciplinary research and open science. To achieve these objectives, the project will first define the skill set and know-how required for both innovation managers and researchers to transition and deepen their ability to move to an open science innovation management approach. Second, it will develop and implement a knowledge valorization training program for all career-stage researchers that includes concepts related to innovation and beyond. Third, it will transfer knowledge valorization best practices through the development and production of guidelines and policy recommendations.

Piano delle attività

- Progetto di ricerca correlato all'incarico di ricerca:

KALEIDOS - Quadruple-helix-based knowledge valorisation best practices to transition to an Open Science innovation management model

- Progetto di ricerca correlato all'incarico di ricerca in inglese:

KALEIDOS - Quadruple-helix-based knowledge valorisation best practices to transition to an Open Science innovation management model

- Descrizione delle attività di assistenza alla ricerca che saranno affidate al titolare dell'incarico:

La risorsa si occuperà di tutti gli aspetti del progetto Kaleidos. In particolare, si concentrerà sull'organizzazione del Work Package 4 di responsabilità di Unibo. L'obiettivo del WP4 è quello di sviluppare delle policy guidelines basate sulle best practice di valorizzazione della conoscenza emerse dal progetto.

Nello specifico, l'obiettivo è quello di fare leva sui principi guida sviluppati nella prima fase del progetto e identificare un piano d'azione per favorire la transizione verso un modello di gestione dell'innovazione basato sulla Scienza Aperta (Open Science). In particolare, sarà necessario elaborare linee guida di carattere generale e rilevanti a livello europeo, attraverso una approfondita analisi della letteratura. Inoltre, sarà fondamentale interagire con decisori politici e autorità locali appartenenti agli ecosistemi del progetto, al fine di condividere esperienze e valutare o validare le raccomandazioni proposte a livello europeo. Infine, a livello universitario e di ecosistema, sarà necessario formulare, sviluppare e applicare raccomandazioni adattate al contesto specifico. Sarà inoltre importante valutare la rilevanza della dimensione territoriale nei processi di valorizzazione della conoscenza e di Scienza Aperta, esplorando il collegamento tra le migliori pratiche e gli ecosistemi regionali dell'innovazione.

- Descrizione delle attività di assistenza alla ricerca che saranno affidate al titolare dell'incarico in inglese:

The resource will cover all aspects of the Kaleidos project. In particular, the resource will focus on the organization of Work Package 4 of Unibo. WP4 aims to develop guidelines and policy recommendations based on knowledge valorization best practices emerging from the project. Specifically, the objective is to build upon the guiding principles developed during the initial phase of the project and to identify an action plan for the transition towards an Open Science innovation management model.

In particular, it will be necessary to develop general policy guidelines relevant at the European level by reviewing ongoing policy dialogues and exchanges of best practices among Member States through a comprehensive literature review. To achieve this objective, interaction with policymakers and local authorities within the project ecosystems will be crucial to share experiences and assess or validate the proposed policy recommendations at the European level.

Finally, at the university and ecosystem levels, it will be necessary to formulate, develop, and apply policy recommendations tailored to the specific context. The relevance of the territorial dimension in knowledge valorization and Open Science processes will also need to be assessed by exploring the connection between best practices, regional innovation ecosystems, and cohesion policies.

- Piano delle attività:
 - *Organizzazione di workshops per la definizione delle policy guidelines*
 - *Definizione di un report tecnico*
 - *Disseminazione risultati, partecipazione conferenze*
- Piano delle attività in inglese:
 - *Policy workshops: definition and organization of policy workshops for the identification of policy guidelines*
 - *Technical Reports: definition of policy indications to support the open science process.*
 - *Dissemination through conferences*
- Quantificazione figurativa delle attività annue, ai fini della rendicontazione dei costi sui progetti di ricerca:
 - ☒ *1720 ore annue*
 - ☐ *1500 ore annue (nel solo caso in cui sia previsto da specifiche iniziative di finanziamento, es. FIS, PNRR, ...)*