

Project Deliverable

D3.1 Evolution of the publications in high impact journals in the relevant research fields

Project Acronym	OLISSIPO
Project Title	OLISSIPO – Fostering Computational Biology Research and Innovation in Lisbon
Grant Agreement Number	951970
Call and Topic Identifier	H2020-WIDESPREAD-2020-5
Funding Scheme	Twinning
Project Duration	36 Months (1 January 2021 – 31 December 2023)
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Project Beneficiaries	INESC-ID, INRIA, ETH Zürich, EMBL

Document Information			
Work Package:	WP3	Task:	T3
Due Date:	Month 2 - 15/02/2021		
Version:	1.0	Status:	V1
Nature:	PUBLIC		
Lead Partner:	INESC-ID		
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Keywords:	Publications; KPI		
Abstract:	This deliverable confirms that the OLISSIPO Coordinator, INESC-ID, has entered all its publications from the particular field of research in the reporting tool on the Participant Portal.		



This document is a deliverable of OLISSIPO project. This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 951970.

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1. Introduction

The OLISSIPO project aims at decisively enhancing the competences in Computational Biology at INESC-ID (Instituto de Engenharia de Sistemas e Computadores, Investigação e Desenvolvimento em Lisboa), which, due to the strong link with Instituto Superior Técnico/Universidade de Lisboa (IST/ULisboa) - partial owner of INESC-ID - will easily be extended to IST/ULisboa, towards the creation of an international pole of excellence in multi-disciplinary science in Portugal.

Although the impact of Computational Biology never ceased to grow, Portugal has assisted to a stagnation in the evolution of publications in this area in the past years, when compared with the other partners. After a period of significant increase, delayed several years in comparison with the other countries, it is now crucial to leverage the potential developed in the past decade in order to maintain the competitiveness of Portugal in this key area of research. Although Portugal has assisted to a significant increase in indexed publications with high impact in the area of computer science and applications and Mathematical and Computational Biology, the fraction of highly cited papers is still below the EU average. Thus, portuguese productivity can still be significantly improved.

1.1 Deliverable objective

In order to evaluate the impact of activities in Horizon 2020, Key Performance Indicators (KPI) are required. For this reason the Commission services developed the following Widening KPI: "Evolution of the publications in high impact journals in the relevant research fields". This indicator measures the evolution (compared to a reference period of three years prior to the signature of the grant agreement) in % of the peer-reviewed publications in high impact journals (in the top 10% impact ranked journals) in the given research fields of the research organisations (on average) in low-performing countries funded under the "Twinning" measures.

2. KPI for Twinning - Evolution of the publications in high impact journals in the relevant research fields

The Coordinator, INESC-ID, has entered all its peer-reviewed publications in Computational Biology and Bioinformatics, during the three years preceding the start date of the project (2018-2020) in the Continuous reporting tool on the Funding and tenders portal.