

ELIXIR Portugal: Plataformas, Casos de Uso e Serviços

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European Life Sciences Infrastructure for Biological Information
www.elixir-europe.org

- **Organização intergovernamental, que agrega recursos na área das ciências da vida de vários estados Europeus.**
- **É objetivo do ELIXIR coordenar estes recursos de forma a que formem uma infraestrutura única.**

 EMBL (June 2013)	 UK (Sept 2013)	 Sweden (Sept 2013)	 Switzerland (Oct 2013)
 Czech Republic (Nov 2013)	 Estonia (Dec 2013)	 Norway (Jan 2014)	 Netherlands (Feb 2014)
 Denmark (Mar 2014)	 Israel (May 2014)	 Portugal (July 2014)	 Finland (Sept 2014)
 France (Oct 2015 as Provisional Member)	 Spain (Oct 2015 as Provisional Member)	 Belgium (Nov 2015)	 Italy (Jan 2016)
 Slovenia (Feb 2016)	 Luxembourg (July 2016)	 Ireland (July 2016)	 Germany (August 2016)
 Hungary (January 2017)	 Greece		

www.elixir-europe.org

Plataformas + Serviços + Casos de Uso

ELIXIR's activities are divided into five areas called 'Platforms'. These are Data, Tools, Interoperability, Compute and Training. The Platforms are managed by Platform leaders and the work is carried out by groups within the Platforms.



Data

Resources to help the integration and sustainability of life science data



Tools

A discovery portal for data and analysis tools.



Compute

Storage, compute and authentication/access services.



Interoperability

Resources to aid the discovery, integration and analysis of biological data.



Training

A discovery portal for data and analysis tools.

+ Services
+ Use Cases



ELIXIR Portugal

- Oficialmente **criado** em **Julho 2014**
- O **consórcio** é formado por **4 parceiros**:
 - iBET
 - IGC
 - INESC-ID
 - ITQB
- Início de atividade **financiado pela EU** através do projeto H2020 **EXCELERATE** (676559)



Biodata.pt e infra-estruturas digitais



- [HPC] Laboratório de Computação Avançada
- [Cloud] Infraestrutura Nacional de Computação Distribuída

Biodata.pt



Community Users and Services

ELIXIR PT
Service

ELIXIR PT
Service

ELIXIR PT
Service

ELIXIR PT
Service

PT Instance of ELIXIR Computing Services

INCD

BioData
HW

Euro
Cloud

HPC

etc



ELIXIR PT Serviços

<http://elixir-portugal.org/nodeservices>

Node Services

For the ELIXIR-PT services on bio.tools click [here](#).

Elixir Platform▲	Node Service Name	EDAM Topics	Responsible organisation
-Compute	ELIXIR PT Computing Services	Data Handling	INESC-ID
-Data	CorkOakDB	Plants , Genomics	Instituto Gulbenkian de Ciência
-Data	Plant Experimental Assay Ontology (PEAO)	Ontology and terminology , Plants	iBET
-Tools	Yeasttract	Gene regulatory networks , Transcription factors and regulatory sites , Fungi	INESC-ID , IBB
-Training	GTPB	Literature and reference	Instituto Gulbenkian de Ciência



Em curso

- AAI
- Ampliação
 - Novos Serviços (e parceiros)
 - Novos recursos
- Divulgação à comunidade

