

Research Infrastructures and COVID-19 Research



ACCELERATE is funded by the European Union Framework Programme for Research and Innovation Horizon 2020, under grant agreement 731112



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Responses to the questionnaire

LifeWatch ERIC, e-Science European Infrastructure for Biodiversity and Ecosystem Research

LifeWatch ERIC is a European Infrastructure Consortium providing e-Science research facilities to scientists seeking to increase our knowledge and deepen our understanding of Biodiversity organization and Ecosystem functions and services in order to support civil society in addressing key planetary challenges.

SERVICE/S IMPLEMENTED

The initiative planned includes a group of international scientists with long-track experience in machine learning and modeling, which will join efforts to implement: (1) a large set of scenario and model simulations to establish alternative trajectories of spread for SARS-CoV-2; (2) an extensive sensitivity analysis to understand the major sources of uncertainty associated with model projections; (3) develop an on-line decision support system platform enabling individuals and stakeholders in the public and private sectors to query about risks in specific locations and time periods; (4) support the federation, provenance and accountability mechanisms associated to distributed (e-)Resources (databases, publications, media, software, etc.) through Blockchain-based technologies.

What stage in COVID-19 intervention your RI is addressing?

epidemiology modelling; large scale data management (including Blockchain-based technologies)

Instruments/databases involved:

Data management; provision/access to big data; modelling/simulation; DSS; Blockchain (Hyperledger-based)

How is the proposal submitted?

Already submitted to Spanish Ministry of Science and Innovation.

Another initiative related to collaborations with GoFAIR also on the way

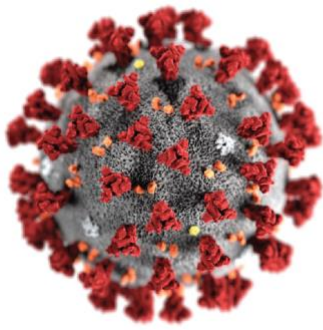
Who evaluates the proposal?

Peer review panel

Is the submission continuous, or linked to a deadline?

Linked to a deadline

What is the estimated time from the submission to the access / service provision?



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Months

CHARACTERISTICS OF THE ACCESS

Restrictions: NO

In the case of analytical facilities, modality of access allowed: Remote access only

Comment for remote access only: Data, models, DSS, opensource repositories

If on-site access is allowed, is mobility support available?	
Is the access free for non-proprietary research?	YES
Is commercial access available at reduced prices?	NO
Are there limitations regarding the type of samples?	NO
Are there special requirements for shipment of the samples?	NO
Are there specific requirements regarding the preparation or handling of the samples?	NO

Additional comments related to the questions above: No comment here

ACCESSIBILITY OF THE PUBLICATION AND DATA

Is there any requirement to publish in open access journals?	NO
Is the data generated associated to metadata and is it publicly available?	YES
If yes, what is the embargo period?	Until the publication of the results (max 2 years)
Where is the data or metadata published? (e.g. in the institution's catalogue, in other open data repositories, etc).	In the institution's catalogue and in other open data repositories
Do you have further comments about data or metadata?	Data need to become FAIR compliant. LifeWatch ERIC will collaborate with GoFAIR initiative in this regard