# LifeWatch ERIC in the times of COVID-19: adaptations and lessons learned



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Online talk to the OECD GSF Workshop | 11 May 2021









functions and services ...



# ... in **support** of our **societies** to address the **key planetary challenges**.





# LifeWatch ERIC's mission is to

be a worldwide provider of content and services for the Biodiversity research community by:





- Offering new opportunities for large-scale scientific development;
- Enabling accelerated data capture with innovative technologies;
- Supporting knowledge-based decision-making for biodiversity and ecosystem management;
- Providing training, dissemination and awareness programmes.



# How we work | Common Facilities



# How we work | National Nodes





## https://www.youtube.com/watch?v=m4ncAcgpl0&feature=youtu.be

# Cultural challenge

"This change would direct most of the scientific effort from a single-core (SCBs) operation, or **brain-etics** 







to high performance brain network synthesis (HPBNs) or **brain-omics**"

## LifeWatch ERIC in the times of COVID-19: adaptations in management and operations

## LifeWatch ERIC is an e-Infrastructure; therefore:

- 95% of the management online (e.g. administravive, financial, etc., in LwOS)
- 99% of the operations online (e.g. meetings, workshops, conferences, training, education)
- Response to emergency cases: incoming information (phone, apps, email) initial dialogue set up emergency meetings (GtM rooms) develop response actions online execution (e.g. decision making, payments, signing and sealing of papers, etc.)

# LifeWatch

# LifeWatch ERIC in the times of COVID-19: adaptations in management and operations

### LifeWatch ERIC Organisational System (LwOS): an intracommunication and management platform, based on Zoho

LifeWatch					💄 ceo@lifewatch.eu 👻
Mail	WorkDrive	Projects	Books	Analytics	People
Desk	Sign	Tesseract BETA			
EXECUTIVE BOARD COLLABORATION AREA					
Agenda					



# LifeWatch ERIC in the times of COVID-19: adaptations in management and operations

# LifeWatch ERIC LwOS: advantages

- Collaborative environment
  - Security
    - Accuracy
      - Transparency
        - Versioning
          - Continuity



# LifeWatch ERIC in the times of COVID-19: "in house" pojects and "fast-track" access for high priority research

## LifeWatch ERIC flagship Internal Joint Initiative:

 https:// www.lifewatch.eu/ web/guest/internaljoint-initiative



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#### Internal Joint Initiative

### Internal joint initiative



LifeWatch ERIC needs to boost its construction and to engage users in developing their research activities into the Virtual Research Environments of the e-Science Infrastructures, by clearly demonstrating and documenting the added value these new technologies bring to address challenging hot topics.

LifeWatch ERIC has started an Internal Joint Initiative with the exact aim of addressing these needs and reinforcing the positioning of LifeWatch ERIC within the biodiversity and ecosystem scientific community. As a subject for the demonstration case, LifeWatch ERIC has selected non-indigenous and invasive species (NIS).

If you are interested in the IJI and want to join us on the validation cases, just drop us an e-mail service.centre[at]lifewatch.eu.

### **Rationale & objectives**

#### Rationale

The warnings of 15,000 scientists, of the United Nations Paris Climate Change Conference (COP21) and now of the UN Global Assessment Study clearly demonstrate that humanity is bringing our life support system, the biosphere, to the point of collapse. The effort to counteract this current loss of biodiversity requires concrete actions at all levels. For science, it means improving our current level of knowledge, to move beyond the present fragmentation of science, and to foster greater complementarity and synergy between disciplines, by developing new inter-disciplinary paradigms and starting to build synthetic knowledge, so as to boost innovation and involve more young scientists and civil society.

LifeWatch ERIC is Europe's first line of response to this emergency, applying and advancing ICT technologies, web networks, interconnecting scientific communities and research centres internationally into its webbased research infrastructure. Internal Joint Initiative

Rationale & Objectives Framework & Knowledge Map Validation Cases News & events e-Science for NIS Research Workshop NIS IJI Workflows Technical Meeting Dahlem Type Workshops Collaborative Space

Sign In



## LifeWatch ERIC in the times of COVID-19: adopt operation in a context of restricted physical access to RIs





### LifeWatch ERIC in the times of COVID-19: adopt operation in a context of restricted physical access to RIs





# LifeWatch ERIC in the times of COVID-19: accelrate the diffusion of research results and

*LifeWatch ERIC flagship Internal Joint Initiative:* 

data?

 https:// www.lifewatch.eu/allnews/-/asset\_publisher/ BU9HdfPGXPaK/content/ lifewatch-eric-e-sciencefor-nis-researchworkshop/10181



### e-Science for NIS Research Workshop

On 20 and 21 May 2021, LifeWatch ERIC will be hosting the online workshop "e-Science for NIS Research" with the support of the ENVRI-FAIR Project. The workshop will showcase the results of four validation cases into Non-indigenous and Invasive Species (NIS) conducted over the last eighteen months within the LifeWatch ERIC Internal Joint Initiative. Registration is compulsory and free of charge (LINK).



## LifeWatch ERIC in the times of COVID-19: policy actions required to enable RIs to mobilise effectively

- Co-design and co-development by the RIs: **EOSC Future** project, towards development of a EU platform for cross-domain research
- Access to resources by multiple research communities (e.g. ENVRI FAIR, EOSC Life, etc.)
- Buidling on the commonalities of the RIs: **ERIC Forum**
- Effective funding models to promote the sustainability of their operation: **ERIC Forum**
- Environment to promote RI collaboration: EU Green Deal, Missions



# Thank you for your attention and questions

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