

A close-up, high-resolution photograph of a bird's head, likely a falcon or hawk, showing its sharp, dark beak, yellow eye, and fine feathers. The image is slightly blurred in the background, creating a sense of depth.

activity
report

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A transformative year marked by technological progress, strategic partnerships, and a shared vision for tackling global biodiversity challenges.

Christos Arvanitidis
LifeWatch ERIC CEO

LifeWatch ERIC is a European Research Infrastructure Consortium providing e-Science research facilities to scientists investigating biodiversity and ecosystem functions and services in order to support society in addressing key planetary challenges.



Vision

To become the Research Infrastructure that offers one-click access to the world's biodiversity content, services, and scientific communities.



Mission

To accelerate scientific discovery by providing a state-of-the-art European Research Infrastructure for biodiversity and ecosystems.



Core Business

The core business of LifeWatch ERIC is the construction of virtual "workbenches" with e-services that allow its user communities to analyse patterns and trends in biodiversity in space and time, its (natural or man-made) drivers and the impacts on ecosystems.



Value proposition

LifeWatch ERIC provides researchers, policymakers, and stakeholders with access to biodiversity and ecosystem data, services and other research products by using and contributing to its advanced infrastructure to derive evidence-based knowledge for scientific and policy purposes.

Scientific Excellence

LifeWatch ERIC is the only European Research Infrastructure focused exclusively on biodiversity and ecosystems, offering:

- Integration of FAIR-compliant data, analytical workflows, simulation tools, and other research products,
- Services for multidisciplinary and cross-domain research, from molecular biology to ecosystem services,
- Construction of advanced Virtual Research Environments for hypothesis testing and predictive modelling

To align its services with evolving scientific and policy needs, LifeWatch ERIC launched six Thematic Services Working Groups **focused on priority areas of biodiversity and ecosystem research**.



Biodiversity and Ecosystem Responses to Climate Change



Taxonomy



Animal movement, Behaviour and Biologging



Biodiversity Observatory Automation



Biogeography



Habitat Mapping

Our year at a glance



2,410
registered users



4,658
workflows executed



1,614
datasets



98.46%
FAIR compliant datasets



197
web services



535
scientific publications



132
participations to policy related events



164,382
people reached on social media in 2024

LifeWatch ERIC in the European Research Area



52%
in 2024, 52% of the total budget of LifeWatch ERIC came from projects



32
active EU projects



920
trained persons at events



2,833
persons engaged in LifeWatch ERIC events



47
employees



44%
female personnel



396
researchers involved in National Distributed Centres



88
organisations from all member states

Common Facilities & National Distributed Centres



Belgium | Bulgaria | Greece | Italy | Portugal | Slovenia | Spain | Netherlands

The Eurasian Sparrowhawk (*Accipiter nisus*). Picture taken in the hand during the autumn bird ringing at the permanent bird ringing station near Vrhnika, central Slovenia.
Photo by Tomi Trilar, Slovenian Museum of Natural History (LifeWatch Slovenia).



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LifeWatch ERIC



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Full report
available here

