



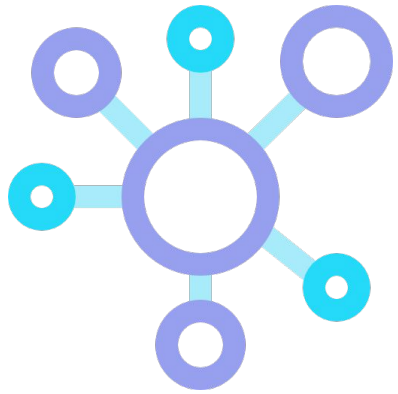
A web of communications: Internal communications within the ELIXIR Hub and Nodes

Yun-Yun (Zippy) Tseng | Communications Officer, ELIXIR

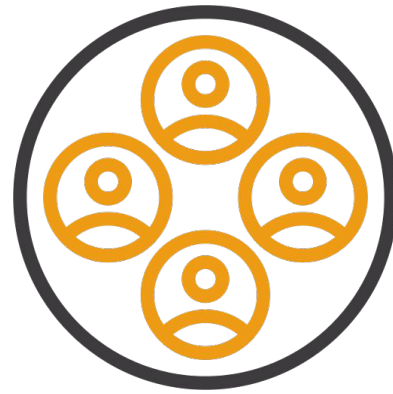
www.elixir-europe.org



What types of research infrastructure are you from?



Distributed



Single-sited



Virtual

ELIXIR Europe

ELIXIR is an intergovernmental organisation that brings together life science resources from 24 countries:

- Databases
- Software tools
- Training resources
- Interoperability resources
- Compute resources
- Data management support

We build and sustain life science informatics **capacity and infrastructure** in Europe, connect and develop a **network of experts** and provide hundreds of high-quality **services and resources** available to all.



ELIXIR expert groups

ELIXIR brings groups of people together as **Communities, Focus Groups and Platforms**. There are **over 30 individual groups** which interact in a range of different ways.

3D-BioInfo	Metabolomics	Systems Biology	Biocuration	Health Data	Data Platform
Food and Nutrition	Microbial Biotechnology	Toxicology	Biodiversity	Impact	Tools Platform
Galaxy	Plant Sciences	Federated Human Data	Cancer Data	Innovation and Industry	Interoperability Platform
Intrinsically Disordered Proteins	Proteomics	Human Copy Number Variation	EOSC	Machine Learning (AI)	Compute Platform
Marine Metagenomics	Single-Cell Omics	Rare Diseases	FAIR Training	Research Data Alliance (RDA) Activities	Training Platform



ELIXIR – Hub and Nodes

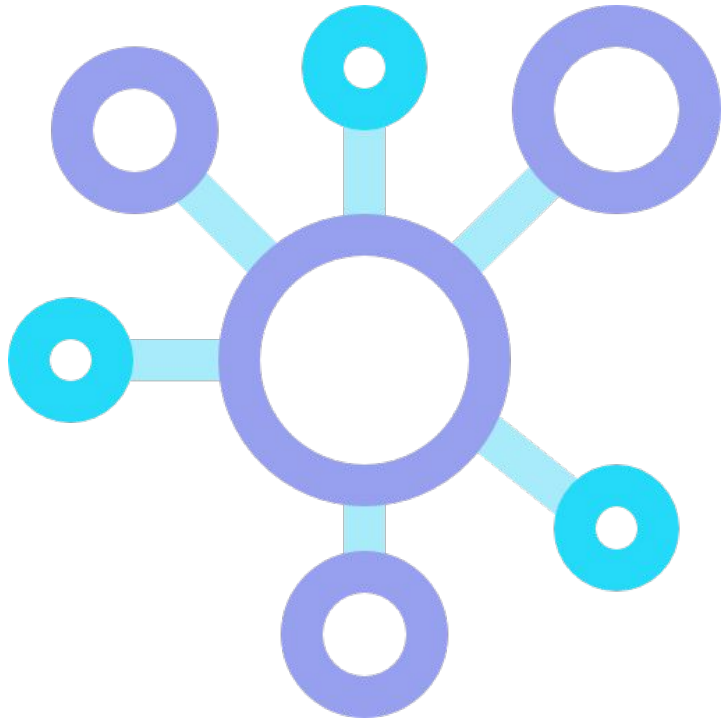
25 Nodes and Observers

ELIXIR Nodes form national networks of excellence, containing a total of **250** institutes/universities

1 Hub

The Hub, located at EMBL-EBI, Cambridge, UK, provides the secretariat and coordinating activities for ELIXIR





Internal communication or external communication?

Distributed research infrastructure

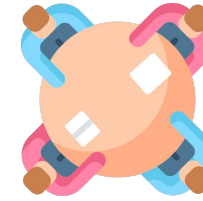
ELIXIR Hub's communication role - external communication



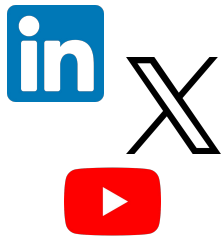
Communicate ELIXIR's
impact to key stakeholders



Communicate ELIXIR-led
EU project's outputs



Events communications



Social media



Newsletters



Website

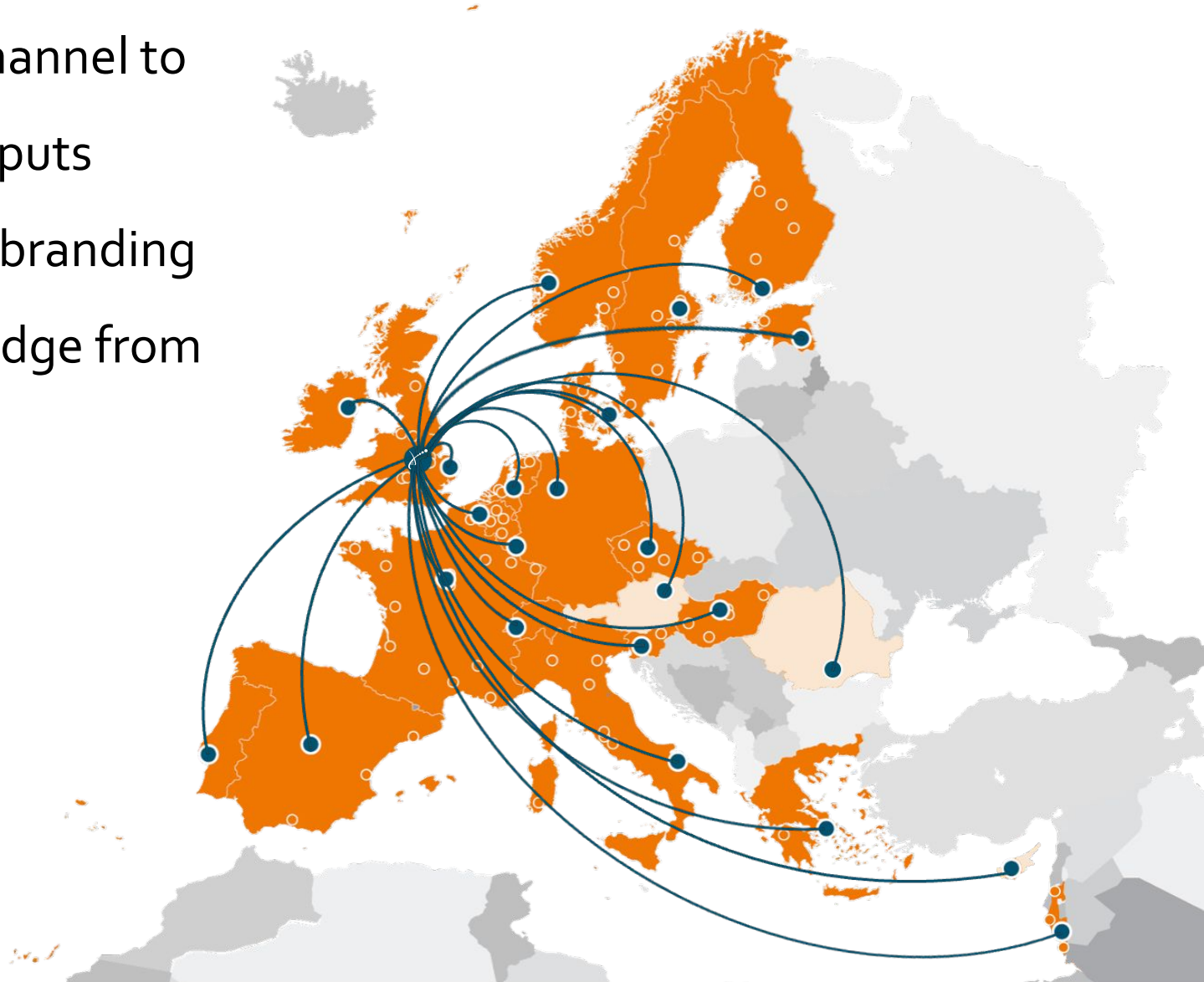


Annual report



Internal communications between Hub and Node

- Use of ELIXIR communications channel to promote the Nodes' research outputs
- Ensure the consistency of ELIXIR branding
- Exchange experience and knowledge from other Nodes



Internal communications between Hub and Node



Slack



Weekly newsletters



Quarterly online meeting



Annual in-person meeting





Slack

- Send day to day updates, such as Node event promotions
- Created a #communications channel for all communications officer from the Nodes to share news



Tips

- Create dedicated channel for different groups
- Set common rules to avoid message bombing

ELIXIR Search ELIXIR

general Work-based matters 1,339

Messages Add canvas Files +

Friday, November 1st

joined #general. Also, and 2 others joined.

Yesterday

4:41 PM

Dear ELIXIR colleagues, from the Swiss node team we have recently released a paper on the need for Trusted Research Environments. This is based on our experience in building BioMedIT, our national TRE network, since 2018. It is intended to be a general explanation of TREs and an encouragement to use them, supporting discussion with funders and policy makers.

We encourage you to take a look and share it with your network,
<https://zenodo.org/records/14012894>

Zenodo
Versatile Trusted Research Environments: An approach for Switzerland
Widespread adoption of versatile Trusted Research Environments (TREs) is essential for conducting research analysis involving sensitive personal data, which plays a pivotal role in advancing research across healthcare, social sciences, and humanities in order to meet societal challenges. Despite the immense potential of sensitive data analysis, there are substantial risks linked to its use as well as increasing regulatory requirements and scrutiny. Unauthorised access, disclosure, or misuse of this data can have severe consequences for individuals, potentially leading to harm, discrimination, or erosion of trust in the research ecosystem. It may also lead to significant legal consequences fo...

Show more

4 1

We also plan a more technical paper to follow, detailing our architecture and operational experiences, to support others in deploying similar systems.

5

B I [link] [list] [table] [code] [image]

Message #general

+ Aa [emojis] @ [video] [voice] [link]

Home DMs Activity Later More

Channels

- # allhands_announcements
- # allhands_general
- # allhands_help_advice
- # allhands_hub_only
- # channel_requests
- # converge_dissemination
- # converge_general
- # elixir_announcements
- # events
- # general
- # group_communications
- # group_industry
- # help_slack
- # random
- # steers_general

Browse all channels

Direct messages





Weekly newsletters

- Collect contents from the Node via mailing lists
- Send weekly updates to over 820 Node members from 25 Nodes and Observers institutes



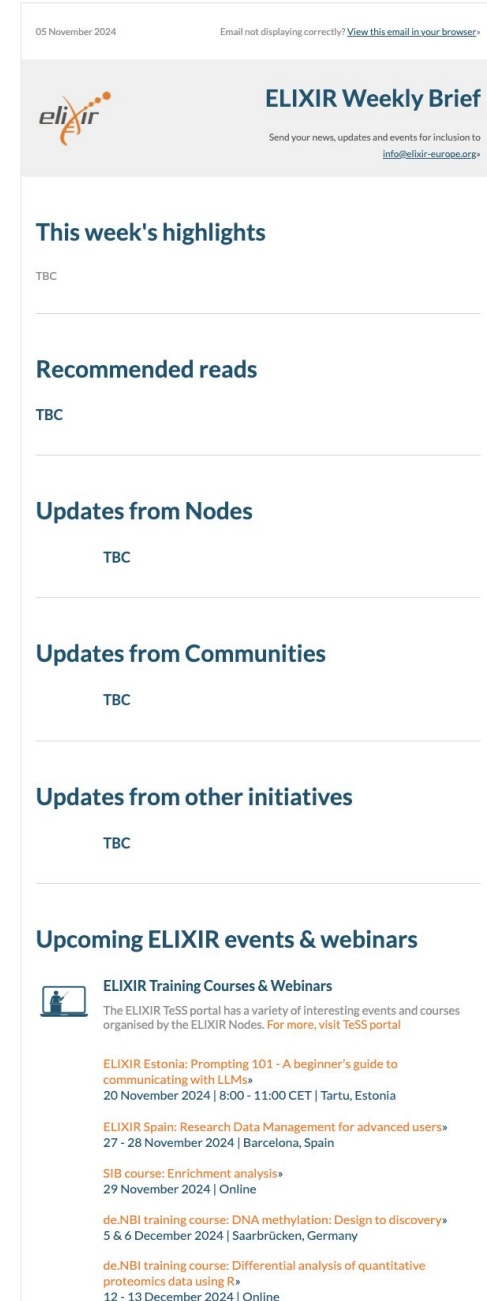
Challenges

- What's the selection criteria of the news?
- What if no one send the news updates?



Tips

- Find the right tools (Mailchimp and Mailerlite)
- Create a newsletter template
- Include short and concise newsletter subject
- Edit the news content to two to three sentences summary and include webpage link for more information





ELIXIR Weekly Brief

Send your news, updates and events for inclusion to info@elixir-europe.org»

This week's highlights

Provide your feedback to ELIXIR's Biodiversity, Food Security and Pathogens (BFSP) strategy Deadline: 11 November 2024

ELIXIR Hub is sharing the **current draft** of the BFSP strategy for ELIXIR wide comments. The current version of the strategy was put together by BFSP co-leads, thanks to ELIXIR members' input via meetings, workshops and offline activities. To improve the strategy, please add any relevant comments as you see fit and the BFSP co-leads will consider your comments going forward.

The next steps include a presentation to the Scientific Advisory Board early next year.

Should you have any questions, please don't hesitate to get in touch with [Physilia Chua](#) and [Katharina Heil](#). Thank you!

[Draft ELIXIR's Biodiversity, Food Security and Pathogens strategy](#)»

Recommended reads

AIUPred: combining energy estimation with deep learning for the enhanced prediction of protein disorder An ELIXIR-funded paper

Intrinsically disordered proteins and protein regions carry out important biological functions without relying on a single well-defined conformation. As these proteins are a challenge to study experimentally, computational methods play important roles in their characterization. One of the commonly used tools is the IUPred web server which provides prediction of disordered regions and their binding sites. This paper presents AIUPred, a novel version of IUPred which incorporates deep learning techniques into the energy estimation framework.

[Read more](#)»

Comparative Markov state analysis for studying effects of drug candidates on disordered biomolecules An ELIXIR Czech Republic paper

Computational study of the effect of drug candidates on intrinsically disordered biomolecules is challenging due to their vast and complex conformational space. The authors developed a comparative Markov state analysis framework to quantify changes in the conformational distribution and dynamics of a disordered biomolecule in the presence and absence of small organic drug candidate molecules. The CoVAMPnet method is broadly applicable to study the effects of drug candidates on the conformational behavior of intrinsically disordered biomolecules.

[Read more](#)»

Updates from Nodes



VIB – Research Software Engineers day 5 - 6 December 2024 | Brussels, Belgium Registration deadline: 22 November 2024

Research Software Engineers day consists of a symposium and two hands-on workshops prior to the meeting. It is an opportunity to gather with other research software engineers to share experiences.

[More information and registration](#)»



Agreement signed between the Italian Nodes of the Research Infrastructures BBMRI and ELIXIR to promote synergies for biomedical research in Italy

A strategic collaboration agreement has been signed between BBMRI.it, the Italian Node of the Biobanking and Biomolecular Resources Research Infrastructure, and ELIXIR Italy. The Parties commit to advance the integrated analysis of biological "big data", collected and characterised in biobanks, and to promote the sharing of specialised knowledge and expertise in leveraging bioinformatics and biobank resources as an indispensable tool for innovation in the field of precision medicine.

[Read the news](#)»





Quarterly online meeting

- Meet up every four months for experience sharing



Topics discussed

- Social media use in research infrastructure
- Corporate video production
- Node website development
- Report and scientific programme editorial



Tips

- Create dedicated mailing list (or Slack channel) with members
- Encourage members from less active Node to share experience
- Make sure the presentations are concise and leave time for discussions

Annual in-person meeting

- Catch up with Node communications officers in person



- Event workshops, poster presentations and networking
- A work workshop on “Demystifying ELIXIR” to discuss what is ELIXIR and how to best explain ELIXIR to new audience



Tips

- Find out who is going to the meeting
- Organise a session as an extension of key topics from the quarterly meeting
- Invite input from non-communications officers

Recommendation

- Things to consider
 - What type of research infrastructure are you from?
 - Size of the organisation?
 - Any existing tools?
- Things that works for ELIXIR
 - Slack channel
 - Weekly newsletters

Future collaboration

- We would like to hear from other research infrastructures in our quarterly comms meeting!





 @ELIXIREurope

 /company/elixir-europe

Thank you

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