

Using OpenIFS

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How do I go about becoming a user of OpenIFS?



- **Apply for an OpenIFS licence**

- OpenIFS is **licensed software**: use is permitted for research and education (i.e. no operational or commercial usage)
- Licence is **institutional**, free of charge, and perpetual
- Provides access to **support** and to the **Data Hub**

- **How do I start?**

- **Download** model sources and **build the model** on your local system
- Use **examples / case studies** to carry out forecast experiments (e.g. repeat exercises from the Notebooks)
- Join the **OpenIFS mailing list** and follow the **OpenIFS User Forum**:
 - <https://confluence.ecmwf.int/display/OIFS/OpenIFS+Support>

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- **Where can I get help?**

- Check out the **OpenIFS home page**: <https://confluence.ecmwf.int/display/OIFS/OpenIFS+Home>
- Find the **User Guide**, Documentation, How-to pages, Known issues pages, etc
- Are there **other OpenIFS users** at your institute or institutes you collaborate with?
<https://confluence.ecmwf.int/display/OIFS/OpenIFS+licensed+institutions>
- Join the **Forum** to ask questions
- Email openifs-support@ecmwf.int for assistance if you cannot find the answer

The OpenIFS Data Hub



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OpenIFS Data Hub – Overview

- Since May 2023 the **first version** of the OpenIFS Data Hub in Bologna **is accessible** here:
<https://openifs.ecmwf.int/data-hub/>
- It is a **web-based facility** to generate initial experiment data for **OpenIFS or the IFS model**
- Model users can generate their data for forecast experiments **automatically and download** with a web browser, use utilities like “wget” or similar
- The data is produced **in the same way** how OpenIFS staff generate experiment data, i.e. the **data packages are consistent** with previously produced experiment data
- More details available on the OpenIFS web space here:
<https://confluence.ecmwf.int/display/OIFS/OpenIFS+Data+Hub>