RHInnO

Research for Health and Innovation Organiser

Ethics

INTUITIVE TOOLS FOR RESEARCH ETHICS REVIEW

improve quality, accelerate review, increase transparency

ACCESSIBLE ANYWHERE

cloud-based, fit for low bandwidth & for computer, tablet, mobile phone

BUILD YOUR OWN INDICATORS

readily available graphics for real-time monitoring and evaluation

www.RHInnO.net

COHRED
Council on Health Research for Development

COHRED Africa

Manage Research Ethics Review for Quality, Efficiency, Impact

RHinno Ethics – offers cloud-based management of the research ethics review process. Its basis is facilitating the management from protocol submission to review to approval to follow-up. Researchers will find it easy to upload their files, receive immediate feedback that submission is complete, and can follow progress of the review. Reviewers can access their file and respond from wherever they may be, even when on travel. Administrators can distribute, respond, re-send, and manage an overview of all proposals in review. They can also invite external reviewers in case their committee lacks specific expertise. All users will wonder how they worked without *RHinno Ethics* once they have used it!

Benefits of RHinno Ethics

- *RHinno Ethics* automates the research ethics review process, thereby improving overall efficiency and accountability
- *RHinno Ethics* avoids the loss of submitted materials and delays in communication within and between research ethics committees, administrators and researchers
- *RHinno Ethics* improves cost effectiveness through the strengthening of capacity, processes and logistics

What functionalities does *RHInnO Ethics* provide?

RHinno Ethics offers the following:

- Login/password protection
- SSL encryption – secure authentication
- Designed for Low-bandwidth
- Your data are always backed up – and you control access
- Facilitates communication between the three main users (Administrators, Reviewers and Researchers)
- Export of data from the online submission and review process to excel and/or PDF format for printing and saving backups
- Blackboard announcements
- Dashboards for monitoring and evaluation

What can *RHInnO Ethics* do for you?

For **Researchers**, *RHInnO Ethics* enables:

- Electronic submission of new projects for review including support documentation
- Applications related to ongoing studies e.g. protocol amendments
- A submission certificate for submitted protocols
- Secured transmission of proposals (encrypted connection)
- Monitoring of the review status of submitted protocols
- Access to REC blackboard announcements
- Access to templates and resources

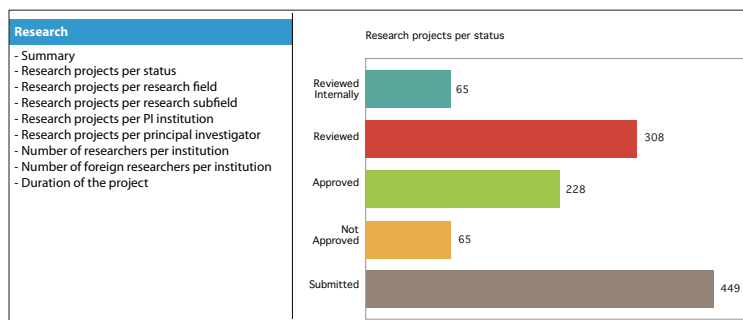## For **Ethics Reviewers**, *RHInnO Ethics* can:

- Manage the review process electronically
- Distribute protocols electronically
- Provide online review forms to reviewers
- Facilitate monitoring of protocols
- Provide access to REC rules of procedure and supporting documents as well as blackboard announcements

For **Administrators**, *RHInnO Ethics* can:

- Add new ethics review announcements for each review cycle
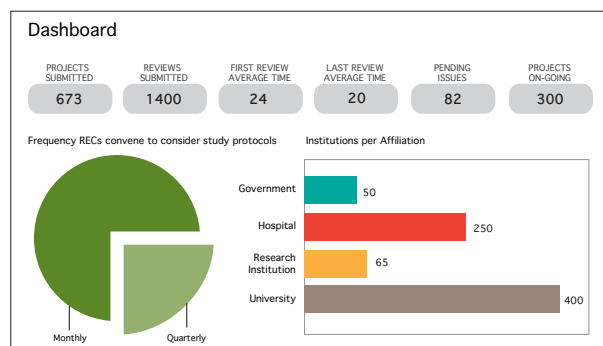- Manage committee and committee membership
- Manage research ethics proposals
    - Receive proposals submitted
    - Conduct internal review
    - Distribute proposals for review
    - Grant ethical approval
    - Generate final and progress report
    - Generate indicators and chart analysis (Review status, Research type)
- Post and manage blackboard announcements
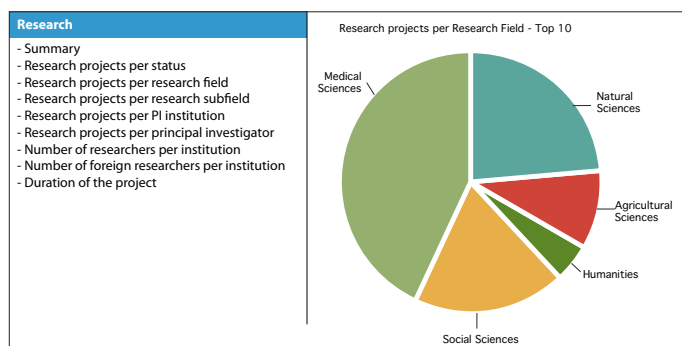
Conducting, Monitoring and Evaluation

RHInnO Ethics can track the status of proposals

Research
- Summary
- Research projects per status
- Research projects per research field
- Research projects per research subfield
- Research projects per PI institution
- Research projects per principal investigator
- Number of researchers per institution
- Number of foreign researchers per institution
- Duration of the project

Research projects per status

Status	Value
Reviewed Internally	65
Reviewed	308
Approved	228
Not Approved	65
Submitted	449

RHInnO Ethics can create a dashboard

Dashboard

PROJECTS SUBMITTED	REVIEWS SUBMITTED	FIRST REVIEW AVERAGE TIME	LAST REVIEW AVERAGE TIME	PENDING ISSUES	PROJECTS ON-GOING
673	1400	24	20	82	300

Frequency RECs convene to consider study protocols

Monthly / Quarterly

Institutions per Affiliation

Affiliation	Value
Government	50
Hospital	250
Research Institution	65
University	400

RHInnO Ethics can generate graphs and pie-charts for monitoring and evaluation

Research
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Research projects per Research Field - Top 10

- Medical Sciences
- Natural Sciences
- Agricultural Sciences
- Humanities
- Social Sciences

Linking institutional ethics committees together as part of national ethics governance

RHinno Ethics has the capacity to link institutional RECs as part of a nationwide governance system and can generate indicators to monitor ethics review output and processes at national level and/ or regional level. Information can be converted into graphs and charts and can be linked with national research priorities as part of monitoring and evaluation and to generate trend data. REC administrators can also engage with an on-line community of people interested in building a high- quality information management system through access to the Health Research Web (HRWeb)- a public web-based information and management platform. HRWeb assists in building new research and development partnerships and can provide support to capacity building and joint learning in research ethics through the various institutions and partners active in the platform.

Information about HRWeb can be found at
www.healthresearchweb.org

RHInnO Ethics

INSTITUTION
Institutional management of the research ethics review process

COUNTRY
Links institutional RECs at national level as part of research ethics governance

REGION
Cross country comparison of ethics review output and processes

Global
HRWeb - Online community of people interested in building high quality research for health management information system

Where are we going: *RHinno Ethics* – 2.0

RHinno Ethics has now been installed in many national and institutional research ethics committees (or 'institutional review boards' – in the USA). **RHinno Ethics 1.0** is an ideal, cloud-based software service for effective and efficient management of all research ethics committee administration.

But now we are going further to make it even better. **RHinno Ethics 2.0** will have two new functionalities that will improve quality, speed up multi-centre reviews, and add to the ongoing learning of research ethics committee members, reviewers and researchers.

EthiCALL – adds two functions to **RHinno Ethics:**
  i)   set up a closed discussion group with other research ethics committees reviewing the same protocol – to discuss complex questions and reduce need for repetitive reviews when one or the other committee changes the protocol.
  ii) Ask a question – about a problem you have – to a worldwide community of ethicists and research ethics committee members

EthiXPERT – remain up-to-date. As soon as a new version of key ethics review guidelines becomes available, you will know it the same day. And, a bit later, a review of the key implications of any changes to review will be available as well.
The programming is done – to activate this function – we have to rely on the collaboration of ethicists around the world. This system is being set up and will grow over time.

If you subscribe to **RHinno Ethics**, your annual subscription will cover these improvements as they are activated.

To arrange a demonstration of how RHinno Ethics can simplify your research management or ethics review process, or to find out about other Web4Development products and services, contact:

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