RHInnO and HRWeb

Customized management and global sharing of research for health information

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Tanzania Study Visit

Dar es Salaam, 5-8 November 2012

RHInnO and HRWeb

RHInn⊙

Research for Health and Innovation Organiser

HRWeb

Health Research Web

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Common problems with management information systems

- Reliance on paper-based, manual systems

- Unlinked systems and databases

- Unreliable local servers

- Duplication and fragmentation of information

- Out-of-date information

- Lack of research governance

Leading to . . .

- Frustrated system users

- Time delays

- Mislaid or lost information

- Miscommunication

- Avoidable errors

COHRED web-based products

- Technical and technologically innovative – cloud computing

- Software-as-a-service (SaaS) model – software and data are hosted centrally in the "cloud" and are accessed through a web browser

- First SaaS products aimed at research and innovation in the life sciences, public health and development

- Premise: Essential research for health information should be readily available, secure, link people together with information and technology, and be easy-to-use

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HRWeb

- Public web-based information and management platform

- Online community of people interested in building a global platform in a spirit of sharing information, in pursuit of « health for all »

- Provides rapid access to research information on governance, policies, research projects, publications, ethics reviews and more

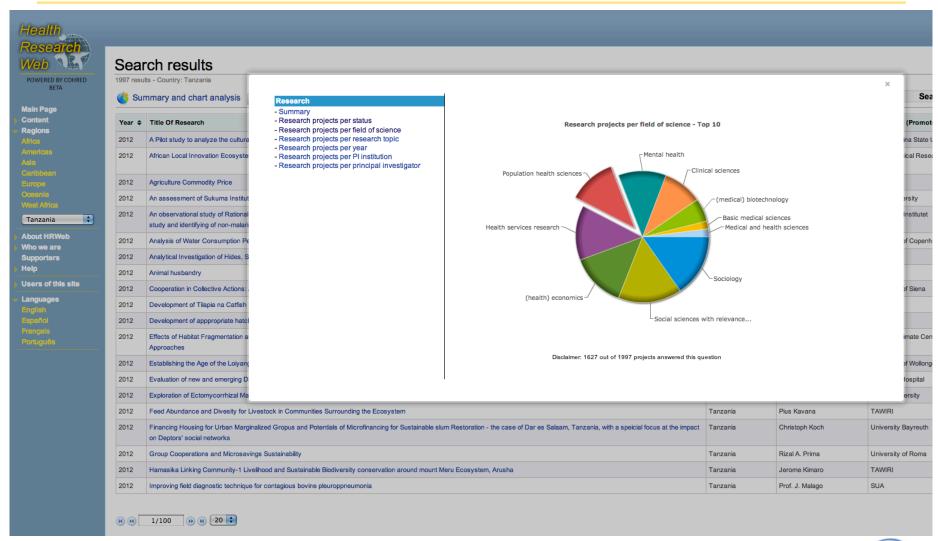- Institutions and governments can share projects with donors, researchers and the public

HRWeb facilitates:

- Dissemination and review of research results

- Transparency of research for health

- Use of evidence to inform policy and practice

- Building new partnerships

- Sharing of best practices

- Learning and collaboration within and across regions

- Cross-country comparisons

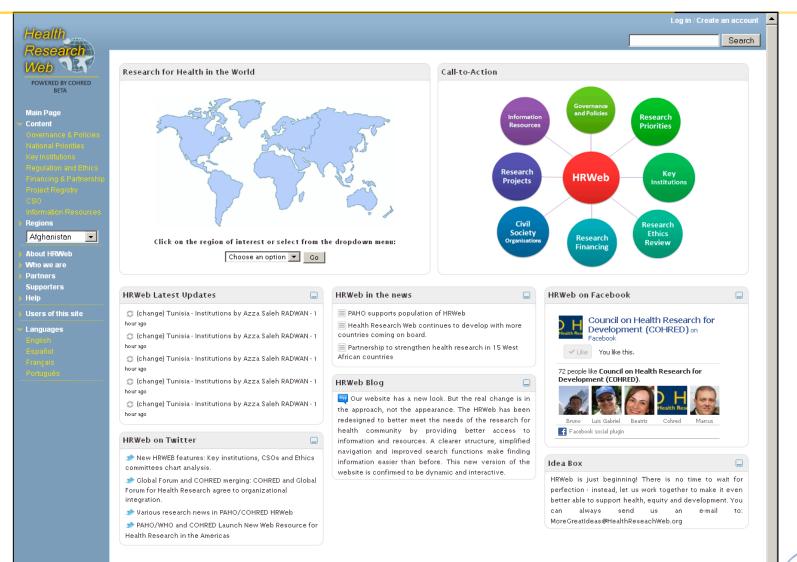- Support to capacity building and joint learning

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Downloadable graphs and charts

Downloadable graphs and charts

HRWeb front page

HRWeb components

RHInnO modules

- RHInnO Calls – Call for proposals platform

- RHInnO Research – Research project registry

- RHInnO Ethics – Research ethics review platform

RHInnO Calls

- Web-based solution for institutions and networks that have a mandate to review and provide funding to research projects reviewed within the platform

- On-line management and communication between:

  - Researchers submitting research proposals for review

  - Institution/network administrators responsible for maintaining oversight and making decisions about the status of proposals

  - Reviewers enlisted by a funding institution or network to evaluate research proposal quality and make a recommendation for funding or not
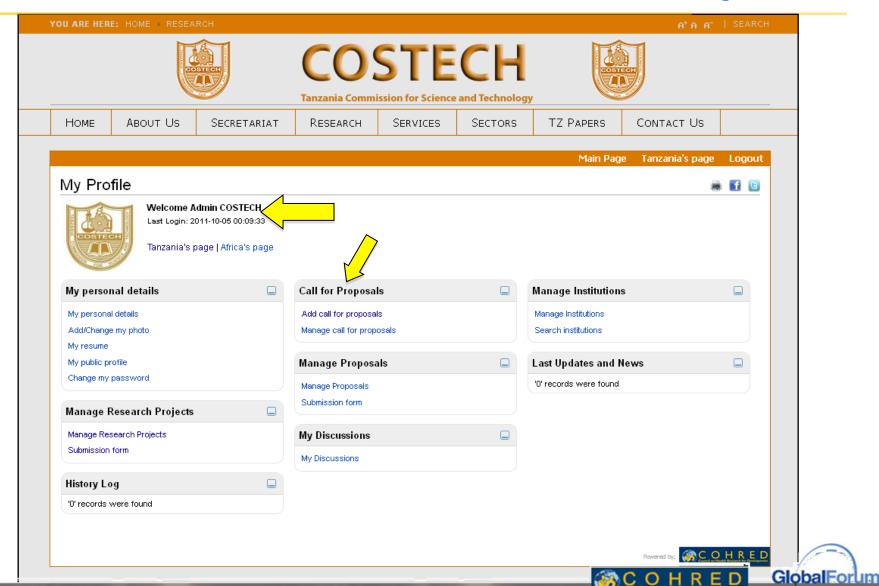
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RHInnO Calls – COSTECH example

RHInnO Calls – COSTECH example

RHInnO Research

- Information provided on research for health projects planned, in progress or fully implemented

- Provides key project information including:

  - Research title

  - Abstract

  - Principal and co-investigators

  - Study location (region/district)

  - Length of study

  - Institution supporting study

  - Budget information

RHInnO Research (continued)

- Can link to:

  - National research priorities

  - Research outcomes and outputs

- At click of a button, information can be converted into graphs and charts for easy reporting
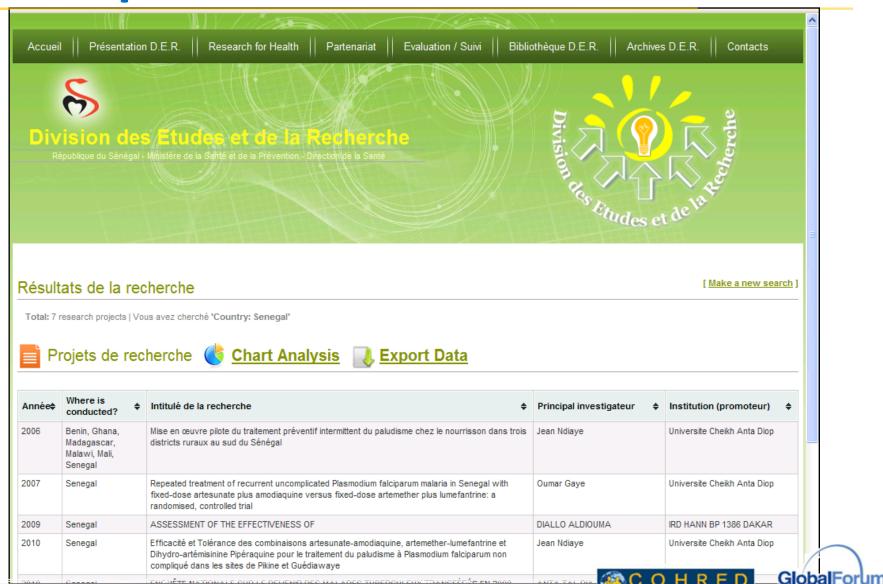
RHInnO Research – Senegal MOH example

RHInnO Research – Senegal MOH example

RHInnO Research – Senegal MOH example

RHInnO Ethics

- Web-based management of the research ethics review process

- Assesses progress on research ethics tasks

- Facilitates communication between:

  - Researchers submitting proposals for ethics review

  - Institution/network administrators overseeing the review process

  - Reviewers enlisted to provide professional input on the acceptance, revision, or non-acceptance of submitted research applications
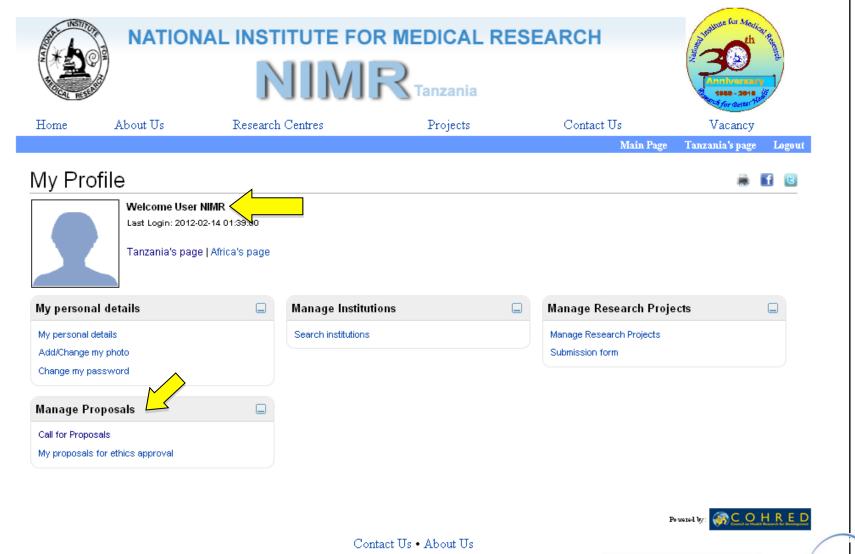
RHInnO Ethics (continued)

- Platform for both national and institution levels

- Automates the review process, improving efficiency and accountability

- Avoids loss of submitted materials and delays in communication within and between Research Ethics Committees (RECs), administrators and researchers

- Improves cost effectiveness through strengthened capacity, processes and logistics

RHInnO Ethics – NIMR example

RHInnO Ethics – NIMR example

RHInnO + HRWeb

- RHInnO
  - Customization of research and innovation governance information occurs within RHInnO
  - Information deemed public by the user is mirrored in HRWeb
  - The process can occur simultaneously without additional or work or duplication

- HRWeb
  - Free of charge to registered users
  - Functions as a global information management platform

RHInnO + HRWeb advantage

- Through RHInnO – Institutions are able to customize their research information management needs according to the context in which they operate

- Through HRWeb – Institutions can share information with partners the way they want

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RHInnO + HRWeb interface

RHInnO + HRWeb offer a web-based solution

- HRWeb and RHInnO are more than automated IT software tools

- The simultaneous and interlinked platforms have been designed by professionals who understand the research governance context

- These platforms offer a web-based solution for:
  - Providing the means to collect, store and process research for health information
  - Improving information flow and access
  - Strengthening management capacity

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Questions?

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