

NOUNA HDSS BURKINA FASO

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Centre de Recherche en Santé de Nouna, Burkina Faso
<http://www.crsn-nouna.bf>



District de Nouna
Aire: 7 464,44 km²
Pop. : 312 080 hbts
1 Hôpital de District
4 Centres de santé et de
promotion sociale



Main objective

- **Training Activities (practice & policies)**
to consolidate best practices



Background

Taking lessons from its strategic plan ended in 2014, Nouna has focused on its strategic plan 2015-2019 to:

- Reinforce training activities,
- Built a clear career development for researchers,
- At long term include enough researchers in a master and PhD programs,
- Support HDSS data collection (innovative tools)



Nouna'specific activities

Training activities are guided by its strategic plan which put emphasis on two aspects:

- Individual capacity building
- Institutional capacity building



Individual capacity building

- **Include:**
 - Short-term trainings: short courses, on-job training,
 - Long-term trainings: Master degree, PhD
- In the strategic plan 2015-2019, it is planned to enrol:
 - 1 researcher in a master program per year
 - 1 researcher in a PhD program each two year
 - Offer key trainings to support research activities (clinical research, public health...)



Individual capacity building

- Policy in place for long-term training (Master degree) include allocation of subsidies(50% registration fees paid by CRSN)
- Memorandum of understanding with researcher enrolled in long term program (assignment for 3 years minimum) before move to another place
- Retention strategy (incentive based on project)



Individual capacity building

Trainings offered include:

- Scientific paper writing
- Proposal writing
- Good clinical practice
- Good laboratory practice
- Ethic of health research
- Communicating research result
- Monitoring and evaluation of Malaria Program
- Climate change and impacts on Health



Innovation for upcoming year

Structured training program under adoption:

1. Basic on biostatistics
2. Using stata for data analysis
3. GIS
4. Qualitative survey methods
5. Ethics and research
6. Basic software (excell, word, powerpoint)



Partners involved

- University of Heidelberg
- ICF/Macro/Measure Evalaution
- University of Ouagadougou
- INDEPTH Network
- National Malaria Program
- National research centres
- Nanoro Research Centre
- Centre Muraz
- LNSP
- CNRFP



Institutional capacity strengthening

- Upgrade existing facilities (laboratory equipment)
- Build a clinical trials ward with high standard within Nouna Hospital
- Improve infrastructures for research



Institutional capacity strengthening

- Reinforce human resource for research with missing expertise (Health Economist, Entomologist)
- Implement quality policy
- Accreditation of laboratory



Achievements

- Training in scientific paper writing,
- Short course in Monitoring and evaluation of Malaria Program,
- Short course on climate change and impact,
- Intensive training in epidemiology and biostatistics (University of Heidelberg),
- 6 researchers registered within PhD programs,
- 3 registered in Master programs.



Challenges

- How to ensure scholarship for Master and PhD programs enrollees
- Issue of data analysis capacity (HDSS data)
- Electronic data collection (need support) to adopt Open HDS) and train data managers
- Discuss issues to adopt Open HDS, iShare/data repository and IndepthStats



Challenges

- How can INDEPTH help to strengthen accountant capacity for efficient grants management
- Upgrade lab facilities and technicians skills
- Accreditation
- Quality assurance



Perspectives

- Willingness of Nouna Director to participate in that process
- Nouna decided to move on Open HDS (CDA not yet working after 2 years pretesting)
- Need also to opt in for Ishare/Data repository
- Adopt IndepthStats
- Expertise of Indepth Network is needed to speed up the process





Communauté: *Habitat traditionnel en milieu rural*

Thanks



Formations sanitaires et soins de santé