INDEPTH Strategic Group on Capacity Strengthening and Training Workshop
Accra/Ghana
17-19 August 2015
NOUNA HDSS LOCATION

Burkina Faso
Size: 274 000 km²
Pop.: 16 000 000 hbts
13 Regions Sanitaires
63 Districts Sanitaires

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

SSDS de Nouna
Size: 1 756,224 km²
Pop.: 103 573 hbts
Villages: 58
Ville: 1

Centre de Recherche en Santé de Nouna, Burkina Faso
http://www.crsn-nouna.bf
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’s 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 (excel, word, powerpoint)
Partners involved

- University of Heidelberg
- ICF/Macro/Measure Evaluation
- 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*

Formations sanitaires et soins de santé

Thanks