

# NOUNA HDSS BURKINA FASO

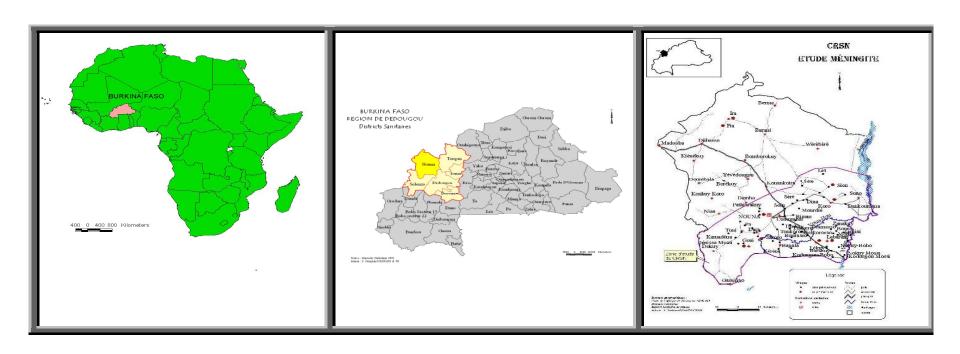
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# INDEPTH Strategic Group on Capacity Strengthening and Training Workshop Accra/Ghana 17-19 August 2015





### NOUNA HDSS LOCATION



Burkina Faso

Size: 274 000km2

Pop.:16 000 000hbts

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: 1756,224 km2

Pop.: 103 573 hbts

Villages: 58

Ville: 1





# 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 activies
     (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 Evaluation
- University of Ouagadougou
- INDEPTH Network
- National Malaria Program
- National research centres
- Nanoro Research Centre
- Centre Muraz
- LNSP
- CNRFP





### Institutional capacity strenthening

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





# Institutional capacity strenthening

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 strenghten accountant capacity for effecient grants management
- Upgrade lab facilities and technicians skills
- Accreditation
- Quality assurance



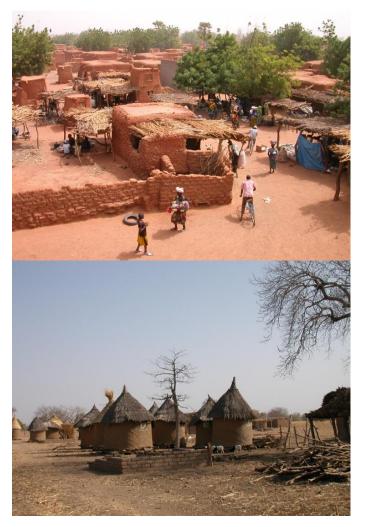


### **Perspectives**

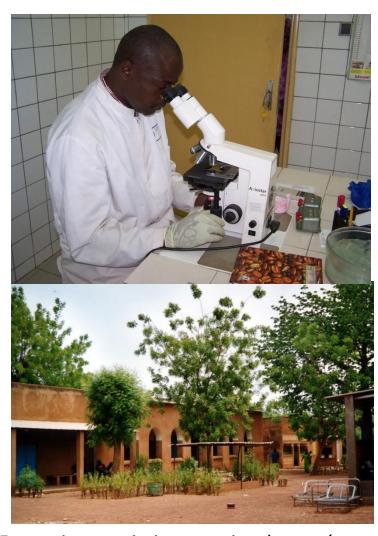
- Willingness of Nouna Director to participate in that process
- Nouna decided to move on Open HDS (CDA not yet working after 2 years pretesting)
- Need also to opt in for Ishare/Data repository
- Adopt IndepthStats
- Expertise of Indepth Network is needed to speed up the process







# **Thanks**



Formations sanitaires et soins de santé

Communauté: Habitat traditionnel en milieu rural

