Double Burden of Malnutrition: Hub in West Africa - Nutrition-Friendly Schools Initiative (NFSI)/Health promoting schools - School age children (SAC)

Programme: Double Burden of Malnutrition: Hub in West Africa

Programme Data

Programme Description
The 6-year partnership project (2008-2014) involves TRANSNUT, WHO Collaborating Centre on Nutrition Changes and Development, academic and research institutions from Benin, Burkina Faso and Mali, Helen Keller International, an international NGO, and WHO as special collaborator. The purpose of the project is to strengthen capacity of partner countries to address the double burden of the coexistence of undernutrition and nutrition-related chronic diseases. The strategy includes: 1) Workforce training in nutrition with two new regional university programs in Benin, a Master's and an undergraduate professional program (licence), as well as continuous intensive courses on Nutrition Transition and Chronic Diseases, and Community Management of acute malnutrition; 2) Action research in communities (Benin) and schools (Benin and Burkina Faso), and other studies on the nutrition transition and the double burden of malnutrition; 3) Communication for the public with development of a food guide for Benin, and the development of advocacy tools for policy and programs focusing on diabetes.

Program type
Multi-national

Cost
Total: ~5 million CAD, including 3 million CAD provided by Canadian International Development Agency

References
Website: www.poleDFN.org
Publications:
Zeba A, Delisle H, Rossier C, Renier G. Association of high-sensitive C-reactive protein (hsCRP) with cardio-metabolic risk factors and micronutrient deficiencies in adults of Ouagadougou; Burkina Faso. Brit J Nutr (Accepted)
Delisle H, Agueh V, Fayomi B. Partnership research on nutrition transition and chronic diseases in West Africa – trends, outcomes and impacts. BMC International Health & Human Rights 2011; 11 (suppl 2): S10
http://www.biomedcentral.com/bmcinthealthhumrights/supplements/11/S2
Delisle H, Receveur O, Agueh V, Nishida C. Pilot-testing of the Nutrition-Friendly School Initiative in West Africa in Ouagadougou (Burkina Faso) and Cotonou (Benin). Global Health Promotion (in press)
Implementing organisations

- International NGOs
  - Helen Keller International (HKI)
  - Details: more
    Particularly in Burkina Faso

- National NGO(s)
  - Details: more
    Mali: Santé-Diabète (French NGO)

- Research / Academia
  - Details: more
    Benin: Regional Public Health Institute (IRSP); Faculty of Health Sciences, Abomey-Calavi University; Applied Biomedical Science Institute (ISBA); Burkina Faso: Research Institute on Health Sciences (IRSS); Ouagadougou University (Medicine; CRSBAN); Mali: University of Bamako and university hospital; University of Montreal, Canada, TRANSNUT, Department of Nutrition

Funding sources

- Bilateral and donor agencies and lenders
  - Canadian International Development Agency (CIDA)
  - Details: more
    University of Montreal, Canada, TRANSNUT, Department of Nutrition

- Research / Academia
  - Details: more
    Benin: Regional Public Health Institute (IRSP); Faculty of Health Sciences, Abomey-Calavi University; Applied Biomedical Science Institute (ISBA)

Action data

Start date: January 2008
End date: January 2014
Country(ies): Benin
Burkina Faso
Mali
Status: On-going
Area: Urban
Place: Cotonou, Bénin (siège du projet); Ouagadougou
Topic: Nutrition-Friendly Schools Initiative (NFSI)/Health promoting schools
Target group: School age children (SAC)
Implementation details: NFSI implemented on a pilot basis in primary schools of Cotonou (n=6) and in Ouagadougou (n=6). In Ouagadougou, quasi-experimental approach, with 6 matched control schools. Baseline study conducted on nutritional status of pupils (nearly 900), and hygiene and eating practices. Implementation with Nutrition & Health Committees in schools. DFN project trained in nutrition education and surveillance (using anthropometry). Other activities elected by individual schools.
Target population size: Undefined
Coverage level (%): Undefined
Outcome indicator(s): Nutritional status of pupils after 3 years of NFSI implementation, and their hygiene and eating practices.
Baseline: Baseline study in Ouagadougou in 2009
<table>
<thead>
<tr>
<th>Post-intervention:</th>
<th>Due in 2013</th>
</tr>
</thead>
</table>
| Outcome reported by social determinants: | Sex  
|  | Socio-economic status |

<table>
<thead>
<tr>
<th>Typical problems</th>
<th>Solutions</th>
</tr>
</thead>
</table>

### Other actions from same programme

- Double Burden of Malnutrition: Hub in West Africa - Nutrition education and counselling - Adult men and women
- Double Burden of Malnutrition: Hub in West Africa - Food-based dietary guidelines - All population groups

### Links to policies in GINA

- Plan D'Action National Pour L'Alimentation et La Nutrition
- Plan National d'Action pour la Nutrition