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

Program 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)
- 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)**
- **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

### Action data

<table>
<thead>
<tr>
<th>Start date</th>
<th>January 2008</th>
</tr>
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<tbody>
<tr>
<td>End date</td>
<td>January 2014</td>
</tr>
<tr>
<td>Country(ies):</td>
<td>Benin, Burkina Faso, Mali</td>
</tr>
<tr>
<td>Status:</td>
<td>On-going</td>
</tr>
<tr>
<td>Area:</td>
<td>Urban</td>
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<tr>
<td>Place:</td>
<td>Cotonou, Bénin (siège du projet); Ouagadougou</td>
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<tr>
<td>Topic:</td>
<td>Nutrition-Friendly Schools Initiative (NFSI)/Health promoting schools</td>
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<tr>
<td>Target group:</td>
<td>School age children (SAC)</td>
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<td>Delivery:</td>
<td>Kindergarten/school</td>
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<tr>
<td>Implementation details:</td>
<td>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 &amp; Health Committees in schools. DFN project trained in nutrition education and surveillance (using anthropometry). Other activities elected by individual schools.</td>
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<tr>
<td>Target population size:</td>
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<td>Coverage level (%):</td>
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<tr>
<td>Outcome indicator(s):</td>
<td>Nutritional status of pupils after 3 years of NFSI implementation, and their hygiene and eating practices.</td>
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<td>Baseline:</td>
<td>Baseline study in Ouagadougou in 2009</td>
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<tr>
<td>Post-intervention:</td>
<td>Due in 2013</td>
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</table>
| Outcome reported by: | }
social determinants:
- Sex
- Socio-economic status

Typical problems | Solutions

Other actions from same programme

- Double Burden of Malnutrition: Hub in West Africa - Nutrition education - Adult men and women
- Double Burden of Malnutrition: Hub in West Africa - Dietary goals and 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