

**Harmonization Workshop for Wheat and Maize Flour Fortification  
Nairobi, Kenya, 19-22 April 2010**

**Monday, 19 April 2010  
Review of ECSA Guidelines and Introduction to WHO Recommendations**

| <b>Time</b> | <b>Presentation</b>                                                                                                                                                                                                                                                              | <b>Presenter/Facilitator</b>                                                             |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| 8.30        | Registration                                                                                                                                                                                                                                                                     |                                                                                          |
| 9.00        | Opening and welcoming statements                                                                                                                                                                                                                                                 | Dr. Helen Lugina, ECSA<br>UNICEF, WHO, GAIN, MI, FFI<br>Dr. Josphine Kibaru, Kenya MOPHS |
| 9.40        | Participant introductions                                                                                                                                                                                                                                                        |                                                                                          |
| 10.05       | Security briefing                                                                                                                                                                                                                                                                |                                                                                          |
| 10.10       | Coffee break                                                                                                                                                                                                                                                                     |                                                                                          |
| 10.30       | Food fortification: An opportunity to reduce micronutrient deficiencies in Africa <ul style="list-style-type: none"> <li>• Food fortification in optimizing maternal nutrition and young infants</li> <li>• Overview of micronutrient issues and action in the region</li> </ul> | Arnold Timmer, UNICEF<br>Saba Mebrahtu, UNICEF                                           |
| 11.00       | Flour fortification in the region and an overview of ECSA standards                                                                                                                                                                                                              | Mofota Shomari, ECSA                                                                     |
| 11.45       | Introduction to the new WHO recommendations for wheat and maize flour fortification                                                                                                                                                                                              | Luz de Regil, WHO                                                                        |
| 12.15       | WHO recommendations on folic acid and B12 fortification                                                                                                                                                                                                                          | Joe Mulinare, CDC                                                                        |
| 13.00       | Group photo and lunch                                                                                                                                                                                                                                                            |                                                                                          |
| 14.00       | WHO recommendations on iron fortification                                                                                                                                                                                                                                        | Richard Hurrell, Swiss Federal Institute of Technology                                   |
| 14.45       | Results of efficacy and effectiveness studies on flour fortification in Africa                                                                                                                                                                                                   | Hans Verhoef, London School of Hygiene and Tropical Medicine                             |
| 15.10       | Coffee break                                                                                                                                                                                                                                                                     |                                                                                          |
| 15.40       | WHO recommendations on zinc fortification                                                                                                                                                                                                                                        | Luz de Regil, WHO                                                                        |
| 16.00       | WHO recommendations on vitamin A fortification                                                                                                                                                                                                                                   | Laird J. Ruth, CDC                                                                       |
| 16.40       | Housekeeping/logistics                                                                                                                                                                                                                                                           | Milla McLachlan                                                                          |
| 17.00       | Close of day 1                                                                                                                                                                                                                                                                   |                                                                                          |
| 19.00       | Welcome reception                                                                                                                                                                                                                                                                |                                                                                          |

This workshop is supported by Smarter Futures, a partnership with the Ministry of Foreign Affairs of The Netherlands; UNICEF, ECSA, Micronutrient Initiative, Helen Keller International, World Bank, and World Food Programme.

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**Tuesday, 20 April 2010  
Issues Related to Harmonization**

| <b>Time</b> | <b>Presentation</b>                                                              | <b>Presenter/Facilitator</b>              |
|-------------|----------------------------------------------------------------------------------|-------------------------------------------|
| 9.00        | Recap of day 1                                                                   | Milla McLachlan                           |
| 9.15        | Country group discussion and Q&A                                                 | Milla McLachlan                           |
| 10.15       | Coffee break                                                                     |                                           |
| 10.30       | The West Africa experience: Harmonization of WHO guidelines with UEMOA standards | Mawuli Sablah, Helen Keller International |
| 11.00       | Implications of flour fortification for flour millers                            | Miller panel                              |
| 11.45       | Implications for cost and procurement of premix                                  | Premix manufacturer panel                 |
| 12.15       | GAIN Premix Facility                                                             | Rizwan Yusufali, GAIN                     |
| 12.45       | Lunch                                                                            |                                           |
| 13.30       | Considerations in calculating flour consumption in a country                     | Janneke Jorgenson, World Bank             |
| 14.00       | Consumption considerations in formulating existing standards: ECISA example      | Carol Tom, A2Z                            |
| 15.00       | Coffee break                                                                     |                                           |
| 15.15       | Country discussions and plenary discussions                                      | Milla McLachlan                           |
| 17.00       | Close of day 2                                                                   |                                           |

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**Wednesday, 21 April 2010**

**Issues Related to Adaptation of WHO Guidelines and National Implementation**

|       |                                                                                                |                                                    |
|-------|------------------------------------------------------------------------------------------------|----------------------------------------------------|
| 9.00  | Recap of day 2                                                                                 | Milla McLachlan                                    |
| 9.15  | Parallel sessions:                                                                             |                                                    |
|       | • Principals of monitoring and conducting impact evaluations in flour fortification programmes | Larry Grummer-Strawn, CDC                          |
|       | • QA/QC at the mill                                                                            | Philip Randall, Consultant<br>Quentin Johnson, FFI |
| 10.25 | Coffee break                                                                                   |                                                    |
| 10.45 | Fortifying Africa flour products                                                               | Philip Randall, FFI Consultant                     |
| 11.30 | Experiences on wheat flour fortification with other nutrients                                  | Quentin Johnson, FFI                               |
| 12.00 | Harmonizing existing standards and WHO guidelines                                              | Quentin Johnson, FFI<br>Anna Verster, FFI          |
| 12.20 | Lunch                                                                                          |                                                    |
| 13.20 | Parallel sessions for group discussions on regional standards                                  |                                                    |
| 15.00 | Coffee break                                                                                   |                                                    |
| 15.15 | Group feedback                                                                                 | Milla McLachlan                                    |
| 16.00 | Information exchange                                                                           | Arnold Timmer, UNICEF                              |
| 17.00 | Close of day 3                                                                                 |                                                    |

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**Thursday, 22 April 2010**

**Issues Related to Adaptation of WHO Guidelines and National Implementation, cont'd.**

|       |                                   |                                                       |
|-------|-----------------------------------|-------------------------------------------------------|
| 9.00  | Recap from day 3                  | Milla McLachlan                                       |
| 9.15  | Country discussions on next steps | Country Facilitators                                  |
| 10.15 | Coffee break                      |                                                       |
| 10.45 | Plenary feedback                  | Discussion by country                                 |
| 12.15 | Summary and next steps            | Milla McLachlan                                       |
| 12.30 | Official closing remarks          | Honorable Prof. Ruth K. Oniang'o<br>(To be confirmed) |
| 12.45 | Lunch                             |                                                       |

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