GENDER AND NUTRITION

DRAFT



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This paper has been prepared by FAO for submission to and discussion within the UN SCN with a view to developing consensual briefs for non-specialists on cross-cutting issues impacting food and nutrition security.

The paper builds on information presented in the existing literature, discussions in global fora as well as perspectives obtained through interviews and consultations with various stakeholders.

The present draft is intended as a working document to solicit comments by multiple stakeholders.

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I. CONTEXT

Gender and nutrition are inextricable parts of the vicious cycle of poverty. *Gender inequality can be a cause as well as an effect of hunger and malnutrition.* Not surprisingly, higher levels of gender inequality are associated with higher levels of undernutrition, both acute and chronic undernutrition.^{1,2} Gender and nutrition are not stand-alone issues; agriculture, nutrition, health and gender are interlinked and can be mutually reinforcing. Some experts consider women to be the nexus of the agriculture, health and nutrition sectors³. Gender and nutrition are increasingly acknowledged by the development community as important cross-cutting issues. Recently, the reciprocal relationship between the two issues was affirmed, giving rise to various efforts that seek to mainstream gender into nutrition policy and programming.

While diverging interpretations of gender exist, there is a common understanding that women and men should have equal rights and opportunities. Women continue to face discrimination and often have less access to power and resources, including those related to nutrition. This underscores the need to apply a rights-based approach to gender programming, with opportunities to leverage complementary rights-based nutrition principles such as the Right to Food.

Notwithstanding, the roles, priorities, needs and use of resources may differ between men and women. The way women and men are affected by nutrition actions may also differ. The tendency is to focus on women when addressing gender, yet this overlooks the instrumental role of men in closing the gender gap. Both men and women need to be involved in this process, acknowledging their respective roles and needs, and fostering mutual awareness and partnership.

II. PURPOSE

Many development practitioners consider gender to be a complex (and/or delicate) topic. For this reason, nutrition and food security specialists frequently spend limited time addressing gender dimensions, even though gender-sensitive actions are effective and empowering ways to tackle malnutrition. While addressing nutrition or gender singularly can improve nutrition and livelihoods, a holistic approach can accelerate progress.

Gender and nutrition are increasingly considered to be priority areas of development and mainstreamed by organisations and inter-institutional collaboration platforms. This paper seeks to: (a.) discuss the main linkages between gender and nutrition, highlighting opportunities for increased synergy; and (b.) provide recommendations for improved policies, programming and projects. This information is supplemented by an overview of the gender-sensitive frameworks and/or efforts adopted by and/or underway in organisations and inter-institutional collaboration platforms, as presented in Annex 1.

III. GENDER-NUTRITION LINKAGES AND OPPORTUNITIES FOR SYNERGY

Linkages between gender and nutrition are present in various areas and act through different pathways, thereby offering multiple opportunities for synergy. Nutrition may be an entry point for addressing more sensitive gender issues through nutrition education, school-based and youth programmes and agriculture extension, among others. Careful attention should be given to prevent and monitor unwarranted side effects. The following paragraphs highlight the main opportunities for synergy between gender and nutrition. They do not, however, identify a prescribed list of actions to be uniformly adopted. Translating good intentions and policies into practical design and implementation is complex. What works in one country or region, may not work as well, or even be counterproductive, in another location. Moreover, it is important to recognise that the combined provision of children's health services, nutrition education for mothers and women's empowerment interventions has been shown to lead to heightened impact on child stunting. Everyday logistics such as childcare services for working mothers can also have real implications on gender and nutrition outcomes, and therefore warrant special consideration.

Targeting

Targeting women in nutrition interventions as part of the vulnerable population is often seen as sufficiently gender sensitive. The "Do no harm" principle is widely applied, but often narrowed to the recognition that women are already overburdened with household and reproductive tasks (e.g. childcare, food preparation, water and firewood collection, etc.), and therefore should not be given additional tasks. Addressing women as caregivers may not be harmful *per se*, yet it will not necessarily improve their lives. Targeting women only (and thus excluding men), misses out on a number of opportunities; the same would be true when targeting men only. Public health interventions focus on individuals and physiological vulnerabilities, thereby often ignoring gender among other social considerations.

When targeting households, this problem is implicitly tackled, as the household entity is often shared by men and women. Household members generally share a common goal, namely: the welfare of their household, themselves and their children. By orienting activities towards household food security and nutrition, one can simultaneously address power relations and task/chore distribution, without having to emphasize the subjects as such. This can inadvertently help promote an equal distribution of household tasks between men and women. For instance, men who are involved in breastfeeding promotion and counselling activities will be more likely to appreciate its value.

Nutrition and the life cycle

Physiological factors augment nutritional vulnerability among adolescent girls and women. Selected nutritional requirements (e.g. iron) are higher among women of child-bearing age than among their male counterparts in order to sustain/compensate biological processes including menstruation, pregnancy and lactation. For example, gender disparities are observed with respect to iron deficiency and iron deficiency anaemia due regular blood loss during menses in girls post-menarche and premenopausal women.

Both pregnancy and lactation considerably augment nutritional needs in terms of dietary quantity (e.g. daily caloric needs increase) and quality (micronutrient intake, particularly folate/folic acid, iron and iodine). Results from a recent, seminal study on maternal nutrition have indicated that maternal nutrition during early stages of pregnancy contribute more to pregnancy outcomes than later stages of pregnancy, identifying clear implications for nutrition policy and programming⁴. While exclusive breastfeeding is promoted for the first six months of life and continued breastfeeding promoted up to the first two years of life, breastfeeding places an extra time and physical burden on women. In many cases, women do not receive support and/or time compensation to help them breastfeed their children, which may contribute to continued low levels of breastfeeding. Social norms frequently exacerbate the situation with men (and sometimes male children) receiving preferential access to meat and other nutritious foods. This situation is further compounded if the mother is overburdened with tasks, poorly educated, in poor health, as her ability to provide proper infant and young child feeding is compromised. Linkages have been observed between excessive physical activity during pregnancy and poor birth outcomes, namely increased risk of: preterm-deliveries, small-forgestational age and low birthweight. Other landmark studies have shown that suboptimal maternal nutrition and poor infant and young child nutrition, starting in pregnancy through the first two years of life, can lead to largely irreversible effects on growth and development, both physical and cognitive⁵. Further evidence suggests that mothers experience difficulty meeting the increased energy (calories) required of lactation when facing high physical demands (e.g. manual labour in fields). ^{6,7,8,9} For these reasons, targeting women in nutrition programmes and activities is warranted.

Further insult occurs when pregnancy and lactation coincide with adolescence, as nutritional needs in this phase of the life-cycle compete with the nutritional needs of the foetus and for the production of breast milk. Empirical evidence suggests that adolescent pregnancies increase the likelihood of giving birth to infants of low birth weight (<2.5 kg), and more broadly speaking, perpetuate the intergenerational cycle of malnutrition. Moreover, the evidence suggests that adolescent pregnancy

may stunt growth and increase body mass index (BMI) in adulthood, contributing to the double burden of malnutrition whereby undernutrition and overnutrition coexist. These considerations are particularly relevant, as early pregnancies remain common in developing countries. Direct food support to adolescent pregnant girls is discouraged understanding that it may lead to adulthood obesity, whereas the prevention and/or delaying teenage pregnancy to after 18 years old (e.g. via advocacy for legislation, nutrition education and family planning) should be a priority for halting the intergenerational cycle of malnutrition¹⁰.

A major opportunity is missed if nutrition activities addressing women are only initiated during pregnancy. Periconceptional (pre-maternal) nutrition is critically important for two main reasons: (a.) a substantial proportion of pregnancies are unplanned; and (b.) many birth defects/abnormalities occur during the first weeks of gestation. Weight status (underweight and obesity) and micronutrient status (particularly folate, vitamin A, iodine, iron and B12) are among the four key factors that drive periconceptional nutritional status in women. Underweight during the periconceptional period impedes weight gain during pregnancy (the main predictor of pregnancy outcomes), increasing the likelihood of preterm delivery and giving birth to small babies. In developing countries, this is often attributed to food insecurity, extremely high physical activity including manual labour, and in some countries, HIV/AIDS. As a result, increased attention to gender can help identify opportunities to reach women earlier, during influential stages of the life-cycle.

Local food culture and gender

Food taboos, preferences and consumption patterns have an impact on the nutritional status and frequently have a gender dimension. These factors should be addressed if they hinder healthy dietary practices (e.g. the tendency of women to eat smaller portions than other household members in some countries¹¹). Likewise, there is often a gender dimension to the roles and responsibilities of food collection, preservation, preparation and distribution. Women play a key role in household food preservation/processing (e.g. solar-drying, soaking, fermentation, etc.), appealing to local tastes and preferences, which can also help smooth consumption during lean seasons and support nutrition gains (e.g. sustained consumption of micronutrient-rich fruits and vegetables). Their role in food preparation goes well beyond knowledge of recipes and cooking techniques; it also encompasses access to water, fuel/wood and cooking utensils. Furthermore, women tend to be knowledgeable about food that was grown locally and consumed in the past, even if this knowledge is not always appreciated. These food items are often healthy and affordable since they are produced locally. Women who possess this knowledge should be encouraged to share it with others, passing it down to younger generations, in support of sustainable diets. Nutrition programmes should foster such information exchange, where feasible.

Broadly speaking, information should be collected on how men and women are affected by and address nutrition issues. Women are often seen as victims of certain situations, including nutritional shortfalls. While women may have experienced hardship concerning gender equality in the past, treating them as victims does no justice to either women or men. It can instigate negative outcomes, such as inciting jealousy among men, turning men away from nutrition issues and actions, and/or stigmatize nutrition activities as "women's business". Rather, men and women should both be involved and empowered to take action that can improve the nutritional situation.

Gender and nutrition in agriculture extension

Recent events such as the food prices crisis of 2006-2008 have reasserted the role of agriculture in addressing malnutrition, which has since triggered a number of efforts to maximise the nutritional impact of agriculture policies, programmes and interventions. In addition to the pivotal role women play in local food culture, they are actively engaged in food production and rural economies, accounting for 43 percent of the agricultural employment in developing countries ^{12,13}. A programme evaluation from four Asian countries indicated that agricultural training combined with nutrition education empowered women in their ability to offer healthy diets to their families through

homestead gardening, while being associated with improved nutritional status. 14,15 Farmer Field Schools are another practical example of how agricultural development can be both gender-and nutrition-sensitive and complementary to other health-based nutrition interventions. Gender and nutrition are often mainstreamed in Farmer Field Schools, including Junior Farmer Field Schools. There are plans to standardise this approach as part of greater efforts to maximise positive nutritional impact through agriculture. At field level, women and men participate in meetings and training with a focus on good agricultural practices to increase production. They are equally engaged in selecting topics for the trainings, managing field groups and organizing field activities. Good nutrition practices, gender roles and gender equality are discussed in concert with agricultural techniques, enabling women to exchange ideas and tips with other men. The acceptance of women as knowledgeable farmers is a source of empowerment. In addition, women assume managerial roles at these schools (e.g. presidents, treasurers) with the same frequency as the men. These schools not only directly empower women, but they also enable men to change their view on women¹⁶. This spirit of partnership is likewise exhibited at Junior Farmer Field Schools; in fact, gender equality is a more "natural" aspect of daily life among youth in school environments. The knowledge, attitudes and practices promoted at these schools are at least partly transferred to the parents and caregivers further reinforcing positive change.

Income-generating activities and spending income on nutrition

While enhancing agricultural production is one lever used to address malnutrition, it does not automatically improve nutrition. Agriculture also provides a source of income to 70-80% of the people in developing countries, who suffer from hunger. Improving nutrition empowers people and helps them generate income given linkages between nutrition, cognitive development, educational attainment and productivity¹⁷. Some income-generating activities are targeted to women, recognising that women tend to spend a larger portion of additional income and other resources on household nutrition, health and education^{18,19,20,21}. This suggests that the entire household may benefit from improved nutritional status, if the woman of the household exercises decision-making power on income with two critical caveats. First, there will be little or no effect on the nutritional status of the target population if nutrition is not explicitly addressed by the income-generating project/intervention. Secondly, cases have been reported where men demand their wives to hand over income or take over agriculture production activities as soon as they become lucrative^{22,23}. Efforts, subsequently, need to be taken to monitor and mitigate adverse effects. Such experiences demonstrate that the empowerment of income-generating activities does not confer equal benefits to all when gender considerations are overlooked.

Obesity, gender and nutrition

People may spend additional income on non-food items. Even if they spend it (partially) on food, they may not make healthy food choices in absence of basic nutrition knowledge. The latter is becoming a worldwide problem with the prevalence of obesity on the rise. Today, there are more people overweight than underweight²⁴. The prevalence of non-communicable diseases, which are often related to (over)nutrition, is increasing simultaneously, generating immense costs for public health systems. Furthermore, female obesity is related to additional complications during pregnancy like maternal hypertension and gestational diabetes.

While there are more obese women than men, men react differently to a high food intake²⁵ and face higher health risks when overweight as compared to women²⁶. Women and men may have differing lifestyles, which may also contribute to varying unequal risk patterns between the two genders. Prevention or treatment methods should thus be differentiated for men and women, to the extent possible.

Rights-based perspectives related to gender and nutrition

Legal frameworks and/or specific rights-based principles related to nutrition may mutually enable and enhance the above-mentioned gender/nutrition linkages. "Renewed investment in adolescent

girl and maternal nutrition will contribute significantly to the progressive realization of the rights of the girl child and of the adolescent mother in the context of the Convention on the Rights of the Child and Convention on the Elimination of All Forms of Discrimination against Women, as well as making important contributions to achieving Millennium Development Goals 1, 4, 3 and 5²⁷." The Right to Food also addresses gender and nutrition issues by fostering participation and accountability and empowering right-holders (women and men alike) to actively engage in their own development. It recognizes adequate food as a fundamental right of <u>all</u> human beings in pursuit of freedom from hunger. In order to leverage these rights, awareness-raising activities and/or campaigns should be conducted, targeting both right-holders and duty-bearers, and thereby cultivating a culture where gender- and nutrition-related rights are demanded by right-holders. Human rights violations (e.g. gender-based violence) and access disparities/discrimination should be carefully monitored with claim mechanisms in place to facilitate recourse. Integrated training and/or workshops present an opportunity to review ongoing and planned gender and nutrition activities with a human rights lens.

IV. RECOMMENDATIONS

In view of the previously discussed opportunities for increased synergy between gender and nutrition, the following recommendations have been articulated to help improve nutrition policies, programming and projects. These recommendations are classified according to the primary audience for which they are intended notwithstanding some cases where there is inherent overlap.

Specialists and practitioners

- 1) Incorporate a gender analysis as part of the regular, nutrition situation analysis, analysing the needs, priorities and roles of men and women. These analyses should collectively inform project design, formulation, planning and implementation.²⁸ The completion of gender and nutrition analyses does not necessarily require separate tools and/or human resources for gender and nutrition, respectively. Rather, gender and nutrition questions and considerations can be integrated into one tool and/or exercise that might be devised and/or undertaken by one specialist.
- 2) Incorporate gender considerations at all levels, framing such efforts as an opportunity to improve effectiveness and nutritional impact. Including gender considerations enhances impact on both women and men, thereby improving the impact of the project as a whole.²⁹ [Also applicable to policymakers]
- 3) Promote nuanced targeting strategies in nutrition policies, programming and project activities, recognising that there is more to gender than just gender parity or targeting women. Targeted support enhances the effectiveness of nutrition projects as long as it is gender-sensitive. Women may be targeted as part of the vulnerable group in view of their special vulnerabilities, but men should also be reached to help address their needs as well as those of women. In some cases, this may be achieved by targeting food security and nutrition support to households to emphasise common goals and partnership. Targeting youth is also recommended for a number of reasons. First, good nutrition early in life is a basis for good health at later phases as well as for the health of the next generation. Secondly, gender equality is often more accepted among youth. Thirdly, young people may transfer their knowledge, habits and benefits related to gender and nutrition to their parents and/or other adult members of the community. [Also applicable to policymakers]
- 4) Include the promotion of balanced distribution of household tasks between men and women in nutrition programmes and actions. While childcare is frequently provided by women, nutrition interventions may encourage fathers to acknowledge their responsibility and play a role in childcare. This will, in turn, enable women to have more time to contribute to household income and nutrition. When childcare services are accompanied by sufficient supply of nutritious and diverse foods and nutrition education/behaviour change activities, nutrition outcomes are likely to be greater.
- 5) Address gender considerations for each activity, at every stage of an intervention.³⁰ Both female and male members of target groups and stakeholders should be involved during the formulation and implementation phases, identifying the most pressing needs, developing messaging and communications strategies, and ultimately, advocating and delivering the message/service/ action. This should be backed by a structured, systematized and participatory monitoring and evaluation framework and system, whereby sex and age disaggregated data is collected.³¹ A certain amount of flexibility should be maintained in the programme design so as to enable unexpected gender issues to be addressed, which may emerge through monitoring.
- 6) Establish and operationalise specific mechanisms to ensure increased farmers' income from agricultural production leads to better nutrition. Focusing on agricultural production alone can adversely impact nutrition as well as gender, whereas mainstreaming nutrition in agriculture can emphasise gender indirectly. Agricultural interventions should promote time- and labour-saving techniques and technologies, improve access to safe water and energy as well as improve and/or

introduce food processing and storage, which all have gender aspects.

Policymakers

- 7) **Build on the local context, adapting gender policies as needed**. A gender policy containing a set of general principles accepted by all can provide a general framework for projects and programs. Since gender roles are culture and context-specific, additional work is needed to reflect these roles and cultural consideration in gender policies to be most meaningful.
- 8) Promote gender-sensitive elements in integrated/multi-sectoral nutrition policies, programmes and actions. Moreover, explore and successively use the way these components influence each other.
- 9) Support equal rights and access to employment, land and other resources/services such as: Right to Food and other human rights; equal access to education; reproductive health and family planning; women's access to land, financial services, extension, technology and markets among other areas. [Also applicable to specialists and practitioners]
- 10) Advocate for equal representation of women and men in decision-making positions e.g. designing and developing laws, policies and programmes. This may require lobbying efforts as well as the establishment of quotas for policy-making positions. Equal involvement and participation in rural and national institutions will lead to better nutrition for all.

V. CONCLUSION

Gender and nutrition have multiple dimensions and are highly context-specific. Ideally, the pathway towards improved food and nutrition security - for all - should be a gender-equitable process. In recent years, considerable progress has been made with regard to prioritizing gender and nutrition in policies, programmes and projects though these efforts have largely treated gender and nutrition as two distinct topics. Greater attention is needed for operationalising opportunities to combine the two. The above recommendations are a preliminary attempt to bridge these two areas in support of gender-sensitive nutrition policies, programming and projects as a means to increasing nutritional impact.

Nutrition can offer opportunities to address otherwise sensitive issues regarding gender roles. Mainstreaming gender in nutrition within the field of agriculture is a critical aspect of strengthening gender and nutrition linkages in recognition of their substantial contribution to agriculture production and their central role in household food collection, preservation/processing and preparation. The inclusion of gender-sensitive approaches in primary health care, water and sanitation, social protection and education are equally paramount, and may be achieved through multiple entry points. Furthermore, mainstreaming gender in nutrition offers opportunities to integrate agriculture and health approaches. This will require increased collaboration and coordination between and within organizations working in the field of gender and nutrition so as to exploit existing complementarities and comparative advantages, and to apply a holistic approach.

Mainstreaming gender in nutrition can only be accomplished if accountability is taken at all levels. Not only should higher management in relevant organisations regularly update and ensure implementation of gender and nutrition policy, but also staff members should be made accountable for gender and nutrition priorities in their respective areas. Governments and other implementing partners should also be encouraged to incorporate gender and nutrition into their regular work, programmes and projects, to the extent possible. Nevertheless, some of most needed support goes beyond formal, sophisticated organisational structures and results-based frameworks. Facilitating household logistics such as making childcare services available at household and/or community levels is critical, with increased accountability also needed between household members to achieve a more balanced distribution of reproductive tasks among men and women.

ANNEX 1: INSTITUTIONAL OVERVIEW

Many members of the international nutrition community have developed and are implementing policies, strategies and action plans with a focus on gender and nutrition. Most members of the UN family (e.g. FAO³², WFP³³, IFAD³⁴, WHO³⁵ and UNICEF³⁶ among others) and organisations such as the European Union (EU)³⁷ and IFPRI³⁸ have developed and implemented gender policies, workplans and strategies, and are making efforts to promote gender equality and women's empowerment in nutrition programmes and projects. Similarly, inter-institutional bodies and mechanisms have followed suit. These bodies are particularly well-positioned to promote mainstreaming gender in nutrition in view of their multi-stakeholder reach, and in some cases, multi-sectoral focus.

The Committee of World Food Security (CFS) is an intergovernmental body that was established in 1974 to serve as a forum for the UN system to review and follow-up food security policies. It refers to the UN Standing Committee on Nutrition (SCN) on nutrition-related issues, the official forum for harmonizing nutrition policies and programmes. Both have convened a number of (special) sessions, whereby gender and nutrition linkages were explored. In the final report from the 37th CFS session, concrete actions to improve women's health, educational and nutritional status were identified as prerequisites to achieving food and nutrition security - for all³⁹. Furthermore, member states are urged to support equal participation and increased access (e.g. to land, extension, health services, education and credit) to women, encourage their leadership and advance human rights.

In 2010, more than one hundred stakeholders endorsed the framework for the Scaling-up Nutrition movement, which seeks to address the persisting high levels of undernutrition and accelerate action in the context of MDG1. SUN focuses on the first 1000 days (from conception until two years old) and encourages participating governments to promote nutrition- and gender-sensitive development. The gender dimension and women's empowerment in policies and actions to scale-up nutrition is one of six key themes of the SUN strategy, currently under development⁴⁰. Moreover, the CFS-appointed High Level Task Force on Food Security and Nutrition, the G20 Development Group Food Security Pillar and UN REACH partnership actively contribute to the SUN movement.

The UN Renewed Efforts against Child Hunger and Undernutrition (REACH) is a partnership between FAO, WHO, UNICEF and WFP, established in 2008, to address undernutrition, particularly the reduction of stunting among children under-five years old. It promotes a child-centred, holistic approach by facilitating multi-sectoral action among the partner agencies and other stakeholders. It builds on the political commitments pledged through SUN and is considered to be a vehicle for advancing country level action. REACH acknowledges the importance of maternal nutrition and has given increased attention to gender-sensitive strategies and programming.

Pre-existing gender inequality and nutrition insecurity may be aggravated during and/or as a result of emergency situations. Emergencies are almost always characterised by high levels of acute malnutrition, with women, girls, boys and men facing different nutrition risks, and thus warranting differentiated responses. The Global Nutrition and the Global Food Security Clusters play a lead role in emergencies, starting with the Consolidated Appeal Processes, where a working group on gender is formulated. Furthermore, the inclusion of gender marker scores in humanitarian funding appeals became a mandatory requirement earlier this year. These measures are reinforced by the policy statement issued by the United Nations Inter-Agency Standing Committee (IASC) in 1999, which stipulated the following requirements for providing humanitarian assistance in emergencies: (a.) member organisations formulate and apply specific strategies to integrate gender issues; (b.) collect and analyse data from a gender perspective; (c.) build capacity for gender programming; and (d.) develop reporting and accountability mechanisms that ensure attention to gender⁴¹. It also published a Gender Handbook in Humanitarian Action in 2006, with complementary Guidelines for Gender-based Violence Interventions in Humanitarian Settings^{42,43}.

ANNEX 2: ADDITIONAL DOCUMENTS REVIEWED

Institutional Publications:

FAO: The State of Food and Agriculture, 2010–11: Women in Agriculture: Closing the Gender Gap for Development; Rome, 2011

http://www.fao.org/docrep/013/i2050e/i2050e.pdf

FAO: The State of Food and Agriculture 2003–04. Agricultural biotechnology: meeting the needs of the poor? Rome, 2004

http://www.fao.org/docrep/006/Y5160E/Y5160E00.HTM

FAO: Policy on Gender Equality: Attaining Food Security Goals in Agriculture and Rural Development http://typo3.fao.org/fileadmin/templates/gender/docs/FAO FinalGender Policy 2012.pdf

FAO: Evaluation of FAO's Role and Work Related to Gender and Development. Final Report, FAO Office of Evaluation, Rome 2011

http://www.fao.org/docrep/meeting/023/MB469E01.pdf

FAO: Emergency and Rehabilitation Programmes. Does Gender Matter?

http://www.fao.org/docrep/007/y5834e/y5834e00.htm

FAO: Gender and Nutrition Key Facts

http://www.fao.org/docrep/012/al184e/al184e00.pdf

FAO: Project Document: Global governance for hunger reduction 2012-2015 (GCP/INT/130/EC)

FAO: Working as one. Joining forces to protect and improve nutrition

FAO: Right to Food and Gender

http://www.fao.org/righttofood/wfd/pdf2007/focus gender eng.pdf

FAO: The Right to Food: The Right to Food in Practice. Implementation at the National Level http://www.fao.org/docs/eims/upload/214719/AH189 en.pdf

FAO: The Right to Food: The Voluntary Guidelines. An Overview

http://www.fao.org/righttofood/publi_01_en.htm

FAO: The Right to Food: Brief 5. Nutrition, Food Safety and Consumer Protection

http://www.fao.org/docs/eims/upload/217393/05_nutrition_31.pdf

FAO: Women and the Right to Food. International Law and State Practice

http://www.fao.org/righttofood/publi08/01 GENDERpublication.pdf

FAO: Focus on Right to Food and Gender

http://www.fao.org/righttofood/wfd/pdf2007/focus gender eng.pdf

FAO: Biennial Review 2008-2009; Gender Mainstreaming in the Investment Centre Division's (TCI's) work. November 2011

FAO: Promoting the expression "food and nutrition security". A strategy note from the Nutrition and Consumer Protection Division – AGN. Thompson B; Amoroso L; Meerman J.

FAO, WFP. SEAGA, Socio-Economic and Gender Analysis Programme. Guidelines to emergency programmes: Passport to mainstreaming a gender perspective in emergency programmes; key analytical questions for designing gender-sensitive humanitarian interventions.

http://www.fao.org/docrep/012/ak210e/ak210e00.pdf

FAO/FSNAU: Gender in Emergency Food Security and Livelihoods: A compendium of what we know; and recommendations on what we need to know for enhanced gender analyses

ACC/SCN: Challenges for the 21st Century: A Gender Perspective on Nutrition through the Life Cycle

- Nutrition policy paper No. 17. ACC/SCN Symposium Report. Nov 1998.

http://www.unscn.org/layout/modules/resources/files/Policy paper No 17.pdf

Actionaid, CARE, Christian Aid, Concern Worldwide, Find Your Feet, Oxfam, Practical Action, Save the Children, Self Help Africa: What works for women: Proven approaches for empowering women smallholders and achieving food security. 8 March 2012

http://www.actionaid.org/sites/files/actionaid/what works for women - final.pdf

CFS: 37th Session Final Report. Rome, 17-22 October 2011.

http://www.fao.org/fileadmin/templates/cfs/Docs1011/CFS37/documents/CFS_37_Final_Report_FI_NAL.pdf

CFS Policy Round Table on "Gender, food and nutrition security". A concept note

http://cso4cfs.files.wordpress.com/2011/06/cfs policy rt concept note gender nutrition and foo d security 24 05 11.pdf

CPHCC, WFP, UNSCN, ACF. Enhancing women's leadership to address the challenges of climate change on nutrition and security and health

http://climatehealthconnect.org/sites/climatehealthconnect.org/files/resources/Enhancing%20Women%27s%20Leadership.pdf

European Commission: External Consultation Paper on Undernutrition in Emergencies http://ec.europa.eu/echo/files/policies/consultations/nutrition-consultation-paper_en.pdf

IASC: Gender Marker Tip Sheet July 2011

http://pakresponse.info/LinkClick.aspx?fileticket=1vjO3q47mu4%3D&tabid=107&mid=629

IASC: Gender Handbook in Humanitarian Action: Women, girls, boys and men; Different needs, equal opportunities

http://www.humanitarianinfo.org/iasc/documents/subsidi/tf_gender/IASC%20Gender%20Handbook %20(Feb%202007).pdf

IFAD: Policy on Gender Equality and Women's Empowerment. Rome, 3-4 April 2012 http://www.ifad.org/gender/policy/gender_e.pdf

IFAD: Household Approaches Synthesis Paper. Farnworth CR, March 2012

IFPRI: Household Decisions, Gender, and Development. A Synthesis of Recent Research. Edited by Quisumbing, A.

http://www.ifpri.org/sites/default/files/publications/genderbook.pdf

PMNCH Knowledge Summary #18 Nutrition: Women's and Children's Health

Save the Children, Tufts, UNICEF; Stites E, Mitchard E. Milk matters in Karamoja: Milk in Children's Diet and Household Livelihoods. Feinstein International Center, October 11

UNSCN: Maternal and Child Undernutrition 5 Effective international action against undernutrition: why has it proven so difficult and what can be done to accelerate progress? Morris SS; Cogill, B; Uauy R, for the Maternal and Child Undernutrition Study Group* Jan 17, 2008 http://www.unscn.org/files/Annual Sessions/Undernutr 5 p82 95.pdf

UNSCN: Maternal malnutrition and the intergenerational cycle of growth failure http://www.unscn.org/files/Publications/RWNS6/report/chapter3.pdf

WB, FAO, IFAD: Gender in Agriculture; A Sourcebook.

World Bank, From Agriculture to Nutrition: Pathways, Synergies and Outcomes (2007)

http://siteresources.worldbank.org/INTARD/825826-

1111134598204/21608903/January2008Final.pdf

WFP: Gender policy. Promoting gender equality and the empowerment of women in addressing food and nutrition challenges 2009 http://www.wfp.org/content/wfp-gender-policy

Articles:

Bandiaky-Badji S. Gender equity in Senegal's forest governance history: why policy and representation matter. International Forestry Review Vol.13(2), 2011 177 http://www.cifor.org/publications/pdf files/articles/ACIFOR1102.pdf

Bryce J; Coitinho; Darnton-Hill I; Pelletier D; Pinstrup-Andersen P, for the Maternal and Child Undernutrition Study Group. Maternal and Child Undernutrition 4 Maternal and child undernutrition: effective action at national level. Lancet; Jan 17, 2008

http://www.who.int/nutrition/topics/Lancetseries Undernutrition4.pdf

Friis-Hansen E; Duveskog D; Taylor EW. Less noise in the household: the impact of Farmer Filed Schools on Gender Relations. Journal of Research in Peace, Gender and Development, Vol 2 (2), pp. 044-055. February 2012

http://interesjournals.org/JRPGD/pdf/2012/February/Friis-Hansen%20et%20al.pdf

Graham A. Gender mainstreaming Guidelines for Disaster Management Programmes. A Principled Socio-Economic and Gender Analysis (SEAGA) Approach. UN Oct 2001. http://www.un.org/womenwatch/daw/csw/env manage/documents/EP1-2001Oct22.pdf

Klennert, K (editor). Achieving Food and Nutrition Security; Actions to Meet the Global Challenge. A training course reader. 2005.

http://www.fao.org/docs/eims/upload/219148/food_reader_engl.pdf

Mai YH, Mwangi E; Wan, M. Gender analysis in forestry research: looking back and thinking ahead. International Forestry Review Vol.13(2), 2011 245

http://www.cifor.org/publications/pdf files/articles/amai1101.pdf

Mallick, R. Implementing and evaluating microcredit in Bangladesh. Development in Practice, Volume 12, Number 2, May 2002

http://academic.evergreen.edu/curricular/ATPSMPA/Mallick.pdf

Maluccio J. et al. Resources at Marriage and Intra-household Allocation: Evidence from Bangladesh, Ethiopia, Indonesia, and South Africa. Oxford Bulletin of Economics and Statistics 65; 2003.

Mayoux L 2009. Engendering benefits for all. http://www.thebrokeronline.eu/Special-Reports/Special-report-The-power-of-value-chains/Engendering-benefits-for-all

Meinzen-Dick, R et al. Engendering agricultural research, development and extension. IFPRI; Washington, 2011

http://www.ifpri.org/sites/default/files/publications/rr176.pdf

Mendez MA; Monteiro CA; Popkin BM. Overweight exceeds underweight among women in most developing countries American Society for Clinical Nutrition 2005 vol. 81 no. 3 714-721 http://www.ajcn.org/content/81/3/714.short

Menegoni F, et al. Gender-specific effect of obesity on balance. Obesity, a Journal 2009 March 17 10, 1951–1956

http://www.nature.com/oby/journal/v17/n10/pdf/oby200982a.pdf

Mwangi E; Mai YH. Introduction to the Special Issue on Forests and Gender. International Forestry Review Vol.13(2), 2011

http://www.cifor.org/publications/pdf files/articles/AMwangi1101.pdf

Popkin, M. The World is Fat: More People in the Developing World are Now Overweight than Hungry. Future Survey; Dec2007, Vol. 29 Issue 12, p13

http://connection.ebscohost.com/c/articles/28571806/world-fat-more-people-developing-worldare-now-overweight-than-hungry

Purnomo H; Irawati RH; Fauzan AU; Melati M. Scenario-based actions to upgrade small-scale furniture producers and their impacts on women in Central Java, Indonesia. International Forestry Review Vol.13(2), 2011

http://www.cifor.org/publications/pdf files/articles/APurnomo1102.pdf

Quisumbing, A. Household decisions, gender and development. A Synthesis of Recent Research. IFPRI; Washington, 2003

http://www.ifpri.org/sites/default/files/publications/genderbook.pdf

Shanley P; Da Silva FC; MacDonald T. Brazil's social movement, women and forests: a case study from the National Council of Rubber Tappers. International Forestry Review Vol.13(2), 2011 http://www.bioone.org/doi/pdf/10.1505/146554811797406570

Sun Y; Mwangi E; Meinzen-Dick, R. Is gender an important factor influencing user groups' property rights and forestry governance? Empirical analysis from East Africa and Latin America. International Forestry Review Vol.13 2), 2011 205

http://www.cifor.org/publications/pdf_files/articles/AMWangi1102.pdf

Wells JCK et al. Associations of economic and gender inequality with global obesity prevalence: Understanding female excess. Social Science & Medicine 2012 the doi:10.1016/jsocsimed.2012.03.029

¹ Mucha N (2012). "Enabling and equipping women to improve nutrition." Briefing Paper no. 16, Bread for the World Institute, Washington D.C.

² UNDP (2011). "Human Development Report 2011. Sustainability and Equity; A Better Future for All." New York.

³ IFPRI (2011). "Agriculture, nutrition, health; exploiting the links." Washington DC.

⁴ SCN (2010). "6th Report on the world nutrition situation; Progress in nutrition." Chapter 3 on Maternal nutrition and the intergenerational cycle of growth failure. Geneva.

⁵ The Lancet Series on Maternal and Child Undernutrition (2008).

⁶ Herforth A, Jones A and Pinstrup-Andersen P (in press). "Prioritizing nutrition in agriculture and rural development; World Bank HNP Discussion Paper ." World Bank, Washington DC.

⁷ Rashid M, Ulijaszek SJ (1999). "Daily Energy Expenditure Across the Course of Lactation Among Urban Bangladeshi Women." American Journal of Physical Anthropology, Vol. 110, Pages 457-465.

⁸ Piers LS, Diggavi SN, Thangam S, van Raaij JMA, Shetty PS, Hautvast JGAJ (1995). "Changes in energy expenditure, anthropometry, and energy intake during the course of pregnancy and lactation in wellnourished Indian women." American Journal of Clinical Nutrition, Vol. 61, Pages 501–513.

⁹ Guillermo-Tuazon MA, Barba CVC, van Raaij JMA, Hautvast JGAJ (1992). "Energy intake, energy expenditure, and body composition of poor rural Philippine women throughout the first 6 months of lactation." American Journal of Clinical Nutrition, Vol. 56, Pages 874-880.

¹⁰ SCN (2010). "6th Report on the world nutrition situation; Progress in nutrition." Chapter 3 on *Maternal nutrition and the* intergenerational cycle of growth failure. Geneva.

¹¹ Mucha N (2012). "Enabling and equipping women to improve nutrition." Briefing Paper no. 16, Bread for the World Institute, Washington D.C.

¹³ FAO (2011). "2010-2011 The State of Food and Agriculture; Women in agriculture, closing the gender gap." Rome.

- ¹⁴ Mucha N (2012). "Enabling and equipping women to improve nutrition." *Briefing Paper no. 16*, Bread for the World Institute, Washington D.C.
- ¹⁵ Talukder A, Haselow NJ, Osei AK, Villate E, Reario D, Kroeum H, SokHoing L, Uddin A, Dhunge S and QuinnV (2010). "Homestead Food Production Model Contributes to Improved Household Food Security and Nutrition Status of Young Children and Women in Poor Populations Lessons Learned from Scaling-up Programs in Aisa (Bangladesh, Cambodia, Nepal and Philippines)" *Field Actions Science Reports*, Special Issue 1.
- ¹⁶ Friis-Hansen, E; Duveskog, D; Taylor, EW. Less noise in the household: the impact of Farmer Field Schools on Gender Relations.
- ¹⁷ World Bank (2006). "Repositioning Nutrition as Central to Development; A Strategy for Large-scale Action." Washington D.C.
- ¹⁸ World Bank (2007). "From Agriculture to Nutrition: Pathways, Synergies and Outcomes." Washington D.C.
- ¹⁹ Meinzen-Dick, R et al (2011). "Engendering agricultural research, development and extension" IFPRI, Washington D.C.
- ²⁰ FAO (2009). "Designing CCT Programs to improve nutrition impact: principles, evidence and examples." Working Paper No. 6, *Hunger-Free Latin America and the Caribbean Initiative*, Author affiliations: IFPRI (Garrett J and Bassett L), Tufts University (Bassett L) and The World Bank (Marini A), Santiago.
- ²¹ Mucha N (2012). "Enabling and equipping women to improve nutrition." *Briefing Paper no. 16*, Bread for the World Institute, Washington D.C.
- ²² Mayoux L (2009). "Engendering benefits for all."
- ²³ Christensen I (2003). "Sierra Leone Rehabilitation and Community-based Poverty Reduction Project Formulation Report; Working Paper 2, Livelihood Analysis of IFAD's Target Group." *Final Draft*, FAO, Rome.
- ²⁴ Popkin, M (2007). "The World is Fat: More People in the Developing World are Now Overweight than Hungry." *Future Survey*, Vol. 29, Issue 12, Page 13.
- ²⁵ Menegoni F, et al (2009). "Gender-specific effect of obesity on balance." Obesity, Vol. 10, Pages 1951–1956.
- ²⁶ Taylor, EN, Stampfer MJ and Curhan GC (2005). "Obesity, weight gain, and the risk of kidney stones." *JAMA*, Jan 26th; Vol. 293(4), Pages 455-62.
- ²⁷ Ihid
- ²⁸ Mucha N (2012). "Enabling and equipping women to improve nutrition." *Briefing Paper no. 16*, Bread for the World Institute, Washington D.C.
- ²⁹ ibid
- ³⁰ Mucha N (2012). "Enabling and equipping women to improve nutrition." *Briefing Paper no. 16*, Bread for the World Institute, Washington D.C.
- 31 ibid
- ³² FAO (2012). "Policy on Gender Equality: Attaining Food Security Goals in Agriculture and Rural Development." Rome.
- ³³ WFP (2009). "Gender policy. Promoting gender equality and the empowerment of women in addressing food and nutrition challenges." Rome.
- ³⁴ IFAD (2012). "Policy on Gender Equality and Women's Empowerment." Rome.
- ³⁵ WHO (2002). "Integrating gender perspectives in the work of WHO; WHO Gender Policy." Geneva.
- ³⁶ UNICEF (2010). "Working for an Equal Future; UNICEF Policy on Gender Equality and the Empowerment of Girls and Women." New York.
- ³⁷ EU (2007). Communication from the Commission to the European Parliament and the Council Gender Equality and Women Empowerment in Development Cooperation [SEC(2007) 332]. Brussels
- ³⁸ Quisumbing AR and McClafferty B (2006). "Food Security in Practice; Using Gender Research in Development." Washington D.C.
- ³⁹ CFS (2011). "CFS Policy Round Table on 'Gender, food and nutrition security'; A concept note." Rome.
- ⁴⁰ SUN (2012). "SUN movement lead group strategy development: thematic task teams concept note." Geneva.
- ⁴¹ IASC (1999). "Policy statement for the integration of a gender perspective in humanitarian assistance." Geneva.
- ⁴²IASC (2006). "Gender Handbook in Humanitarian Action: Women, girls, boys and men; Different needs, equal opportunities."
- ⁴³ FAO and WFP (no publication date specified). "Socio-Economic and Gender Analysis Programme. Guidelines to emergency programmes: Passport to mainstreaming a gender perspective in emergency programmes; key analytical questions for designing gender-sensitive humanitarian interventions." Rome.