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## SOMALIA EMERGENCY PROPOSAL



**IIMSAM Official Photo: IIMSAM'S: Ms. Elhaan Egeh Principal Adviser on Institutional Advancement in African of the Secretary-General in tis picture conducting an emergency distribution of Spirulina in the Turkana Region of Southern Somalia/Kenyan Border. Some 300,000 are suffering from extreme and acute malnutrition.**

# Somalia: Drought

## Emergency Appeal

**6<sup>th</sup> December 2011**

This Emergency Appeal seeks \$11,191,200 for services and to support the Intergovernmental Organization for the Use of Micro Algae Spirulina Against Malnutrition (IIMSAM) to assist 500,000 beneficiaries for 6 months, and will be completed by 30 June 2012. A Final Report will be made available by 31 December 2012.

Due to the recent increased hardship affecting the Somalia population, it has become necessary to further scaling-up of our activities through this Emergency Appeal in coordination with Movement partners active within the territory. There is an increased influx of (Internally displaced people) IDPs into Somaliland and Puntland (currently estimated at 60,000) part of which IIMSAM has been already helping with so far, but further surge capacity response needs to be built to enable the scaling-up of humanitarian interventions in accordance with the evolving needs.

According to the priorities identified by the IIMSAM Programming and institutional Development unit, the operation will focus on Puntland and Somaliland by scaling-up the health outreach services and nutrition activities through the fixed and mobile health clinics. This will be complemented by supporting the local communities to rehabilitate their water sources, fuel subsidy support to run the boreholes, rebuilding livelihoods for fishing communities, limited food rations for boarding schools and distribution of basic non-food items for newly displaced households

### **The Situation**

A combination of protracted conflict, cyclical drought and soaring food prices within a shrinking humanitarian space and a lack of access to the affected population has worsened the food insecurity situation in most parts of Somalia. The hardest hit regions are in the South of the country. An estimated number of 4 million people representing over half the Somali population is in crisis nationwide; an increase from 3.7 million people in July, 2011 alone. Out of these, 3 million people are in the South. Due to the severity of the situation, the UN has officially declared a famine in Middle Shabelle, Lower Shabelle, Bakool, Afgooye corridor IDP settlements as well as the Mogadishu IDP community between July and August, 2011. This was followed by declaring the Bay Region as the latest area to be included in the famine zone as of 7 September 2011, bringing the total number of regions affected by the famine to six.



**IIMSAM'S EMERGENCY SPIRULINA DISTRIBUTION KENYAN/SOMALIAN BORDER**



**IIMSAM'S SPIRULINA DISTRIBUTION TAKING PLACE KENYAN/SOMALIAN BORDER**

The Food and Agriculture Organization (FAO's) Somalia Food Security and Nutrition Analysis Unit (FSNAU) latest figures (August 2011)<sup>1</sup> show a 15% increase in the number of child malnutrition cases, from 390,000 children to 450,000 children; 75% of them in the South.

In the North East, Puntland and North West, Somaliland, the food security situation has deteriorated in certain areas of Mudug, Nugaal, Sanag, Kakaar and Coastal Deeh regions. The areas of particular concern are Coastal Deeh, Sool Plateau, Sanag and the grazing areas of Hawd in both Toghddeer and Sool regions.

### **Coordination and Partnerships**

IIMSAM is monitoring the situation very closely and coordinating their support with local agencies. IIMSAM will continue to focus its activities in South and Central Somalia as well as the IDP population currently in Kenya.

### **The Needs**

Beneficiary selection: The nomadic communities, the IDPs and the urban poor will continue to be the target of IIMSAM's interventions during the emergency appeal period. The focus will be on the areas expected to experience acute water and pasture shortage and urban centres expected to receive increasing numbers of IDPs. Immediate needs of displaced families will be supported and livelihoods of selected families protected. Drought affected households in the coastal areas have a diverse range of income sources commonly including a mix of livestock keeping, agriculture and fishing. While livestock and agriculture has been severely affected by the drought conditions,

fishing remains a viable income source and will be protected and strengthened through the provision of fishing equipment and tools. A limited food ration distribution will target districts with boarding schools and orphanages where children are at risk to leave school due to lack of food and water. The operation's health and nutrition component will continue to focus on women and children aged under five years through fixed clinics and enhanced outreach services using mobile clinics. The total target population expected to be reached in the nine regions of Somaliland and Puntland is estimated to be 500,000 people.

#### POINTS OF PRIORITY:

- Health and nutrition
- Logistical support including vehicles to sustain the mobile clinics services.
- Rehabilitation of water sources, including boreholes, shallow wells fitted with hand pumps, fuel subsidy to run the boreholes, water storage and distribution points at IDP settlements.
- Ceramic water filters to be distributed to rural households.
- Chlorination of water points and distribution of sanitation tools.
- Spirulina distribution packages for children, women and other undernourished people.
- Non-food items for the IDPs.
- Insecticide treated bed nets (LLIN) to be distributed for pregnant and lactating mothers and children.
- Capacity building support for IIMSAM branches through tailor-made training in Emergency Response.

#### **The Proposed Operation**

According to the priorities identified by the IIMSAM Programming and Institutional Development unit, the proposed operation will focus on Puntland and Somaliland by scaling up the health and nutrition services through the fixed and mobile health clinics. This will be complemented by supporting the local communities with distribution of Microalgae Spirulina nutritional food supplements. In addition, to rehabilitate their water sources, fuel subsidy support to run the boreholes. The operation will be led by the IIMSAM in the respective regions where scaling up of outreach activities is already taking place through mobilization of the health staff and 600 volunteers at the existing fixed clinics and through surge capacity of the mobile health teams.

## About IIMSAM



IIMSAM Official Photos From Left to Rt: IIMSAM`s Secretary General Amb. R. Maradona & Amb. Shariar Rahimi Chief of Protocol and Administrative Affairs on the field.

## IIMSAM Mission Statement

The Intergovernmental Institution for the Use of Micro---Algae Spirulina Against Malnutrition, IIMSAM, is an autonomous Intergovernmental Organization that works to promote the consumption of Spirulina to counter and eradicate malnutrition worldwide. IIMSAM makes daily strides to develop Spirulina as a key---driver in the complete eradication of malnutrition through the achievement of global food security. IIMSAM also aims to bridge the health divide amongst the nations with a special priority for the developing and the least developed countries.

Spirulina is a nutrient-dense micro-algae that grows naturally under tropical conditions in alkaline water and can be cultivated in small ponds with little investment. Because Spirulina can be produced inexpensively and without great difficulty, it is an extremely cost-effective and profitable solution to promoting community sustainability through local cultivation. In the long run, there is no cheaper nor better alternative to attaining community sustainability than by creating local businesses which make use of the knowledge and skills of the locals. A truly sustainable solution will emerge if rural women can be profitably involved in the eradication of malnutrition, as the independence gained from this type of work can be an extremely empowering tool for women. Spirulina can become a sustainable long-term solution if programmes are designed which enable profitable enterprises to combat malnutrition through business.

Over the past year, IIMSAM has transformed the scope of its mission and has demonstrated the ability to facilitate programmes that integrate long-term solutions to the growing global food crisis through the development of Spirulina feeding programmes. Our objective is to combat malnutrition by means of establishing improved public health with the production and distribution of Spirulina.

Our holistic approach to reaching the most basic nutritional needs of our patients has given our organization the ability to disseminate the importance of empowerment within communities that suffer from conditions unimaginable to the developed world through the production, education, and distribution of Spirulina. The astonishing success of our centre in East Africa is most visible in the measure of progress that we can see in both the communities and the individuals that have been provided with our direct service. IIMSAM has been committed to maintaining the spirit of empowerment by improving the scope of our programme through infrastructure investments, training, and expansion. IIMSAM's Spirulina Programme has improved the lives of countless individuals by addressing the immediate nutritional needs of communities with viable solutions as our desired outcome.

### **Budget**

Adults require five (5) grams and children three (3) grams per day. We would like to cover the cost of feeding five hundred thousand (500.000) people with a ratio of 40/60 during a period of six (6) months. We are always attempting to get a better price from our Spirulina providers, and through our constant research, we are aiming for a price as low as \$12 USD per Kilogram considering the amount of Spirulina we are requesting. Nevertheless, we will calculate with our current negotiated price of \$18 USD per Kilogram. This proposal will also include the approximate shipping costs as well as administration and distribution costs of 20%. The administration costs will take into account the hiring of five (5) consultants who will be needed for administration of the project and distribution of the Spirulina.

#### **Six (6) month distribution**

	<u>1 day</u>	<u>1 month</u>	<u>6 months</u>
200.000 adults	1.000 kg	30.000 kg	180.000 kg
300.000 children	900 kg	27.000 kg	162.000 kg
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			<b>342.000 kg</b>

#### **Spirulina Cost:**

Calculating \$18 per kg makes total of **\$6,156,000.**

### **Shipping Cost:**

We calculated the shipping cost with 6% according the standard shipping cost agreements: Approximately **\$370,000.-** For a total of **\$6,526,000.-**  
This calculation is a term of negotiation as well.

### **Administration and Distribution**

20% of total cost: 6,526,000.- : **1,305,200.-**

### **Water Cleaning System**

Water cleaning systems- where each cost \$90,000.- and provide fresh, clean water for about 100.000 people.

Four (4) Systems **\$360,000.-**

### **Mosquito nets**

Most malaria-carrying mosquitoes bite at night. Mosquito nets, if properly used and maintained, can provide a physical barrier to hungry mosquitoes. If treated with insecticide, the effectiveness of nets is greatly improved.

Mosquito Nets, which are not treated and therefore not as effective, can be purchased for \$1 per net.

a) **\$500,000.-**

Insecticide treated bed nets, which are far more effective, cost \$6 each.

b) **\$3,000,000.-**

**The total 6 month budget for the Spirulina Program covering half a million people is \$11,191,200.- in total.**

## **ANNEX: IIMSAM AT A GLANCE:**

Accredited as an Inter-governmental Observer to the United Nations Economic and Social Council (Under ECOSOC Resolution 212/2003 5th of March 2003). IIMSAM is an Autonomous Inter-Governmental Treaty Organisation mandated by an International Convention Agreement to disseminate Spirulina as an instrument in fighting severe malnutrition worldwide. IIMSAM is registered under the United Nations Treaty Series No. 37542-37543, dated 12th June 2001; in accordance with the Article 102 of the Charter of the United Nations. IIMSAM has Regional Hub Offices: In Mexico, Uruguay, UAE and maintains its Headquarters in New York, U.S.A.

IIMSAM is also an Intergovernmental Treaty Organisation Observer in MERCOSUR/Mercosul (Spanish: Mercado Común del Sur, Portuguese: Mercado Comum do Sul, Guarani: Ñemby Ñemuha, English: Common Southern Market) is an economic and political agreement among Argentina, Brazil, Paraguay and Uruguay, Venezuela.

Currently the following countries have associate member status: Bolivia, Chile, Colombia, Ecuador and Peru Founded in 1991 by the Treaty of Asunción, which was later amended and updated by the 1994 Treaty of Ouro Preto. Its purpose is to promote free trade and the fluid movement of goods, people, and currency. The official languages are Portuguese, Guarani and Spanish.

### **OVER 1.5 MILLION BENEFICIARIES HAVE BEEN SERVED UNDER THE IIMSAM SPIRULINA DISTRIBUTION PROGRAMMES ACROSS THE WORLD IN THE FIGHT AGAINST ACUTE MALNUTRITION AND HUNGER: U.N.-MDGs #1**

IIMSAM recognizes that hunger and malnutrition are a major impediment to sustainable development, and reaffirming that reducing hunger is a primary target of the United Nations Millennium Development Goals #1.

IIMSAM also takes part in Emergency Relief Efforts Worldwide and has **“His Royal Highness Sheikh Zayed Bin Sultan Al Nahyan Spirulina Feeding Centre”** in Kisumu, Kenya which has saved thousands of deprived lives suffering from malnutrition and other illnesses since its inception in 2009.

### **IIMSAM and its Strategic Partner the Government of the State of Chiapas, Mexico have implemented a first of its kind Statewide Official Spirulina Food Fortifying Nutritional Programme with a monthly outreach of almost 300,000 deprived persons who benefit from Spirulina nutritional values since May 2011.**

IIMSAM has conducted Emergency Rescue Missions with its Strategic-Partners: **In (2011 Somalia), (2010-Haiti) (2008-China).**



IIMSAM also conducted Heath Spirulina Clinics Awareness Seminars: In 2009-10-11 (Kenya) (2011-India,) (2010-11/Mexico,) (2008 U.N. Headquarters in N.Y. USA. (Sponsored by the Permanent Mission of Argentina to the United Nations.)

IIMSAM Has its **Principal Extraordinaire Goodwill Ambassadors (Ruling Royal Families Members in GCC Region):** H.R.H. Shaikha Roda Bint Zayed Al Nahyan, (U.A.E.) H.R.H. Princess Basma Bint Talal (Jordan) & H.R.H. Sheikha Fariha Al-Ahmed Al-Jaber Al-Sabah (Kuwait).

Selected Goodwill Ambassadors across the world: **Mama Sara Obama & Saidi Obama in the Republic of Kenya Respective Grandmother and Uncle of U.S. President Barack Obama, Football Legend from Argentina Diego Armando Maradona, Presently Head Coach of Al Wals F.C. (Dubai), Carolina Herrera Iconic Fashion Designer U.S./Venezuela, Singing GCC Icon, Hussain Al Jassmi, Ahmed Al Rayaysa Emerati/GCC Icon Fashion Designer, Elissa Lebanon, Singing Icon, Monica Seles, U.S./Serbia Int'l-Tennis Icon, Emmanuel Legendary Singing Icon from Mexico.**

Prominent VIP Personalities: Such as **Dr. Adolfo Pérez Esquivel,(Argentina) Nobel Peace Prize Recipient 1980, Mr. Tushar Gandhi, (India) Peace Activist (Great-Grandson of the Legendary Mahatma Gandhi) and others from all walks of life who have contributed in the Institutional Development of IIMSAM.**

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<b>Support IIMSAM Support LIFE!</b>	<b>¡Apoya IIMSAM Apoya Vida!</b>
<b>Soutenez IIMSAM Soutenez LA VIE!</b>	<b>مركز أدعم IIMSAM !الحياة أدعم</b>