

Resilience and the Nutrition new Dimension : solutions for a "Critical Crossroads" in FOOD NUTRITION SECURITY.

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<http://www.eurosportello.eu/.../files/nutra-africa.pdf>

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Producing enough food does not necessarily result in reducing food insecurity. The effective challenge is nowadays to gain access not only to the quantity of food eating but to a better nutritional quality for sustainable food nutrition security (FNS) .

The contemporary crisis has an deep roots in FNS that is caused not by a global lack of food, but by a deterioration in the access to food of sufficient nutritional quality especially for the world's most vulnerable people as is more evidenced in Africa.

As a matter of facts universal FNS is critical – it underpins water scarcity malnutrition , health prevention , poverty reduction, environment sustainability ,political stability, social welfare and economic growth. To achieve FNS , Agro-food intensification and innovation pathways must be furthered. A great effort need in order to enhancing crisis response may be focused to get solution to the resilience-challenge concerning FOOD,FUEL,FINANCE Model for Investing in Agricultural Growth. (1)

There is a burgeoning demand for enriched nutritional properties of food as population increases and in particular about diets and life style change both in and emerging countries in the world .

As countries grow richer, it will be impossible to sustain an increasing demand of traditional food and in particular for meat. This because this kind of animal production has puts escalating pressure on all natural resources, including the continuous decrease of biodiversity in the land and oceans. Besides decades of intensive cropping have degraded fertile land and depleted groundwater, provoked pest upsurges, eroded biodiversity, and polluted air, soil and water.

So that if we would support the future development of FNS and in particular we like to get a best support Africa sustainable grow we need to develop a project as well as NUTRA-AFRICA that is focused on the resilience between Agriculture pathways innovation and nutritional fortification of food focused on health prevention.

The project NUTRA-AFRICA is aiming to increase the impact of EU/AFRICA development cooperation, emphasis is placed on support the Horizon 2020 strategy based on the EU Agenda for Change for meet these FNS challenges, So that the main goal of NUTRA-AFRICA project will be focused on favoring an inclusive and sustainable growth in AGRO-FOOD sectors that have a strong multiplier impact on developing countries' economies in Africa , and which, at the same time, to offer strong opportunities in protecting environment degradation by enhancing new pathways of innovation to key sectors in Agro Food quality of production in favor of the most vulnerable populations.

In particular NUTRA-AFRICA project will support he STRATEGY HORIZON 2020 to favor the development of an EU –Africa international perspective launched by the Commission December 11, 2012 , for smart , sustainable and inclusive and supportive. These general objectives are the basis of the concepts proposed by the project NUTRA-AFRICA - that is committed to acting with a supporting activities to facilitate a sustainable "Future of Agriculture in Africa, since the year 2014 it is proposed by the African Union as " The Year of Agriculture and Food Security in Africa. "

In that challenge assumes a great importance the changes in climate that are the first sign of the effects of the obsolescence of the model of industrial development, and this is leading today to reflect on the worldwide need of a deep change of strategic development able to revive the bio-economy in agriculture in order to strengthen the capacity of the planet in supporting world hunger and ensure food security .

The main challenges facing contemporary agriculture in the world are:

1) the pollution of environment and climate change, and 2) the growth of the world population .

To address these fundamental challenges , it becomes more and more obvious that the dominant agro-food system of industrial production , consumer's marketing oriented , will not be more sustainable .It is no longer acceptable in fact a pollution that causes irreversible and continuous environmental damage provoking an excessive loss of biodiversity of the living system and finally an increase in diseases such as cancer caused by environmental pollution and degradation.

So it is obvious that NUTRA-AFRICA project would help in promoting the contemporary need to profoundly change the absurd consumption of goods and energy , which become highly expensive in terms of disasters generated by global warming and illness for humans and animals.

To give a feasible solution to these major challenges will be necessary in a first instance to encourage a profound cultural change that is primarily concerned with the future development of bio-economy in agriculture, which will have to be oriented in response to the pressing needs of a sustainability of eco-economy through enhancing an improved safety and nutritional quality of food for a better prevention of health care .

The above will be possible to obtain , through creative development of food nutrition security that will be able to propose new modes of intensification in contemporary agribusiness. Thus, for example, will be useful to foster a " precision farming " which does not pursue the outdated models of agriculture , through industrial extensive production, based on the use of mechanical systems. The transformation of agriculture in this sense will be decisive in order to reduce costs in terms of waste accumulation and excessive energy consumption, and in particular will be useful to decrease CO2 emissions , and so on .

In addition a creative nutritional plan will be necessary to resort to new developmental opportunities based on functional foods and nutraceuticals and to advance in the fortification of traditional foods , so that may be possible a deep change of the habits of malnutrition that are caused both for different reasons by the lack of food and the 'abundance of food

In conclusion , the NUTRAFRICA Project will promote THINKING GREEN as mode 'of underpinning the project , which aims to highlight the priority environmental renew the agro - food production , preserve the biodiversity of life on earth and oceans all through the creation and sharing of new creative knowledge appropriated to improve the skill levels of management strategies for intensification of development Agro -food industry both in Africa and in Europe. (2)

- (1))(see : CHAOS MANAGEMENT N° 86//2014 .in :<http://www.caosmanagement.it/109-the-nutra-africa-project>).
- (2) See the BLOG: http://www.future-agricultures.org/blog/entry/influencing-caadp-on-food-and-nutrition-security#.Uz6wiKh_tAo ;

