



## LAUDATO SI'

CONGRESO INTERNACIONAL  
DE ECOLOGÍA INTEGRAL Y MEDIO AMBIENTE

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### 2.2 Sustainability of the Alimentary System

The daily act of eating, of feeding ourselves, is a very important set of the relationships between humans and their physical and human environment. It is, therefore, an essentially ecological act. The way you obtain, produce and process foods have an impact on everyone's health, the environment and equity and social justice, among other issues, so it is necessary to promote an honest debate among scientists, experts and society at large to address issues such as:

- Food system sustainability, that is the food production for a growing population without destroying irreversibly the crop fields, biodiversity, or contaminate water and air.
- The impact of modern food and new eating habits on our health, that is on obesity, malnutrition, type II diabetes and cancer, to name a few diseases associated with food.
- The mismatch that sometimes occurs between the actual nutritional needs of people and the food supply of the manufacturing industry and distribution or food markets and of the future too.
- The importance that the production of local food has for the development of rural populations, especially in third world countries.
- The urgent need to address the huge amounts of food wasted as discard in the field, by-products in the industries or household and restoration waste.
- The use of new food production technologies such as bioengineering or cell cultures, among others.
- And the climate change impact on food production and feeding, particularly in the most disadvantaged populations.