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ELECTRONIC FOOD (E-FOOD) ISSUES AND TRENDS

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Electronic Food (E-Food) deals with the use of Information and
Communication Technologies (ICTs) as a mean that supports and
coordinates actions for food production, manufacture and safety. E-food
involves the conceptualization, design, development, evaluation and
application of innovative ways of use of Information and Communication
Technologies (ICTs) with primary focus on food sector. It provides all
the required information for food including farming, marketing,
environment, learning, laws, specialists, scientists, consumers and
technology (including automation). It covers the fields of food safety,
health, proper treatment of animals and crops and food refining,
manufacture and handling. It is able to offer data that can be used for
actions and key declarations focused on future strategies in the field of
food production and manufacture. It could also assist food sector
stakeholders to create communities for ideas exchange, experiences,
good practices and resources related to E-Food and this approach will
assist the knowledge created to be effectively shared and globally used.
It is widely accepted in the scientific community that ICTs consist part of
food development, production and manufacturing but still there are not
clear borders between e-food and other e-scientific disciplines in which
it intersects. This paper deals with E-Food issues and trends and shows
that E-food is a separate application-sector of ICTs for food production,
manufacturing and safety.

Keywords: ICTs and food technology, electronic food (e-food), food
technology

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