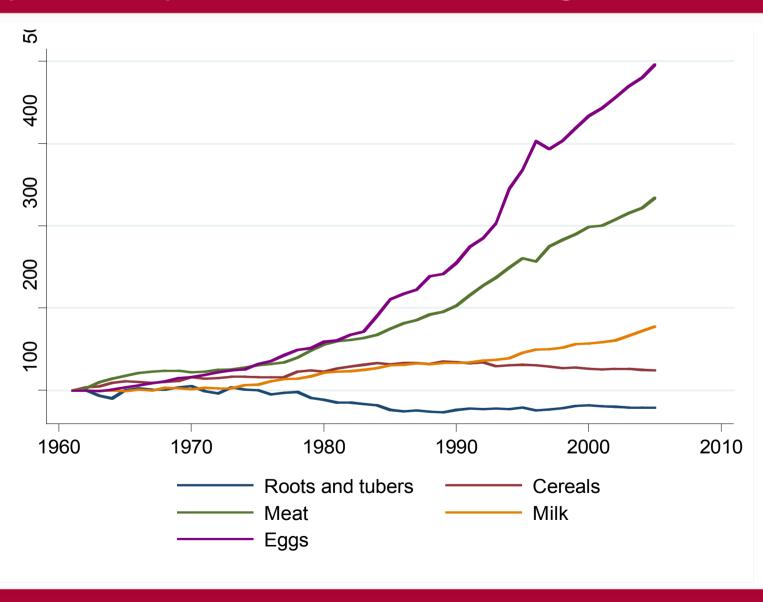


Feed safety: an overview and the FAO programme for capacity development

Daniela Battaglia
Animal Production and Health Division

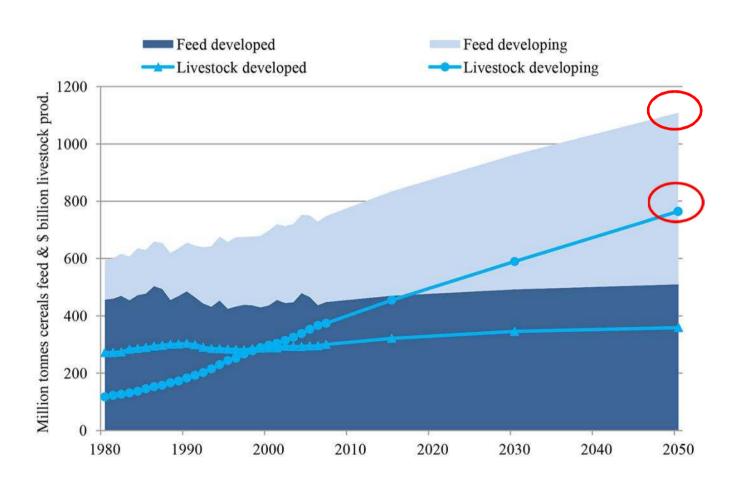


Consumption of product of animal origin





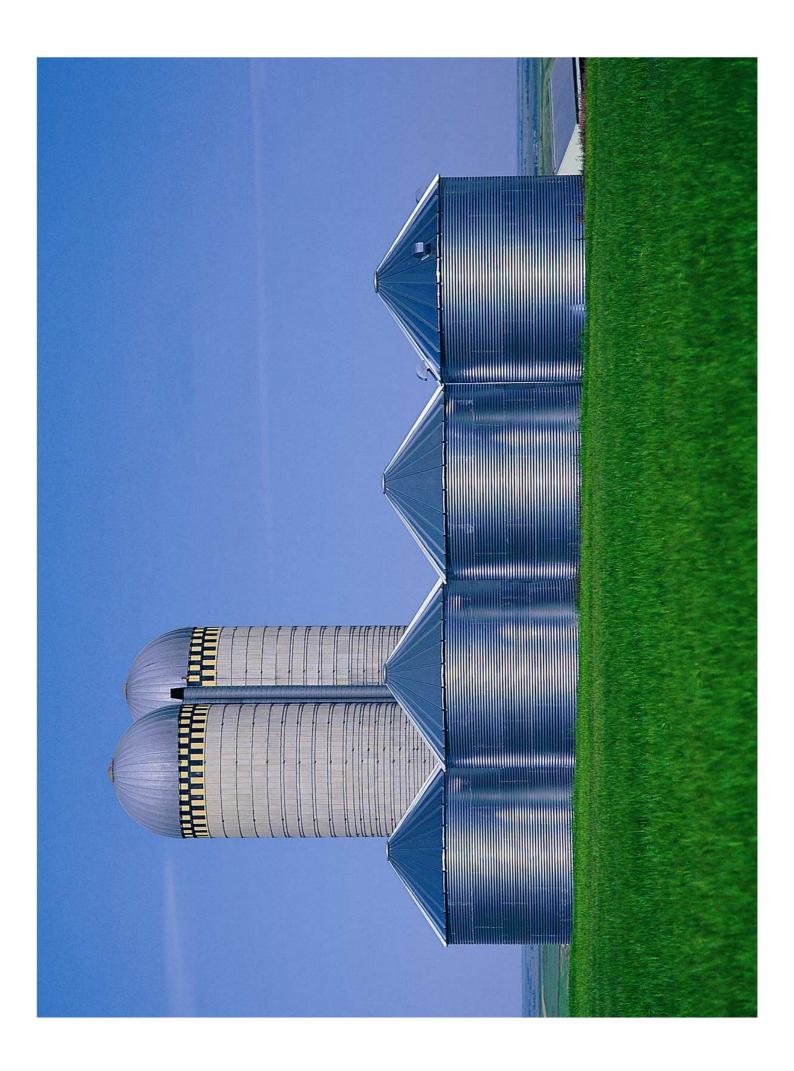
Cereals feed and livestock production



Source FAO, World agriculture towards 2030/2050: the 2012 revision



Animal feed production makes a significant contribution to the global food industry, enabling the production of animal proteins throughout the world. Addressing the safety of feed is of foremost importance if safe food of animal origin has to be produced.



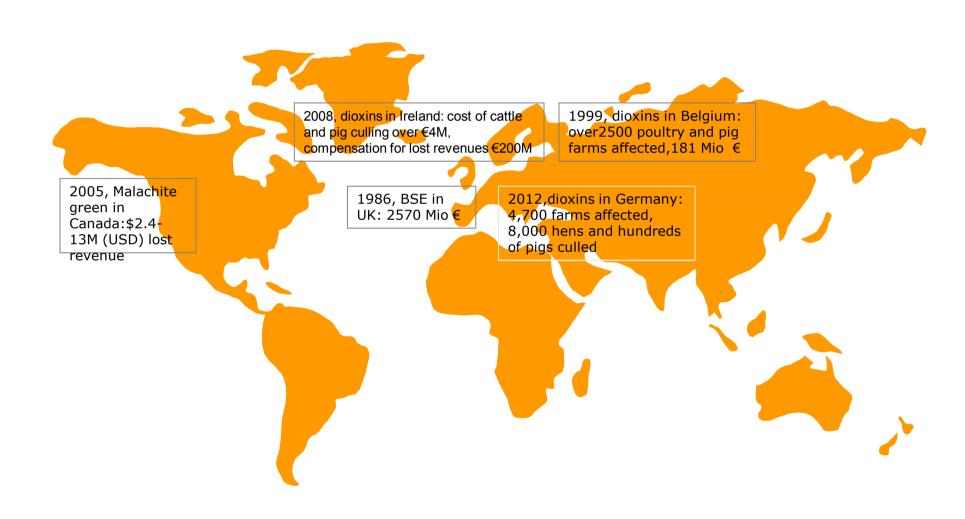


- a prerequisite for food safety and human health (feed handlers and consumers)
- a necessity for animal health and welfare
- a component of access to trade, income generation and economic sustainability
- a contribution to feed and food security and to the reduction and feed and food losses



- Bovine Spongiform Encephalopathy in EU, Japan, Israel, USA, etc.
- Foot and mouth disease in UK, the Netherlands, etc.
- Dairy, eggs and poultry contaminated and dioxins and PCBs in Belgium and Countries
- Pork and its products with the one in Ireland
- Milk and dairy with at axis in Europe
- E.coli O157: 17 in Canad Japan
- Listerios in Cara France
- Concernate the development of antimicrobial resistance









- Ions and elements: As, Cd, Pb, Hg, Nitrites
- Persistent organic pollutants (POP): dioxins and non-dioxin-like PCBs
- Polybrominated & perfluorinated substances
- Natural plant toxins and plant metabolites:
 saponines, glucosinolates, alkaloids, polyphenols, etc.
- Mycotoxins: AFB₁, DON, FB, ZEN, OTA, Ergot, etc.
- Botanical impurities: Datura, Castor oil, Crotolaria, Madhuca, a.o.
- Miscellaneous: Radionuclides, Melamine, ambrosia, glycerin, etc.



Developing Capacities, current FAO activities and beyond



- Provision of scientific information
- Advocacy and awareness raising
- Facilitation of multi-stakeholder dialogue
- Development of strong, effective partnerships
- Institutional development
- Dissemination of information
- Support to the implementation of Codex recommendations: upgrading of legislation, manuals, technical support and training



Animal Feed Impact on Food Safety

FAO/WHO Expert Meeting
FAO Headquarters (Rome), 8 - 12 October 2007



FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS for a world without hunger

Animal Production and Health Division

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Feed and Food Safety

ersions (if available). Please find below all the documents related to Feed and Food Safety Documents in English language are flagged. Titles in blue are linked

Title Toxicological and Health Aspect (C) Hearing and Cyanuric Acid (C) La larga sombre del Architect (C) Hearing and Cyanuric Acid (C) Brucellesis in third and Health Aspect (C) Hearing and Cyanuric Acid (C) Brucellesis in third and Health Aspect (C) Hearing and Cyanuric Acid (C) Animal (C) Animal (C) Cyanuric Acid (C) Animal		PDF		B	ß				Ē
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Abattoir Development (Asia region)

Meat Processing Technology Rapport sur l'élevage 2006

Important Antimicrobials

Informe pecuario 2006

Diagnostic Techniques for Transmissible Spongiform

Encephalopathies

aliments de rue en Afrique

2007



FAO/WHO Expert Meeting

FAO Headquarters (Rome), 8 - 12 October 2007





Hazards associated with conventional, novel and unconventional feed, feed ingredients and feed production processes

FAO/WHO Expert Meeting
FAO Headquarters (Rome), May 2015



FAO/IFIF Manual of Good Practices for the Feed Industry



Manual of Good Practices for the Feed Industry





STORIES FROM A SUCCESSFUL COLLABORATION WITH THE FEED SECTOR







FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS helping to build a world without hunger

Technical Cooperation Department

Technical Cooperation Programme



TCP at work

Saouma Award









search



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Sey publications

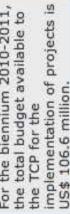
TCP Manual - Managing the Decentralized TCP (December 2009)

(English) (1.2 Mb)



(Russian) (1 Mb)

For the biennium 2010-2011, the TCP for the





Programme gives support to pump to irrigate crops. The A woman works a treadle Technical Cooperation

The Technical Cooperation Programme (TCP) was launched in 1976 and is a part of FAO's Regular Programme, financed from the assessed contributions of its Members.

TCP Facility

Eligibility

- Home

& criteria

fisheries, forestry and rural livelihood that prevent Member countries, These projects address technical problems in the field of agriculture, action that pertain to FAO's mandate and competence and which are Member countries through targeted, short term, catalytic projects. development programmes. The TCP may be used in all areas of The Programme aims to provide FAO's technical expertise to its either individually or collectively, from implementing their covered by the Organization's Strategic Framework. TCP projects should produce tangible and immediate results in a costeffective manner. They support improved food security and poverty

Contact Us

FAQ.

Statistics

* Partners

The TCP is one of FAO's tools for contributing to the achievement of alleviation, and should catalyse long-term development changes.

the UN Millennium Development Goals and particularly the goal of eradicating extreme poverty and hunger.

Since its creation in 1976, the TCP has funded projects worth more than US\$ 1.3 billion as at 31 December 2009.

Country Offices (for more information see the FAO section of this Web FAO's decentralized offices. Thus, the responsibilities for the tasks of Up to December 2009, the TCP was managed by the FAO's Technical (TCOT). In January 2010, a large share of the responsibility for TCP Cooperation (TC) Department and coordinated by the TCP Service management was transferred from the FAO's headquarters to the Cooperation (TC) Department, FAO's Regional, Subregional and the decentralized TCP process are shared among the Technical

Making agricultural investments more effective for rural people

Effective agriculture and rural development investments are those that result in sustained food security and reduced poverty. This is our mission.

is to bring FAO's knowledge to bear on each step of the investment process. We help developing and in-transition countries national capacities and design specific investment programmes and projects intended to bring the greatest environmental, increase the efficacy and flow of external, domestic and private investments to agriculture and rural development. Our role social and economic benefits to the lives of rural people. We assist countries in promoting their agricultural sector not only invest with the long-term picture in mind, create synergies between investment programmes, define and strengthen The FAO Investment Centre works in partnership with countries and both public and private financial institutions to for purposes of economic development, but also to meet the health and nutrition needs of their citizens.

Our work is country-focused. It involves collaboration in the field with national counterparts in government ministria. financing institutions, the private sector, the donor community and other UN entities, as well as with the interbeneficiaries of agricultural and rural development investment, especially small-scale farmers, who the world's biggest investors in agriculture.

Upstream

Upstream work serves the development of national agriculture and rural development investment of grant informs the criteria and rationale used food it is not not be a nationale used food it is not not a national agriculture and rural development. It is not not not a national agriculture and rural development investment can provide the grants, benefit,

investment programme or project. The Investment Centre's purpose is to design programmes and projects that are: in accord with national investment priorities for agriculture and rural development; technically sound and the best of alternatives; attractive to intended beneficiaries; operationally and managerially workable; economically and financially viable; sustainable and environmentally sound.

Downstream work includes:

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Upstream work includes:

Capacity Development



The Investment Centre seeks to strengthen the capacities of public and private sector organisations to plan, implement and enhance the sustainability of their own agriculture and rural development investment operations.

We do this especially by working with local counterparts to transfer skills through on-the-job training. Best practices are promoted, building on lessons



Food and Agriculture Organization of the United Nations



Multi-stakeholder Partnership Programme for Capacity Development for Feed Safety



To develop the capacities of the relevant stakeholders to ensure the production and supply of safe feed.

Improved safety of feed, and thus enhanced food safety and public health, animal health and welfare and food security.



Government services, livestock and feed producers, food producers and retailers, non-governmental organizations, academia and research centres, financial institutions, actors active along the feed/food value chain.

The programme will also promote partnerships and exchange among all relevant stakeholders of data and information, technical expertise and research results.



- Stocktake of relevant projects/activities
- Develop risk assessment tools
- Prepare a manual on risk assessment procedure and on hazards prioritization
- Train on good manufacturing practice
- Prepare a manual on HACCP application to feed production
- Develop database of feed hazards
- Gather information on emerging toxins, analytical methods, new identification methods



- Join us for the 8th International Feed Regulators Meeting, Atlanta, USA, January 2015
- Respond to the Expert Meeting call for experts and data, January 2015
- Contact us if interested in participating in the Multi-stakeholder Programme for Capacity Development
- Attend 5th Global Feed and Food Congress, Antalya, Turkey 2016



- FAO web site on Animal Production and Health: www.fao.org/ag/aga.html
- subscribe to the FAO mailing list on Animal Nutrition and Feeding
- contact: daniela.battaglia@fao.org

