

FDE 418
FOOD QUALITY CONTROL
LESSON-14

Prof. Dr. Kezban Candoğan

E-mail: candogan@eng.ankara.edu.tr,
kcandog@hotmail.com

Phone: 2033300 (3647 ext.)

National and International Legislation on Food Quality

Codex Alimentarius Commission

- ✓ The Codex Alimentarius or "Food Code" established by FAO and the World Health Organization
- ✓ The main purpose;
 - ✓ to protect consumer health
 - ✓ to promote fair practices in food trade

Codex Alimentarius Commission

General Subject Committees

<u>CCCF</u>	Codex Committee on Contaminants in Foods
<u>CCFA</u>	Codex Committee on Food Additives
<u>CCFH</u>	Codex Committee on Food Hygiene
<u>CCFICS</u>	Codex Committee on Food Import and Export Inspection and Certification Systems
<u>CCFL</u>	Codex Committee on Food Labelling
<u>CCGP</u>	Codex Committee on General Principles
<u>CCMAS</u>	Codex Committee on Methods of Analysis and Sampling
<u>CCNFSDU</u>	Codex Committee on Nutrition and Foods for Special Dietary Uses
<u>CCPR</u>	Codex Committee on Pesticide Residues
<u>CCRVDF</u>	Codex Committee on Residues of Veterinary Drugs in Foods

Codex Alimentarius Commission

Commodity Committees

[CCCPL](#)

Codex Committee on Cereals, Pulses and Legumes

[CCFFP](#)

Codex Committee on Fish and Fishery Products

[CCFFV](#)

Codex Committee on Fresh Fruits and Vegetables

[CCFO](#)

Codex Committee on Fats and Oils

[CCPFV](#)

Codex Committee on Processed Fruits and Vegetables

[CCS](#)

Codex Committee on Sugars

[CCSCH](#)

Codex Committee on Spices and Culinary Herbs

Legislation - European

- ✓ **EU General Food Regulation EC 178/2002 of European Parliament**
 - Food and animal feed safety, Food presentation, Food fraud, Traceability
 - Regulation laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety



Legislation - European

- ✓ **Food Control Regulation 882/2004**
 - Eliminate risk, permit fair trade, protect consumer interests
 - Definitions, official control tasks, training of officials
 - Official controls performed to ensure the verification of compliance with feed and food law, animal health and animal welfare rules
- ✓ Food Control Regulation 882/2004 was recently reviewed and replaced by the Official Controls Regulation (EU) 2017/625

Legislation - European

Official Controls Regulation (EU) 2017/625

- ✓ The aim for replacement:
- ✓ Harmonizing, unifying and rationalizing the regulatory framework of the entire agri-food chain
- ✓ The Regulation (EU) 2017/625 widens the field of application to the following sectors:
 - Plant health
 - Trade and use of protected plant products,
 - Organic production
 - Use and labeling of Protected Designations of Origin or Protected Geographical Indications-Traditional Speciality Guaranteed

Legislation-Turkey

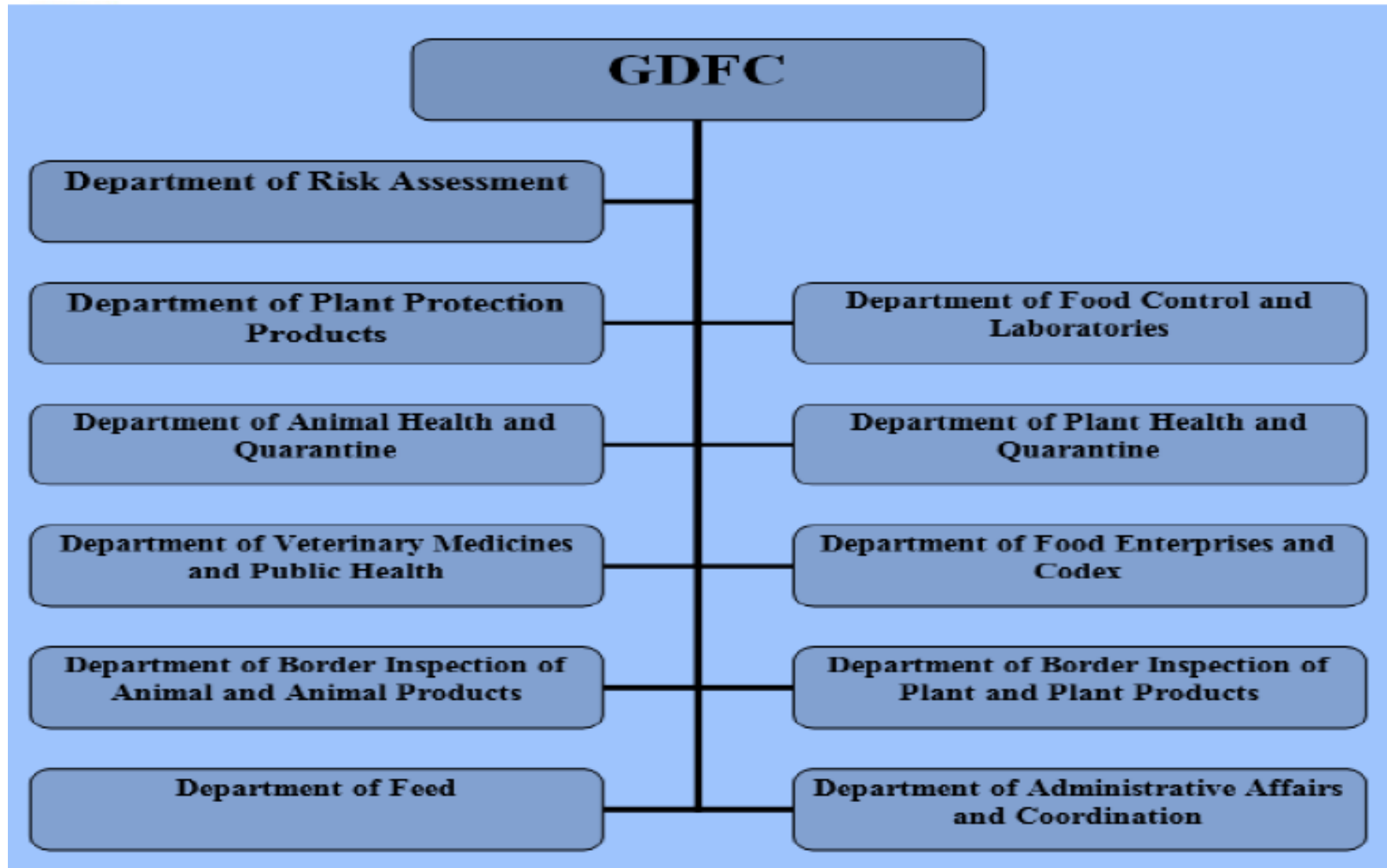
MINISTRY OF AGRICULTURE & FORESTRY

- ✓ Main policy: assurance of high level protection of human health and consumers' interest
- ✓ The competent authority in the fields of;
 - ✓ food safety, veterinary and phytosanitary
 - ✓ responsible for developing policy, legislation and the enforcement for food and feed safety, animal health, animal welfare and plant health in Turkey

Legislation-Turkey

- ✓ **The Codex Contact Point in Turkey** is General Directorate of Food and Control (GDFC) under Ministry of Agriculture and Forestry
- ✓ General Directorate of Food and Control is the main directorate of the Ministry in charge of food safety, phytosanitary, veterinary and feed safety

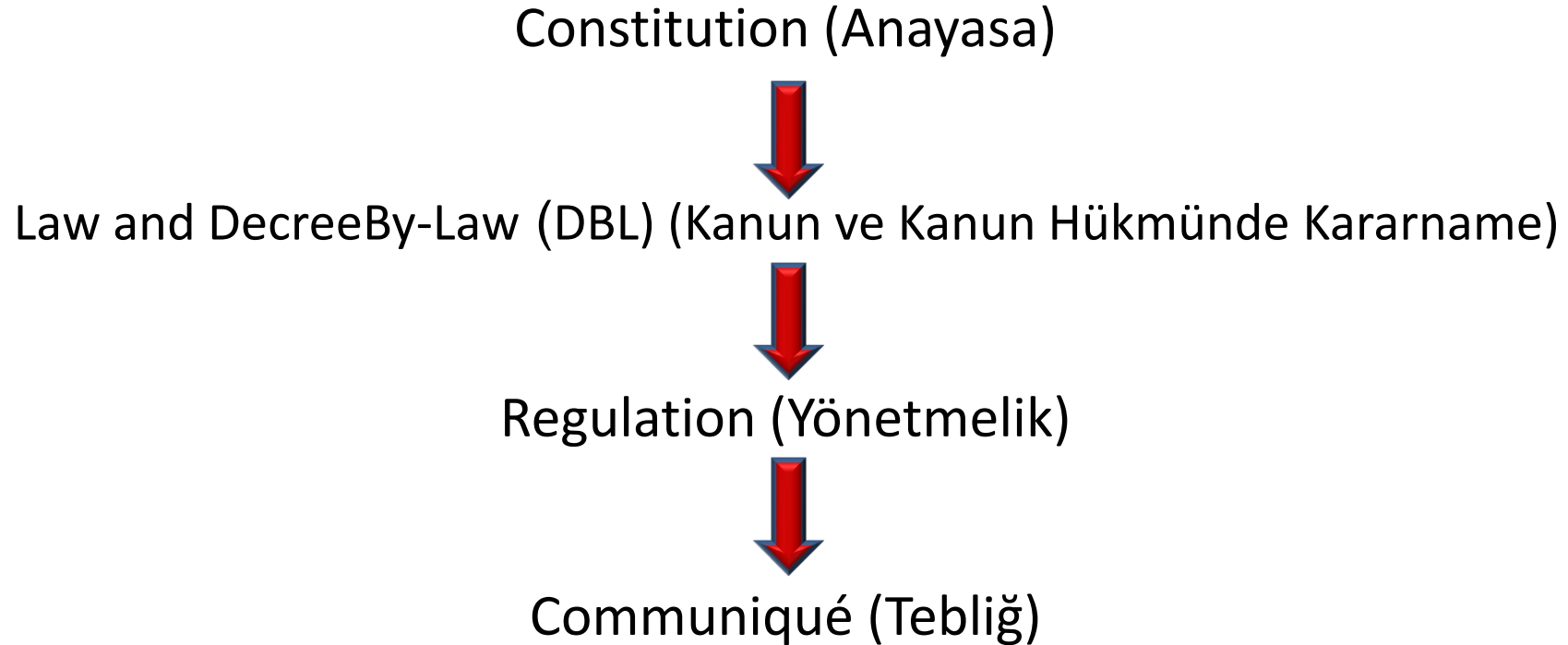
General Directorate of Food and Control



Main Tasks

Horizontal Sub-Committees	Vertical Sub-Committees
<i>Food additives</i>	<i>Alcoholic drinks</i>
<i>Methods of sampling and analysis</i>	<i>Non-alcoholic beverages</i>
<i>Foods for special dietary uses</i>	<i>Processed Fruits and vegetables</i>
<i>Pesticide residues</i>	<i>Coffee and chicory</i>
<i>Food contact materials</i>	<i>Cocoa products and chocolate</i>
<i>Flavourings</i>	<i>Fats and Oils</i>
<i>Food Labelling</i>	<i>Milk and milk products</i>
<i>Novel foods</i>	<i>Sugar and products</i>
<i>Contaminants</i>	<i>Cereals-legumes and products</i>
<i>Veterinary drugs and residues</i>	<i>Salt</i>
<i>Food hygiene and microbiology</i>	<i>Spices</i>
	<i>Honey</i>
	<i>Tea</i>
	<i>Meat and meat products</i>
	<i>Traditional foodstuffs</i>
	<i>Quick frozen foodstuffs</i>
	<i>Egg and egg products</i>

The hierarchy of elements of Turkish food legislation



Legislation-Turkey

- ✓ Law on Veterinary Services, Phytosanitary, Food and Feed (No 5996)
- ✓ Law No. 5996 is almost fully harmonized with the EU General Food Law (Regulation No. 178/2002) and “Hygiene Package”
- ✓ The main responsibility for food safety belongs to Ministry of Agriculture and Forestry
- ✓ *The Ministry of Health* also undertakes responsibilities with regard to food safety due to its tasks such as protection and improvement of public health, reduction of the risks of diseases and their prevention
 - ✓ Due to the Law 5996, water, food supplements and dietary food for special medical purposes are also under the responsibility of the Ministry of Health.

Ethics in Food Quality Assurance

Ethics in quality assurance

- ✓ Ethics refers to the ***values, principles and codes*** by which people live
- ✓ If food safety and quality standards are implemented with lack of ethics, it is not possible to guarantee food safety.
- ✓ Influence of people by their behavior, decisions, work attitude
 - fraudulent or deceptive practices
 - the adulteration of food
 - any other practices which may mislead the consumer

Ethics and quality

- ✓ Food ethics should be a tool for decision making within the food industry, for the benefit of people and society, and the food industry itself.
- ✓ Without ethics and ethical behaviour nothing can work.

Ethics in quality assurance

The main food crimes;

- Blackmail
- Contamination
- Grievous bodily harm
- Vandalism
- Cannibalism
- Pillage
- Fraud

Ethics in quality assurance

CODE OF ETHICS

- ✓ The main purpose of codes is to show the correct behavior
- ✓ In the area of food there are many codes of ethics
- ✓ Very often food producers publish their own codes of ethics in food

Ethics in quality assurance

CODE OF ETHICS

- ✓ The code of ethics in food should include:
 - production of safe food
 - production the high value food
 - honest information to consumers
 - perform under the professional standards in business
 - continuous development
 - sustainability

Ethics in quality assurance

- ✓ IFST (Institute of Food Science and Technology) Professional Conduct & Professional Conduct Guidelines (guideline No. 1. Wholesomeness of food) – the aspects involved in wholesomeness are:
 - ✓ consumer satisfaction
 - ✓ compositional standards
 - ✓ hygienic condition of manufacture storage and handling
 - ✓ absence of injury to health
 - ✓ nutrition value
 - ✓ nutrition comparison



Certification

For Candidates

Eligibility

Prepare for the exam

Application & Fees

Professional Code of Ethics

For Employers

I'm a CFS

Recertification

About the International Food Science Certification Commission

Home > Certification > For Candidates > Professional Code of Ethics

Professional Code of Ethics

Both CFS credential holders and candidates will be asked to uphold a Professional Code of Ethics, which establishes professional conduct standards and minimal ethical behavior requirements. As a CFS or CFS candidate, you shall:

- Perform your duties with objectivity, due diligence, and professional care.
- Strive for continuous learning and comply with recertification requirements.
- Be truthful, accurate, and complete with all information provided as part of the certification and recertification process.
- Maintain confidentiality and security of certification examination information and materials.
- Cooperate with International Food Science Certification Commission concerning ethics inquiries.
- Report personal conduct that may violate this Code of Ethics to the International Food Science Certification Commission in a timely manner

Ethics in quality assurance

- ✓ NOTHING WITHOUT ETHICS AND ETHICAL BEHAVIOR CAN WORK !!!