

# 5° WORKSHOP DEI LABORATORI NAZIONALI DEL CONTROLLO UFFICIALE OGM

**21-22 Maggio 2013**

**Ministero della Salute, Via Giorgio Ribotta, 5  
SALA TURINA**

Ugo  
Marchesi

## FAO GM Foods Platform



**Centro di Referenza Nazionale per la ricerca di OGM**  
**National Reference Laboratory for GM food and feed, Italy**



**Istituto Zooprofilattico Sperimentale delle Regioni Lazio e Toscana**

## Development (revision) of the “FAO GM FOODS PLATFORM (tentative title)”

### Objective

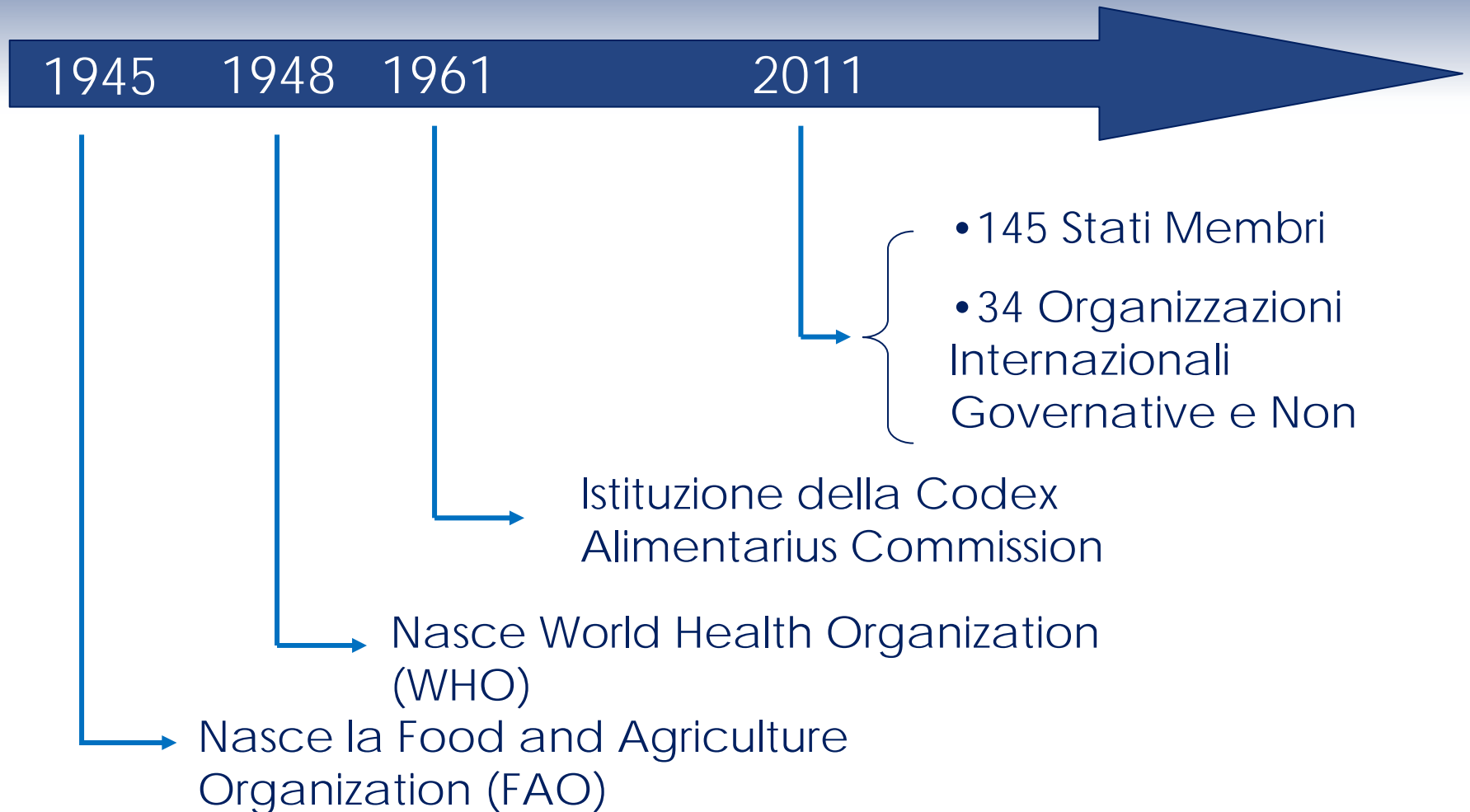
To establish and maintain a user-friendly simple platform to address the needs and agreements reached at the 7<sup>th</sup> session of Codex Task Force on Biotechnology and the 31<sup>st</sup> session of Codex Alimentarius Commission (2008). (See more details on the request from Codex in the Annex on the last page)

### Activities and timelines

No	Activities	Initiate on	Due date
1	Develop a mock-up web interface	15 July 2012	31 Jan 2013
2	Determine the title of the website	1 Dec 2012	31 Dec 2012
3	Confirm the scope, content and function of the platform with the network members	1 Jan 2013	15 Jan 2013
4	Continue discussions with the network on website functions, revise the website accordingly	15 Jan 2013	15 Feb 2013
5	Develop and finalize the first prototype	1 Jan 2013	28 Feb 2013
6	Circulate the link of the website to the network for feedback and revise the platform according to the feedback	1 Mar 2013	31 Mar 2013



# Un po' di Storia del CODEX ALIMENTARIUS





# Mandato



## Ad Hoc Intergovernmental Task Force on Food Derived from Biotechnology



<http://www.codexalimentarius.org>

<a href="#">CCRVD</a>	Codex Committee on Residues of Veterinary Drugs in Foods	Active
<b>Commodity Committees</b>		
<a href="#">CCCCPC</a>	Codex Committee on Cocoa Products and Chocolate	Adjourned sine die
<a href="#">CCCCPL</a>	Codex Committee on Cereals, Pulses and Legumes	Adjourned sine die
<a href="#">CCFFP</a>	Codex Committee on Fish and Fishery Products	Active
<a href="#">CCFFV</a>	Codex Committee on Fresh Fruits and Vegetables	Active
<a href="#">CCFO</a>	Codex Committee on Fats and Oils	Active
<a href="#">CCIE</a>	Codex Committee on Edible Ices	Abolished
<a href="#">CCM</a>	Codex Committee on Meat	Abolished
<a href="#">CCMMP</a>	Codex Committee on Milk and Milk Products	Adjourned sine die
<a href="#">CCMPH</a>	Codex Committee on Meat Hygiene	Adjourned sine die
<a href="#">CCNMW</a>	Codex Committee on Natural Mineral Waters	Adjourned sine die
<a href="#">CCPFV</a>	Codex Committee on Processed Fruits and Vegetables	Active
<a href="#">CCPMPP</a>	Codex Committee on Processed Meat and Poultry Products	Abolished
<a href="#">CCS</a>	Codex Committee on Sugars	Active
<a href="#">CCSB</a>	Codex Committee on Soups and Broths	Abolished
<a href="#">CCVP</a>	Codex Committee on Vegetable Proteins	Adjourned sine die
<b>ad hoc Intergovernmental Task Forces</b>		
<a href="#">CGECPMMP</a>	Joint FAO/WHO Committee of Government Experts on the Code of Principles Concerning Milk and Milk Products	Renamed and reestablished
<a href="#">GEFJ</a>	Joint ECE/Codex alimentarius groups of experts on standardization: Fruit Juices	Abolished
<a href="#">GEOFF</a>	Joint ECE/Codex alimentarius groups of experts on standardization: Quick Frozen Foods	Abolished
<a href="#">TFAF</a>	Ad Hoc Intergovernmental Task Force on Animal Feeding	Active
<a href="#">TFAMR</a>	Ad hoc Codex Intergovernmental Task Force on Antimicrobial Resistance	Dissolved
<a href="#">TFFBT</a>	Ad Hoc Intergovernmental Task Force on Food Derived from Biotechnology	Dissolved
<a href="#">TFFJ</a>	Ad Hoc Intergovernmental Task Force on Fruit and Vegetable Juices	Dissolved
<a href="#">TFPHQFF</a>	Ad hoc Codex Intergovernmental Task Force on the Processing and Handling of Quick Frozen Foods	Dissolved
<b>FAO/WHO Coordinating Committees</b>		
<a href="#">CCAFRICA</a>	FAO/WHO Coordinating Committee for Africa	Active
<a href="#">CCASIA</a>	FAO/WHO Coordinating Committee for Asia	Active
<a href="#">CCEURO</a>	FAO/WHO Coordinating Committee for Europe	Active
<a href="#">CCLAC</a>	FAO/WHO Coordinating Committee for Latin America and the Caribbean	Active



## **CODEX - Ad Hoc Intergovernmental Task Force on Food Derived from Biotechnology**

### **Terms of reference (2004-2008):**

- a. To elaborate standards, guidelines, or other principles, as appropriate, for foods derived from modern biotechnology, taking account, in particular, of the Principles for the Risk Analysis of Foods derived from Modern Biotechnology;**
- b. To coordinate and closely collaborate, as necessary, with appropriate Codex Committees within their mandate as relates to foods derived from modern biotechnology; and**
- c. To take account of existing work carried out by national authorities, FAO, WHO, other international organizations and other relevant international fora.**

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### List of Active Codex Committees

#### Ad Hoc Intergovernmental Task Force on Food Derived from Biotechnology (TFFBT)

Committee detail		Related Meetings		Related Standards
Session	Place	Date	Documents	
08	Chiba Japan	22/09/08 26/09/08	No documents available	
7	Chiba Japan	24/09/07 28/09/07	Agenda: ✓ ✓ ✓ ☐ ☐	Report: ✓ ✓ ✓ ☐ ☐
6	Chiba Japan	27/11/06 01/12/06	Agenda: ☐ ✓ ✓ ☐ ☐	Report: ✓ ✓ ✓ ☐ ☐
5	Chiba Japan	19/09/05 23/09/05	Agenda: ✓ ✓ ✓ ☐ ☐	Report: ✓ ✓ ✓ ☐ ☐



# Standards

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**C O D E X**  
International Food Standards

**A L I M E N T A R I U S**



World Health  
Organization



Food and Agriculture  
Organization of  
the United Nations

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### List of Active Codex Committees

#### Ad Hoc Intergovernmental Task Force on Food Derived from Biotechnology (TFFBT)

Committee detail		Related Meetings	Related Standards					
Reference	Title		EN	FR	ES	AR	ZH	RU
<a href="#">CAC/GL 44-2003</a>	Principles for the Risk Analysis of Foods Derived from Modern Biotechnology	2011	✓	✓	✓	✓	⊘	⊘
<a href="#">CAC/GL 45-2003</a>	Guideline for the Conduct of Food Safety Assessment of Foods Derived from Recombinant-DNA Plants	2008	✓	✓	✓	⊘	⊘	⊘
<a href="#">CAC/GL 46-2003</a>	Guideline for the Conduct of Food Safety Assessment of Foods Produced Using Recombinant-DNA Microorganisms	2003	✓	✓	✓	✓	⊘	✓
<a href="#">CAC/GL 68-2008</a>	Guideline for the Conduct of Food Safety Assessment of Foods Derived from Recombinant-DNA Animals	2008	✓	✓	✓	✓	⊘	⊘

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### GUIDELINE FOR THE CONDUCT OF FOOD SAFETY ASSESSMENT OF FOODS DERIVED FROM RECOMBINANT-DNA PLANTS

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*CAC/GL 45-2003*

#### SECTION 1 - SCOPE

1. This Guideline supports the Principles for the Risk Analysis of Foods Derived from Modern Biotechnology. It addresses safety and nutritional aspects of foods consisting of, or derived from, plants that have a history of safe use as sources of food, and that have been modified by modern biotechnology to exhibit new or altered expression of traits.
2. This document does not address animal feed or animals fed with the feed. This document also does not address environmental risks.
3. The Codex principles of risk analysis, particularly those for risk assessment, are primarily intended to apply to discrete chemical entities such as food additives and pesticide residues, or a specific chemical or microbial contaminant that have identifiable hazards and risks; they are not intended to apply to whole foods as such. Indeed, few foods have been assessed scientifically in a manner that would fully characterise all risks associated with the food. Further, many foods contain substances that would likely be found harmful if subjected to conventional approaches to safety testing. Thus, a more focused approach is required where the safety of a whole food is being considered.
4. This approach is based on the principle that the safety of foods derived from new plant varieties, including recombinant-DNA plants, is assessed relative to the conventional counterpart having a history of safe use, taking into





# Standards

## CODEX - Ad Hoc Intergovernmental Task Force on Food Derived from Biotechnology

### ALLEGATO 3 SEZIONE 3

#### SECTION 3 – GUIDANCE ON DATA AND INFORMATION SHARING


27. In order for Codex Members to use this Annex, it is essential that they have access to requisite data and information.

28. Codex Members should make available to a publicly accessible central database to be maintained by FAO information on recombinant-DNA plants authorized in accordance with the Codex Plant Guideline. This information should be presented in accordance with the following format:


- a. name of product applicant;
- b. summary of application;
- c. country of authorization;
- d. date of authorization;
- e. scope of authorization;
- f. unique identifier;
- g. links to the information on the same product in other databases maintained by relevant international organizations, as appropriate;
- h. summary of the safety assessment, which should be consistent with the framework of food safety assessment of the Codex Plant Guideline;
- i. where detection method protocols and appropriate reference material (non-viable, or in certain circumstances, viable) suitable for low-level situation may be obtained<sup>37</sup>; and
- j. contact details of the competent authority(s) responsible for the safety assessment and the product applicant.



# FAO GM Foods Platform



**Food and Agriculture  
Organization of the  
United Nations**  
*for a world without hunger*







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english

Food safety and quality

GM Foods Platform

     |  share

## FAO GM Foods Platform



### Welcome to the FAO GM Foods Platform

*A platform for all*

FAO GM Foods Platform is a simple online platform to share information on safety assessment of foods derived from recombinant-DNA plants authorized in accordance with the Codex Plant Guideline, entitled "Guideline for the conduct of food safety assessment of foods derived from recombinant-DNA plants (CAC/GL 45-2003, annex III adopted in 2008)". This Platform also facilitates the effective utilization of food safety assessment in situations of Low Level Presence (LLP) of r-DNA plant materials in food.

*How it works*

One Focal Point per Codex Member is officially nominated by the respective country through its Codex Contact Point. The nominated Focal Point is then invited to register to the Platform. Once his/her registration has been approved, the Focal Point can start uploading the relevant national data and information to the Platform. All the entries will be reviewed by FAO before they will be online.

All the data and information published online are open to public.

Start browsing

<http://www.fao.org/food/food-safety-quality/gm-foods-platform/en/>



Grazie

