The Role of National Food Safety Agencies in the Food Supply Chain

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FAO/IAEA Satellite event on:
“Food Control Systems and the Role of the Different Stakeholders in the Food Supply Chain” -
14th November 2014, Vienna, Austria
Creation of EFSA

- Succession of food scares (*e.g.* BSE, dioxins)
- Loss of consumer confidence in safety of food chain
- Damaged trust in public authorities

- Creation of agencies to handle food issues nationally
- Need to re-cast EU food safety system and policy
EFSA’s mission

The European Food Safety Authority is the keystone of EU risk assessment regarding food and feed safety.

It provides scientific advice and scientific and technical support for the Community's legislation and policies in all fields which have a direct or indirect impact on food and feed safety.

In close cooperation with national authorities and in open consultation with its stakeholders, EFSA provides independent scientific advice and clear communication on existing and emerging risks.
Main Tasks

- Provide scientific advice, opinions, information, and technical support for national legislation and policies
- Collect and analyse data to allow characterisation and monitoring of risks
- Promote and coordinate development of uniform risk assessment methodologies
- Coordinate or Communicate the risks related to food safety (depending on the Agency’s mandate)
Main Contributions of Food Quality and Safety Agencies

- Provide safe and healthy food to consumers
- Improve consumer confidence in food safety
- Improve confidence of trading partners in the supply chain
- Improve food safety
Chilean Food Quality and Safety Agency (ACHIPIA)
ACHIPIA’s mission

• To advise the government in food safety matters and to coordinate the activities of all the public services related to food safety.

ACHIPIA’s vision

• To become an integrative organism with a global and preventive focus of food processes that coordinates the National Food Safety System with effective response tools and scientific based information considering Chile’s real needs through the establishment of a strong network among all stakeholders related to food safety (public services, industry, academy and consumers).
ACHIPIA’s Board: interministerial coordination

Vice Ministers of:

Agriculture (CHAIR)
Health
Economy
Directorate of International Economic Affairs
Presidency delegate
GUEST: Livestock and Agriculture Director
GUEST: Public Health Institute Director
GUEST: National Fisheries and Aquaculture Service Director
National Food Control System: Chile Situation

Ministry of Agriculture
- Livestock, fruits and vegetables products target market compliance.

ACHIPIA
Coordination, articulation and Tracking.

Ministry of Health
- Domestic consumption
- Domestic Production
- Imports control

SAG

Ministry of Economy
- Fish and Fishery Products target market compliance

SERENAPESCA
POLÍTICA NACIONAL DE INOCUIDAD ALIMENTARIA
Agencia Chilena para la Calidad e Inocuidad Alimentaria - ACHIPA
2014
Food Safety and Quality Policy

Integrated institutionality

Enhancement of chain approach

Preventive control based on risk

Animal feed

Operator responsibility

Consumer protection

Risk communication and coordinated participation

Food Quality
PLAN DE ACCIÓN
2012-2015

AGENCIA CHILENA
PARA LA CALIDAD E
INOCUIDAD ALIMENTARIA
Strategic Areas of an Food Safety and Quality Agency

- **Integrated National Programs (PNIs)**
  - Pesticides
  - Microbiological Hazards
  - HACCP
  - Dioxins
  - Red Tide and veterinary drugs

- **Codex Alimentarius**
  - ACHIPIA is the Codex Alimentarius´ Contact Point and Secretariat

- **Regional Advisory Commissions for Food Safety and Quality, CARs**
  - Improvement of regional Coordination, communication and inter-ministry work

- **Integrated System of Food Laboratories**
  - Unique accreditation system through the ISO 17025:2005

- **Scientific Network**
  - Tool to generate support capabilities, supports the interaction among experts and distributes information regarding food safety

- **Food Alert Network**
  - It integrates information about food safety events

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Capacity Building: development of capacities that will support our future Risk Assessment Unit for Food Safety.
Integrated National Programs (PNIs)
Integrated National Programs (PNIs)  
Risk management

General Purpose:

Their aim is to coordinate the activities developed by public institutions related to the monitoring or surveillance programs for food safety management in order to avoid duplicities in control programs. They also promote the updates of policy frameworks considering the needs of the National Food Safety System as a whole.
Integrated National Programs (PNIs)

- Pesticides PNI
- Dioxins PNI
- Microbiological hazards PNI
- Red Tide PNI
- Veterinary Drugs PNI

ACHIPRIA
PROGRAMA NACIONAL INTEGRADO DE PLAGUICIDAS DE USO AGRÍCOLA

Informe de Evaluación de Actividades realizadas en el período 2011 - 2013

ALIMENTOS SEGUROS DEL CAMPO O EL MAR A LA MESA PARA QUE CHILE SIGA CRECIENDO
Integrated System of Food Laboratories (SILA)
Integrated System of Food Laboratories’ purpose:

- PUBLIC HEALTH INSTITUTE
- AGRICULTURE AND VETERINARY SERVICE
- NATIONAL FISHERY SERVICE

Unique accreditation system through the ISO 17025:2005
Harmonization of the results recognized among Public Services
¿Estás buscando un Laboratorio? éste es tu sitio

Inicio de sesión

Usuario *
Contraseña *

¿Olvidó su contraseña?
Si aún no está registrado, hazlo Aquí

Noticias

Ver más

Agenda

Ver agenda completa

25 de Enero de 2013
Inauguran Laboratorio LADAB en UACH Puerto Montt
El Laboratorio de Análisis y Desarrollo de Alimentos Balanceados prestará un importante apoyo al des

18 de Enero de 2013
Director de RIKILT, Instituto de Inocuidad Alimentaria y Centro de Investigación...
Project Innova Corfo: “Public Goods for Competitiveness”

“Single system of national reference laboratory in food safety to ensure the competitiveness of the food industry”

Main objective
Design and to implement both the technical and legal bases of a single system of national reference laboratory for food safety to ensure the food industry competitiveness
Project Innova Corfo Public Goods for Competitiveness

Coordinators
• Chilean Food Quality and Safety Agency (ACHIPIA)
• Wageningen UR Chile International Center of Excellence in Food

Associates
• Ministry of Agriculture
• Ministry of Public Health
• National Fisheries Service (SERNAPESCA)
• Agriculture and Livestock Service (SAG)
• Chilean Public Health Institute (ISP)
• National Institute for Standardization (INN)
• International Economic Relations Directorate (DIRECON)
Food Information and Alert Network (RIAL)
Food Alert Network for the Chilean Food Safety System, RIAL

It is a network that gathers information on food safety events from different sources.

**Purpose:**

- To be an instrument of the Chilean National Food Safety System in order to respond to food safety crisis (recall, food exports refusals)
- To be an intersectorial communication channel to improve the management of the relevant services
- To evaluate National Control Programs
- To support Public Policy decisions in food safety matters

Officially launched on July 2013
Who participates in RIAL?

ACHIPIA
Coordination, verification and follow up.

SUBPESCA ODEPA
Information receivers

SAG SERNAPE SCA MINSAL
Notification of events and management reports.

DIRECON
Foreign notifications.
Scientific Network
Scientific Network in Food Safety

Objective: Science into Policy

• To generate an experts network to support ACHIPIA’s decisions on food safety matters
Scientific network web page

• Creation of a virtual platform for multiple interaction of the Scientific Network members
  
  – Information about ACHIPIA and the network.
  
  – User platform.
  
  – News.
  
  – Food Safety and Quality news.
  
  – Featured related activities.
  
  – Links of interest for users.
  
  – Opinion columns, forums, polls, scientific publications, awards, and others.
Foto 7:
Autoridades de gobierno y academia presentes en el Lanzamiento de la Red de Científicos para la Inocuidad Alimentaria en 2012.
SCIENTIFIC ADVISORY COMMITTEE LAUNCHED IN NOVEMBER 2013

Specialist Groups

- Microbiological Hazards: 59 Experts
- Risk Assessment: 38 Experts
- Chemical Contaminants: 26 Experts
- Food Safety & Quality: 139 Experts
- Veterinary Drugs Residues: 14 Experts
- Pesticides: 28 Experts
- Natural Toxines: 10 Experts
- Food Additives: 11 Experts

352 EXPERTS
Overview of the Resolution N°447 from Agriculture Ministry

✓ Chaired by ACHIPIA´s Executive Secretariat.

✓ Composed of 11 recognized scientists with important experience in scientific areas related to food.

✓ The members shall serve for one year since their appointment.

✓ Ad honorem work.
LA COMUNICACIÓN DE RIESGOS PARA LA SALUD HUMANA RELACIONADOS CON ALIMENTOS

Buenas Prácticas de Comunicación de Riesgos Alimentarios

2014
Figura 13:
Portada Informe Anual 2013 de la OCDE: “Monitoreo y Evaluación de la Política Agraria 2013. Países de la OCDE y Economías Emergentes”.

Fuente: Gestión 2011-2013 Agencia Chilena para la Calidad e Inocuidad Alimentaria
maximum amount of wheat purchased from each farmer in the 2011/12 season was limited to 350 quintals (35 metric tonnes) per farmer. COTRISA’s purchases were expanded from CLP 147 million (USD 304 000) in 2011 to CLP 206 million (USD 423 260) in 2012.

The Scientists Food Safety Net (SFSN) was created in 2012. This initiative was fostered by the Chilean Agency for Food Quality and Safety (ACHIPIA) to design safety and quality policies with a scientific basis. The SFSN is expected to facilitate interaction between stakeholders such as government institutions, universities, research centres, the industry and consumers. ACHIPIA also co-ordinates the Integrated System of Food Laboratories (SILA), comprised of 73 public and private laboratories, which are linked to a network of official food analysis laboratories from SAG, the National Fishing Service (Sernapesca) and the Ministry of Health. Furthermore, a survey was conducted in 2012 concerning analytical capacities in the following areas: chemistry, microbiology, pesticides, dioxins, phytoplankton and marine toxins. This information was used to design a national laboratories system of reference which will be launched in the first half of 2013. This project will be advised by leading international experts.

In August 2012, the Government formally launched the Mitigation Action Plan and Scenarios initiative (MAPS-Chile) with respect to climate change. This two-year project was mandated by the Ministers of Foreign Affairs, Finance, Agriculture, Mining, Transport, Energy and Environment to build mitigation scenarios for 2020, 2030 and 2050 through a multi-stakeholder process. In
Regional Advisory Commission for Food Safety and Quality (CARs)
Purpose: To advise the regional government in all matters related to food safety, being an instance of coordination of the public services with competences related to food safety in the region.
International Situation

National Codex Alimentarius Committee
Codex Alimentarius Chile: awareness workshops

- 2012: 180 participants
- 2013: Industry, Academy, Government and Consumers, 150 participants
Chile´CODEX Procedural Manual

Needs constant improvement.
Information of the working committees:
- Country positions
- Electronic working groups
- List of participants
- Much more...
Codex’s documents and standards search engine.
Evolution of Chile’s participation on International Meetings

% of assistance to international meetings

ACHIPIA is Contact Point and Secretariat
Summary of National and International Technical Cooperation

“Strengthening of ACHIPIA’s role”

ACHIPIA-FAO
LATAM Office Agreement
Technical Cooperation Program (TCP)

Wageningen UR Chile,
RIKILT/RIVM
CORFO Project Single System of National Reference Laboratory in Food Safety to ensure the competitiveness food industry

University of Minnesota
Capacity Building in food Risk Analysis

ACHIPIA

JIFSAN (Maryland University, FDA, USDA)
APEC FSCF PTIN Project Laboratory Competency Strengthening Initiative: Building Comprehensive Laboratory Capacity

Industry
FIA Creation of a national genetic bank of animal pathogens

ACHIPIA
ACHIPIA – FAO technical collaboration agreement

ACHIPIA-FAO LATAM Office Agreement
ACHIPIA-FAO LATAM Office Agreement: “Strengthening of ACHIPIA´s role”

Technical Cooperation Program (TCP):

1. Strengthening of ACHIPIA´s participation in Codex Alimentarius and INFOSAN

2. Creation of the Chilean Food Risk Assessment Unit: *EFSA´s model is a great model to follow*

3. Develop the Policies and Strategies for Food Risk Communication.

Capacity Building Strategy

Public- Private – Academy Partnership
Capacity Building Activities - 2013

Training activities

- Public Sector: 43%
- Academy: 17%
- Private Sector: 40%

Total: 576

Awareness activities

- Public Sector: 28%
- Academy: 48%
- Private Sector: 24%

Total: 917
Participation of Experts and Specialists in activities of capacity building organized by ACHIPIA 2013
Number of participants attending activities involving ACHIPIA by area and origin

Número de asistentes a eventos de diversas áreas, llevados a cabo dentro y fuera del país, durante el período 2011-2013 donde se difundió información sobre ACHIPIA.
GESTIÓN 2011 / 2013
Agencia Chilena para la Calidad e Inocuidad Alimentaria
Thanks