



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

Nuri Gras  
Technical Director  
Food Intelligence Net  
Chile

**FAO/IAEA Satellite event on :  
“Food Control Systems and the Role of the Different Stakeholders in the Food Supply Chain”-  
14<sup>th</sup> 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 )





**Chile**

Instituto Interamericano de Cooperación para la Agricultura  
*Sembrando innovación para cosechar prosperidad*



European Food Safety Authority



Bundesinstitut für Risikobewertung



Nederlandse Voedsel- en  
Warenautoriteit  
Ministerie van Economische Zaken



**aecosan**

agencia española  
de consumo,  
seguridad alimentaria y nutrición

**DTU**

**FASFC**

Federal Agency for the Safety of the Food Chain



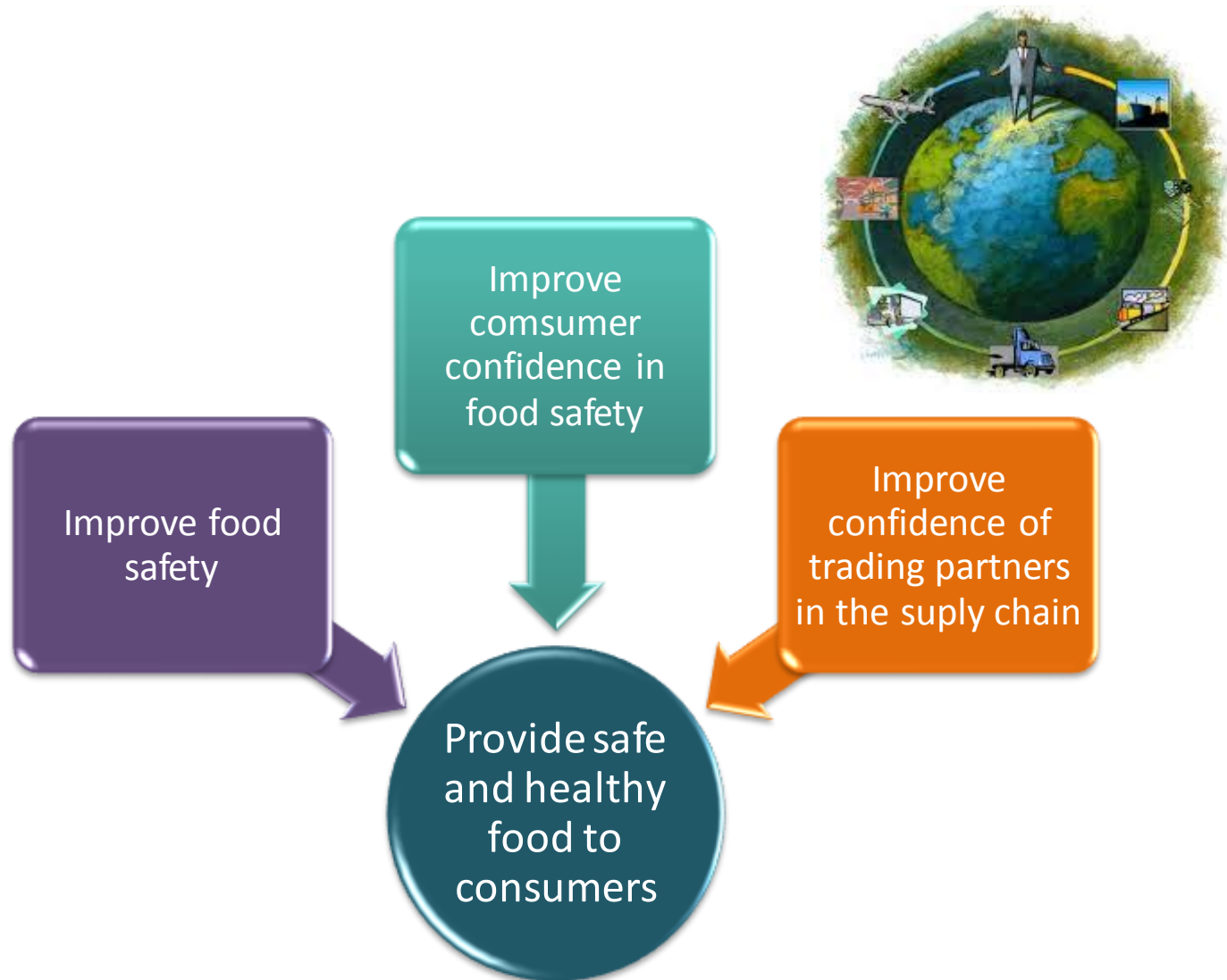
BETTER POLICIES FOR BETTER LIVES



**IAEA**

International Atomic Energy Agency

# Main Contributions of Food Quality and Safety Agencies





# 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







## **POLÍTICA NACIONAL DE INOCUIDAD ALIMENTARIA**

Agencia Chilena para la Calidad e Inocuidad Alimentaria – ACHIPIA

**2014**



Ministerio de  
Agricultura

Gobierno de Chile

# Food Safety and Quality Policy



Integrated  
institutionality



Enhancement of  
chain approach



Preventive control  
based on risk



Animal feed



Operator  
responsability



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

**Capacity Building:** development of capacities that will support our future Risk Assessment Unit for Food Safety.



# Integrated National Programs (PNIs)





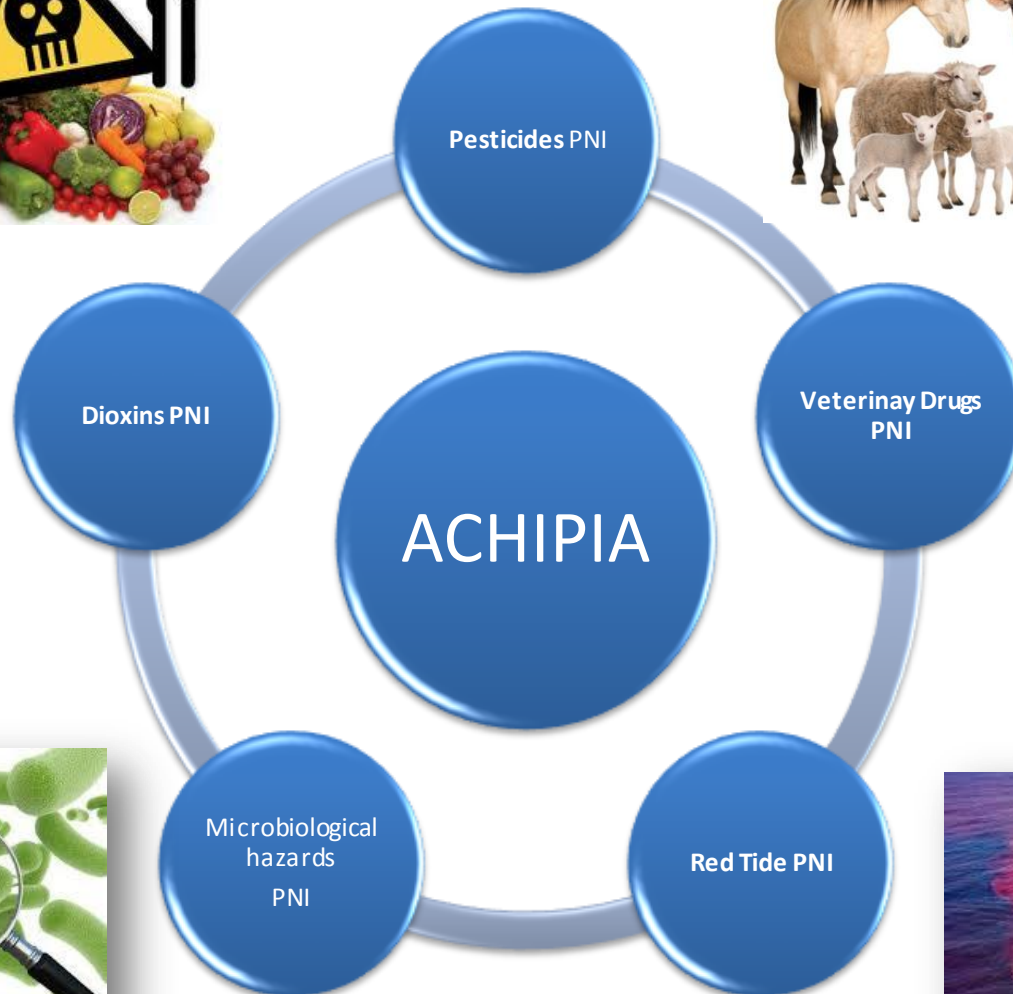
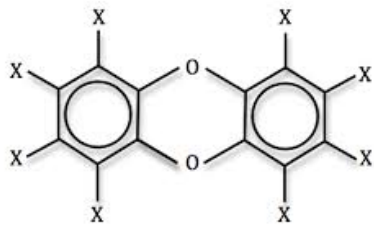
# Integrated National Programs (PNIs) Risk management

## 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)





# 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:





## ¿Estás buscando un Laboratorio? éste es tu sitio



### Inicio de sesión

Usuario \*

Contraseña \*

[Entrar](#)

[¿Olvidó su contraseña?](#)

Si aún no estás registrado,  
 hazlo [Aquí](#)

### Noticias

[Ver más](#)



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 Investigació...**

### Agenda

[Ver agenda completa](#)

2013

**07**

Mayo



**EuroFoodChem XVII**  
**Estambul, Turquía**

2013

**26**

Mayo



**Congreso Latinoamericano de Plaguicidas**

# Project Innova Corfo: “Public Goods for Competitiveness”

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

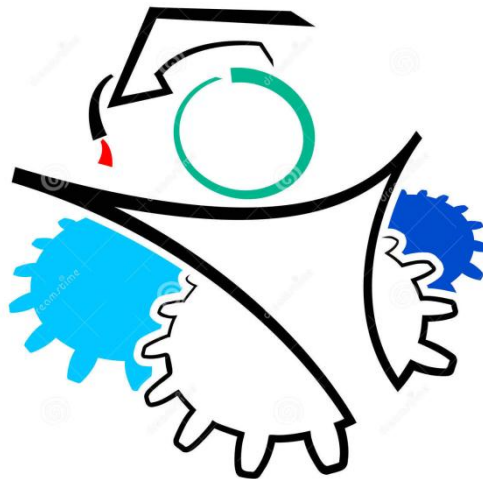


## Associates

- 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)

**RIAL** | Red de Información  
y Alertas Alimentarias



# 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?





**RIAL** | Red de Información  
y Alertas Alimentarias

Usuario:

Clave:

Aceptar

ISOTools  
● ● ●



# MEMORIA RIAL 2013

Red de Información y Alertas Alimentarias

# Scientific Network





# Scientific Network in Food Safety



## Objetivo : 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.

**ACHIPIA**  
Agencia Chilena para la Calidad e Inocuidad de los Alimentos

**Red Científica**

INICIO | QUÉNES SOMOS | CATEGORÍAS CIENTÍFICAS | PREGUNTAS FRECUENTES | ACHIPIA | CONTACTO |

Bienvenido al grupo de personas especialistas en temáticas científicas que complementan la Calidad e Inocuidad Alimentaria en nuestro país. Como Agencia asesora del presidente en la materia, establecemos esta plataforma para la interacción dinámica y eficiente de la información científica que aporte fundamentos sólidos a la conformación de políticas de inocuidad en alimentos entendiendo que es la base del Sistema Nacional de Control de los Alimentos a implementar en Chile.

**Noticias de Actualidad**

- 24 de Mayo de 2012  
Codex Chile da a conocer su trabajo a los consumidores, universidades y a la industria chilena.  
[Seguir leyendo »](#)
- 11 de mayo 2012  
Autoridades de la Región Metropolitana concuerdan creación de instancia regional para asegurar la inocuidad de los alimentos.  
[Seguir leyendo »](#)
- Mayo, 2012  
Autoridades de Los Ríos trabajan para proveer alimentos sanos y seguros a la población.  
[Seguir leyendo »](#)

**Noticias Científicas**

**El Dr. Fernando Monckeberg es galardonado con el Premio Nacional de Medicina 2012**  
En una ceremonia que contó con la presencia de las más altas autoridades del mundo médico del país, este miércoles 21 de marzo -en el Colegio Médico- se escogió como Premio Nacional de Medicina 2012 al fundador y director del INTA hasta 1994, doctor Fernando Monckeberg Barros."

[Seguir leyendo »](#)

**Productores conocen resultados preliminares de proyecto sobre manejo de plagas cuarentenarias en cítricos**  
Los aspectos fitosanitarios son las principales barreras a la entrada de productos agrícolas. Por ello el Comité de los Cítricos para seguir cumpliendo con los requisitos de los principales mercados se preocupa de mantener informado a los productores sobre cómo lograr un exitoso manejo de las plagas."

[Seguir leyendo »](#)

**Inaugurado Diploma Buenas Prácticas de Manufactura (BPM/GMP)**  
Las Buenas Prácticas de Manufactura (BPM/GMP) constituyen en el escenario mundial actual una necesidad para la industria farmacéutica y de alimentos, no sólo porque son una exigencia de la autoridad sanitaria en el caso de los medicamentos como se señala explícitamente en el Reglamento del Sistema Nacional de Control de Productos Farmacéuticos de Uso Humano D.S. Nº 3/2010 o porque son una condición previa para el cumplimiento regulatorio de las HACCP respectivamente."

[Seguir leyendo »](#)

**Ingreso de usuarios**

Usuario:   
Clave:   
[¿Olvidó su clave?](#) [Entrar](#)

**Categorías Científicas**

- Ciencia y Tecnología
- Industria
- Agricultura
- Pecuaria
- Acuicultura
- Administración y Comercio

**Calendario de actividades**

Junio 2012						
Lu	Ma	Mi	Ju	Vi	Sa	Do
					1	2
					3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

**¿Cómo califica la función de este sitio?**

★★★★★ ☐ ¿Desea Opinar?  
★★★★ ☐ Sí  
★★★ ☐ No  
★★ ☐  
★ ☐

[Votar](#)

**Columna de Opinión**

- Sistema de Control de Alimentos en Chile** por Ricardo J.
- Rol de la FAO en Sistemas de Control** por Francisco O.

[f](#) [t](#) [p](#) [v](#)

**Programa Elige vivir sano**

Ministerio Secretaría General de la Presidencia | Ministerio de Relaciones Exteriores | Ministerio de Economía | Ministerio de Salud | Ministerio de Agricultura

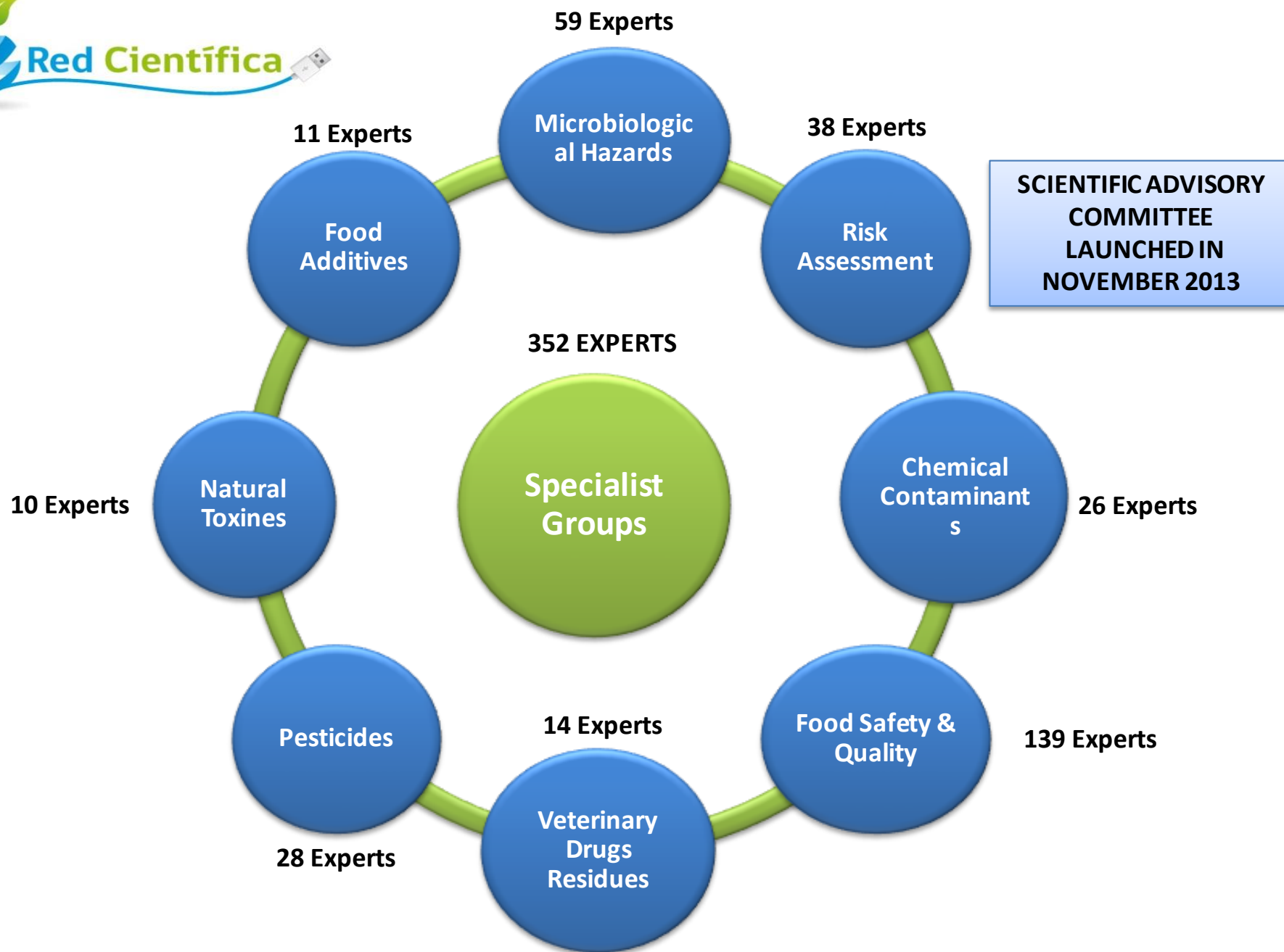
Gobierno Transparente | Direcon | Sernapesca | ISP | SAG

Dirección: Teatinos 40, piso 5, Santiago - Chile / Teléfono: (56-2) 3935170 / Datos de contacto: achipia@achipia.gob.cl

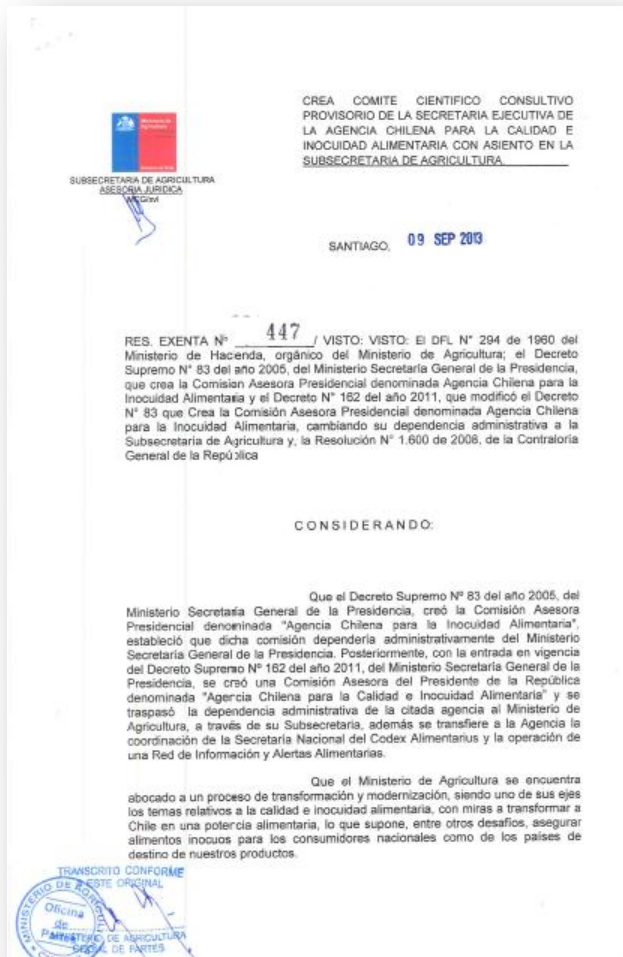


Foto 7:

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



## 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

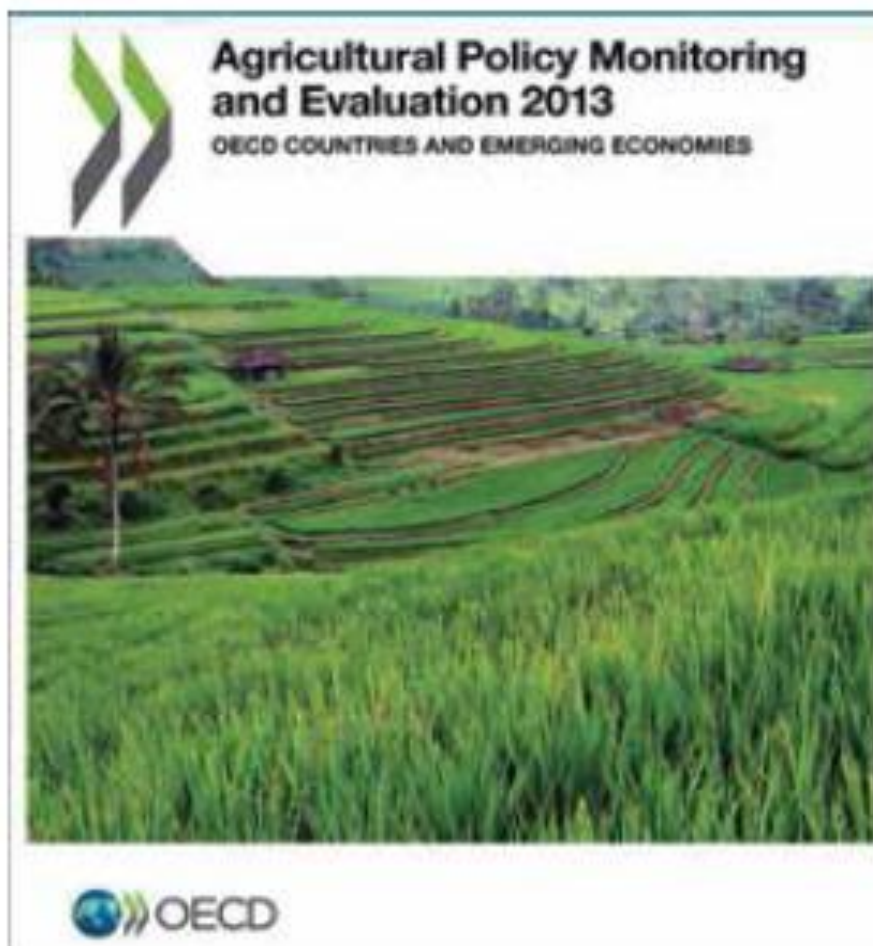


Figura 13:

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



## II.7. CHILE

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

## Agricultural Policy Monitoring and Evaluation 2013: OECD Countries and Emerging Economies

Chile

DOI: 10.1787/agr\_pol-2013-10-en

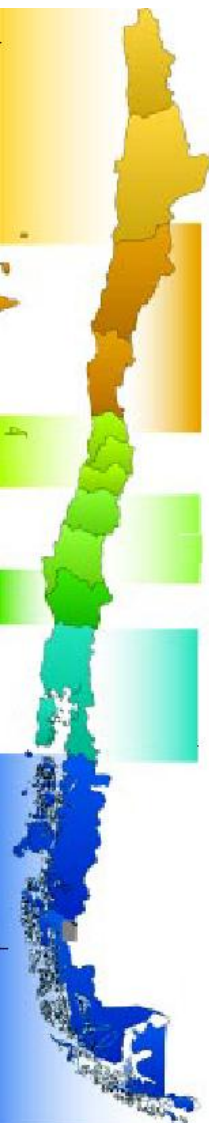
OECD publishing

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Logiciel Photothèque for business.

# Regional Advisory Commission for Food Safety and Quality (CARs)



# Regional Advisory Commission for Food Safety and Quality (CARs)



## **Big North**

Horticulture, camelid livestock, extractive fishing

## **Little North**

Fresh fruit production; vitiviniculture; livestock goats; extractive fishing

## **Central Valley**

Fresh fruit and horticulture, wine production, annual crops (maize; wheat), extractive fishing.

## **South Central Zone**

Annual crops / fresh fruit; wine production; milk and meat; forest (Pine and Eucalyptus)

## **South Border**

Cereal; meat production; forest; extractive fishing

## **Lakes region**

Meat and milk production; potato production; forest; salmon farming and extractive fishing.

## **SOUTH END:**

Sheep and cattle; forest; extractive salmon fishing and farming.

**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

**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

## National Codex Alimentarius Committee





# Codex Alimentarius Chile: awareness workshops



2012

180 participants

Industry, Academy,  
Government and  
Consumers



2013

150 participants

# Chile´CODEX Procedural Manual



**Needs constant improvement.**





uzar@achi x Google Translate x Codex x

www.chilecodex.cl

Food Defense MSF MRL Bicos Becas y estudios RIAL Utilidades FDA/FSMA/CFR Minagri CODEX Bici Maules, Flores y Re... B

e Chile ChileAtiende Chile Avanza con todos Gobierno Abierto Chile sin papeleo Buscador del Est

**Gobierno de Chile**

**CODEX 50**  
ALIMENTARIUS 1963-2013

INICIO ¿QUE ES CODEX? CODEX EN CHILE MANUAL DE PROCEDIMIENTO NORMAS NOTICIAS ENLACES CONTACTO

Seguir a @codex\_CHILE

Buscador

SUBCOMITE COORDINADO POR:

**Ministerio de Salud**

- Subcomité del Codex de Aditivos Alimentarios
- Subcomité del Codex de Grasas y Aceites
- Subcomité del Codex de Contaminantes de los Alimentos
- Subcomité del Codex de Nutrición y Alimentos para Regímenes Especiales
- Subcomité del Codex de Métodos de Análisis y Toma de Muestras
- Subcomité del Codex de Higiene de los Alimentos

**Ministerio de Agricultura**

- Subcomité de Coordinación para América Latina y el Caribe
- Subcomité del Codex de Frutas y Hortalizas Elaboradas
- Subcomité del Codex de Frutas y Hortalizas Frescas
- Subcomité del Codex de Residuos de Medicamentos Veterinarios en los Alimentos
- Subcomité del Codex de Residuos de Plaguicidas

**Ministerio de Economía**

- Subcomité del Codex de Pescado y Productos Pesqueros
- Subcomité del Codex de Sistemas de Inspección y Certificación de Importaciones y Exportaciones de Alimentos
- Subcomité del Codex de Etiquetado de los Alimentos

**Ministerio de Relaciones Exteriores**

- Subcomité del Codex de Principios Generales

BUSCADOR DE NORMAS

Information of the working committees:

- Country positions
- Electronic working groups
- List of participants
- Much more...



## Ministerio de Agricultura

Subcomité de Coordinación para América Latina y el Caribe  
Subcomité del Codex de Frutas y Hortalizas Elaboradas  
Subcomité del Codex de Frutas y Hortalizas Frescas  
Subcomité del Codex de Residuos de Medicamentos Veterinarios en los Alimentos  
Subcomité del Codex de Residuos de Plaguicidas

## Ministerio de Economía

Subcomité del Codex de Pescado y Productos Pesqueros  
Subcomité del Codex de Sistemas de Inspección y Certificación de Importaciones y Exportaciones de Alimentos  
Subcomité del Codex de Etiquetado de los Alimentos

## Ministerio de Relaciones Exteriores

Subcomité del Codex de Principios Generales

### BUSCADOR DE NORMAS

Subcomité

Nombre

Contiene las palabras

Buscar

Subcomités Técnicos del Codex Alimentarius: grupos de trabajo integrados por profesionales relacionados y especializados en los temas particulares que ellos traten, que representan a los distintos Ministerios y sectores que integran el CNC.

Ministerio de Salud

Ministerio de Agricultura

Ministerio de Relaciones Exteriores

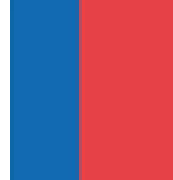
Ministerio de Economía

Santiago - Chile / Teléfono: (56-2) 27979900 / Datos de contacto: [codex@chilecodex.cl](mailto:codex@chilecodex.cl)

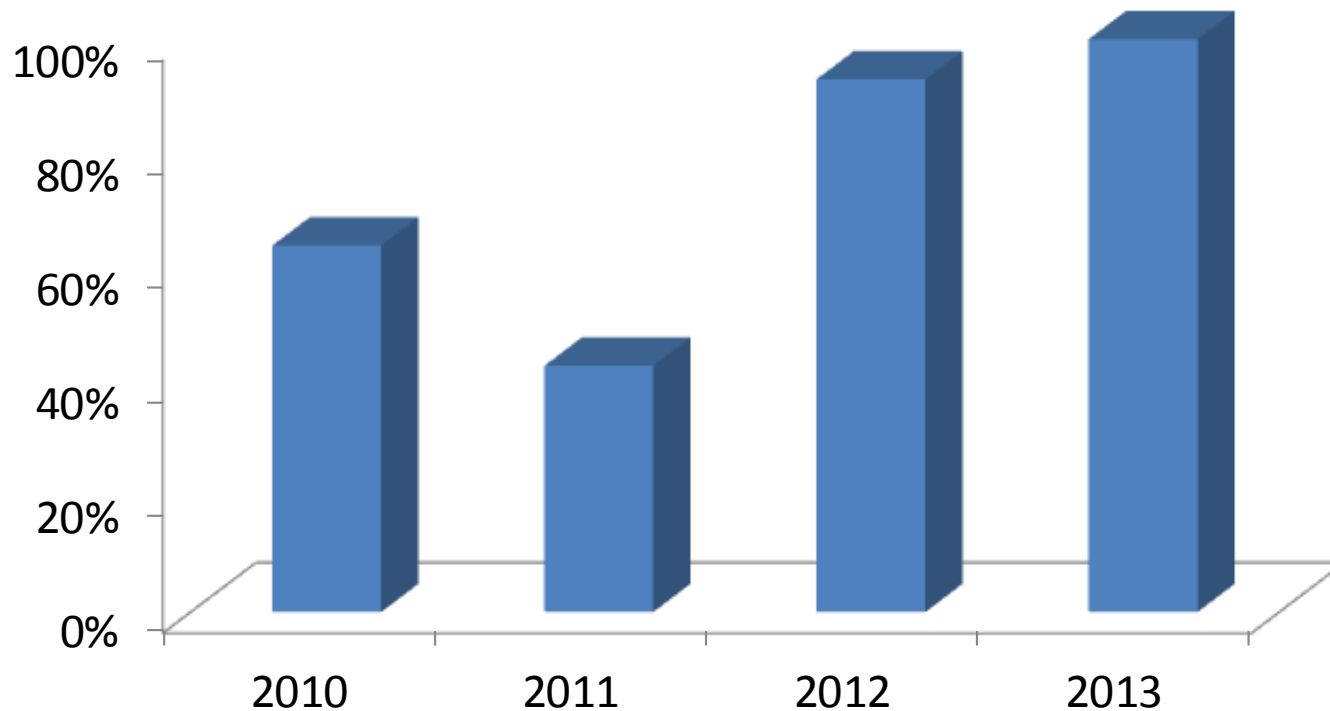
HTML 5 | CSS 3 | CC

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)



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



**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



**Industry**  
FIA Creation of a national genetic  
bank of animal pathogens



# 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.
4. Food Safety Crisis Management.



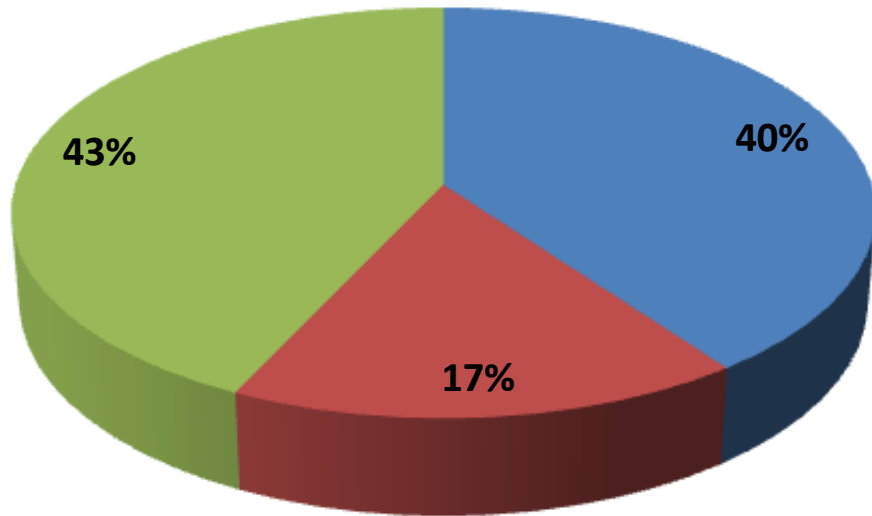
# Capacity Building Strategy



**Public- Private – Academy Partnership**

# Capacity Building Activities - 2013

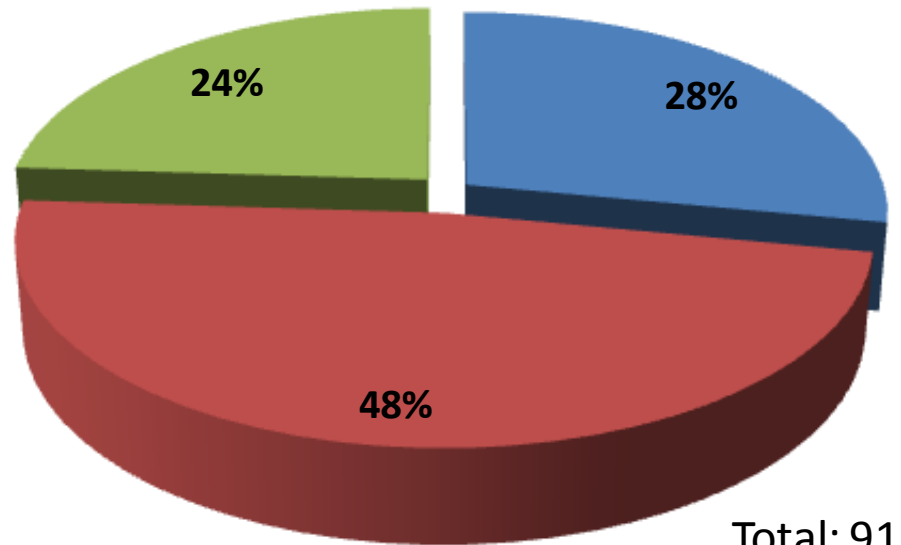
## Training activities



Total: 576

■ Public Sector ■ Academy ■ Private Sector

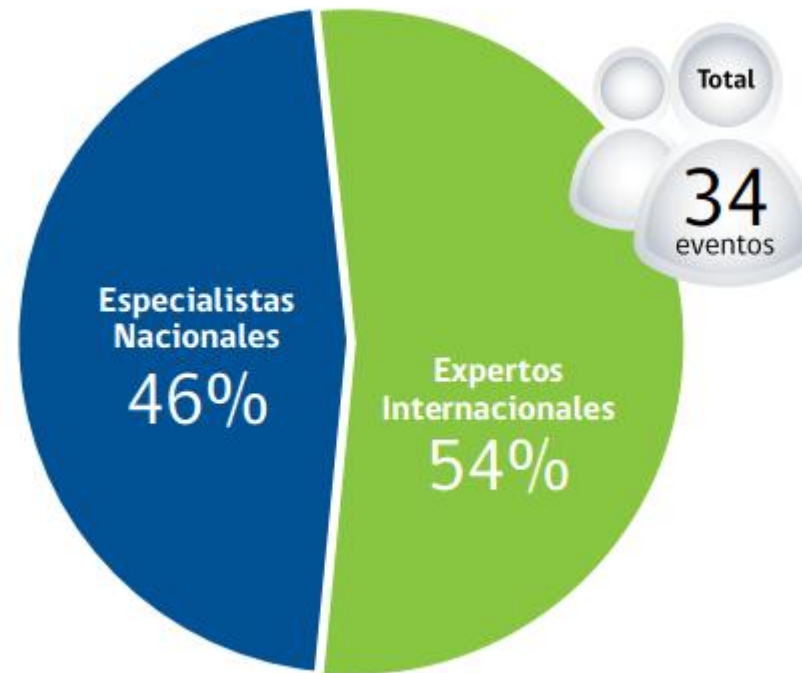
## Awareness activities



Total: 917

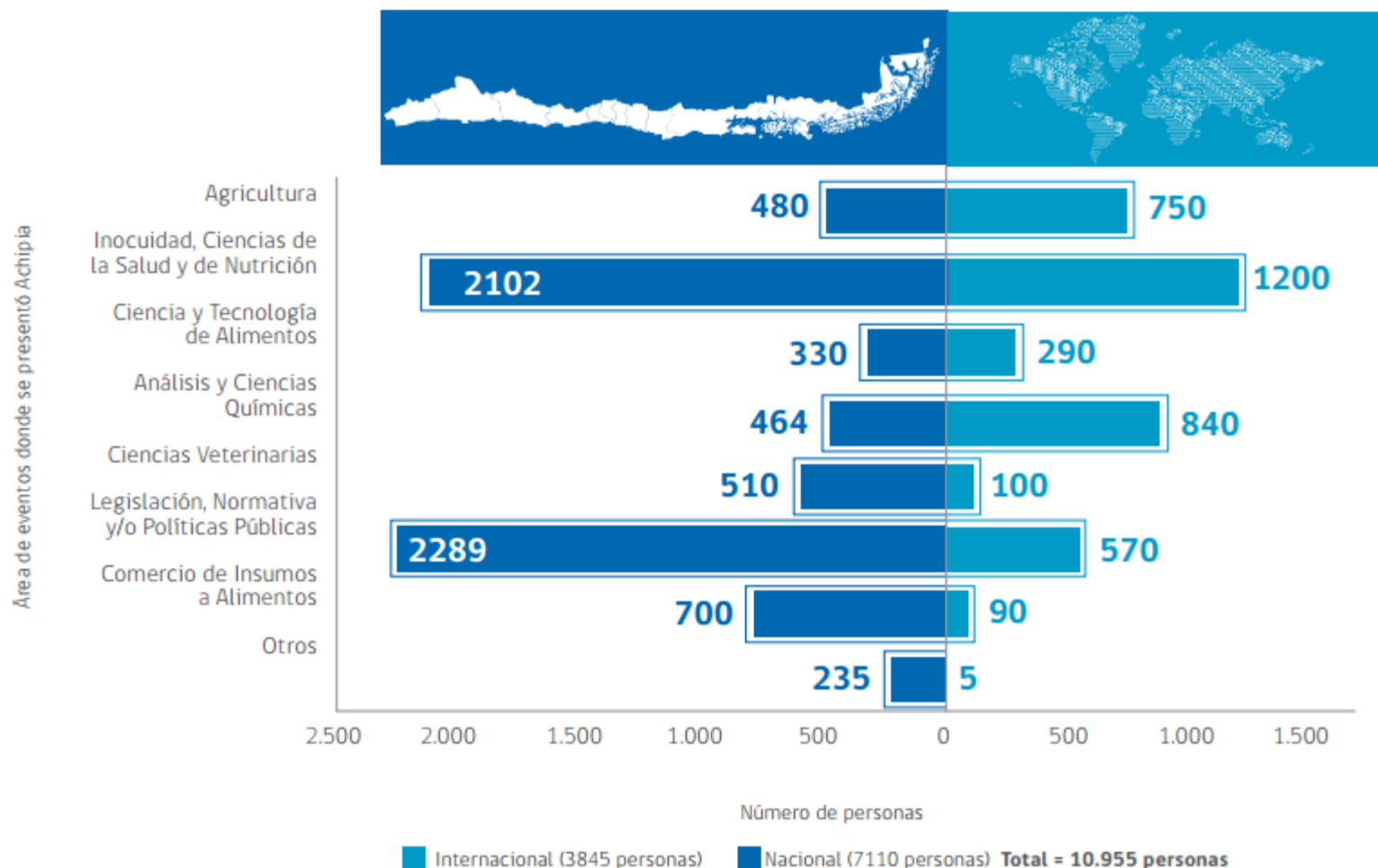
■ Public Sector ■ Academy ■ Private Sector

# Participation of Experts and Specialists in activities of capacity building organized by ACHIPIA 2013



Porcentaje de participación de especialistas nacionales y expertos internacionales en actividades de generación de capacidades y promoción de las instancias de colaboración realizadas por ACHIPIA en 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