

# 2016 APEC Expert Consultation on Food Loss and Waste at Retail and Consumer Levels

## Peruvian reports on Food Loss and Waste

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# *The retail and consumer relationship with the supply chain and production structure in Peru*



(Supervisory body in charge of the fulfillment of the Law 29571 – Consumers Defense Code)



**Complaints Book**

[www.indecopi.gob.pe/libro-de-reclamaciones](http://www.indecopi.gob.pe/libro-de-reclamaciones)



(request and demand)

# *The recommended retail stakeholders or consumer groups suitable for research and data gathering in Peru*



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# *The current status of food waste research in Peru and its application in food industry and consumers*

## 1. Qualitative study of the loss in potato value chain.



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Metodology:

Identification of economic stakeholder

Survey applications

Consolidation of results

Proposals and recommendations

Analysis and interpretation of results

# The current status of food waste research in Peru and its application in food industry and consumers

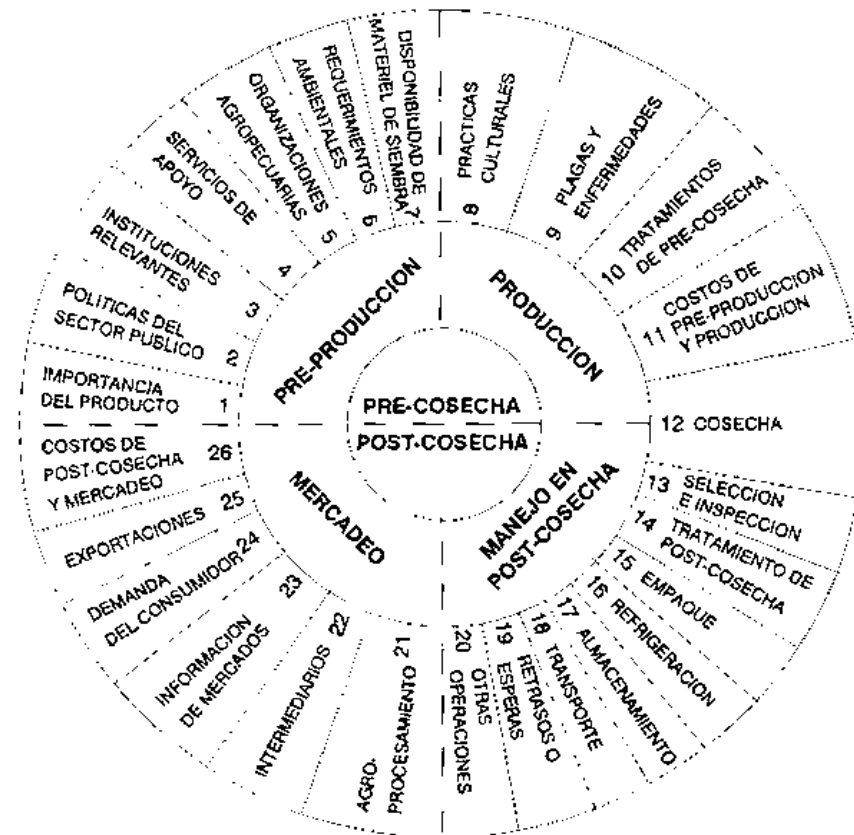
## 2. Methodology for the Evaluation of Agrifood Chains (MECA).



Metodology:

Categories:

1. Pre-production
2. Production
3. Post-harvest management
4. Marketing

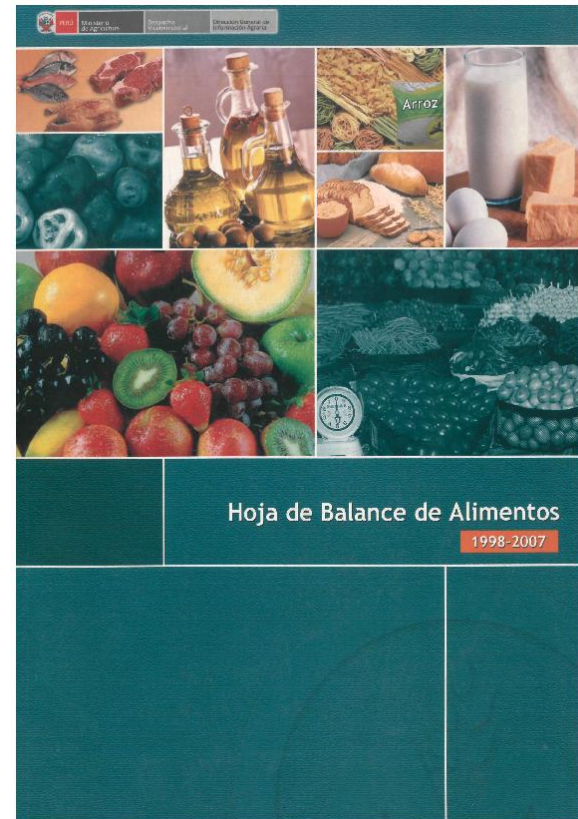


# *The current status of food waste research in Peru and its application in food industry and consumers*

## 3. Food Balance Sheet.



Methodology:  
Estimate food  
availability along  
the distribution  
chain.



# The current status of food waste research in Peru and its application in food industry and consumers

4. Comprehensive analysis of the logistics chain in 5 Peruvian export chains: cocoa, coffee, onion, quinoa and grapes.



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**Tabla 6: Composición de los costos logísticos**  
(porcentaje sobre total de costos logísticos)

	Granel			Refrigerados	
	Cacao	Café	Quinoa	Uva	Cebolla Amarilla
Transporte	32.2	20.4	33.8	5.7	6.6
Mermas	20.3	19.2	18.4	18.8	9.8
Carga y descarga	10.4	9.6	20.7	6.9	32.3
Tratamiento	13.7	11.2	7.1	41.6	15.1
Seguridad	13.1	24.0	4.1	5.9	12.4
Permisos y Certificaciones Obligatorias (*)	4.4	3.9	5.1	11.8	14.9
Financieros	3.9	8.3	5.3	1.4	6.2
Nodo Puerto	1.9	3.4	5.5	7.8	2.7
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

Fuente: (Banco Mundial, 2015) - Nota: Para detalles ver Anexo 2.

(\*) Incluye Certificado de Origen que aunque voluntario, es un trámite casi indispensable para poder competir.

<http://ww2.mincetur.gob.pe/comercio-externo/facilitacion-del-comercio-externo/costos-logisticos/>

# *The existing information gaps and recommendations for data gathering and future research*

1. Development of new uses/applications from food waste (novel Ingredients in foods, nutraceuticals and personal care products).
  - ❖ Made from carrot pulp, its KaroPRO ingredient has water binding applications in processed foods. ([www.organicmonitor.com/r2505.htm](http://www.organicmonitor.com/r2505.htm))
2. Development of Apps to help consumers to cut food waste.
  - ❖ Tracking products according to expiry date.  
([www.foodanddrinkeurope.com/Retail/Industry-must-help-consumers-cut-food-waste-say-app-developers?utm\\_source=RSS\\_text\\_news&utm\\_medium=RSS\\_feed&utm\\_campaign=RSS\\_Text\\_News](http://www.foodanddrinkeurope.com/Retail/Industry-must-help-consumers-cut-food-waste-say-app-developers?utm_source=RSS_text_news&utm_medium=RSS_feed&utm_campaign=RSS_Text_News))
3. Public policies to cut food waste in consumer level.

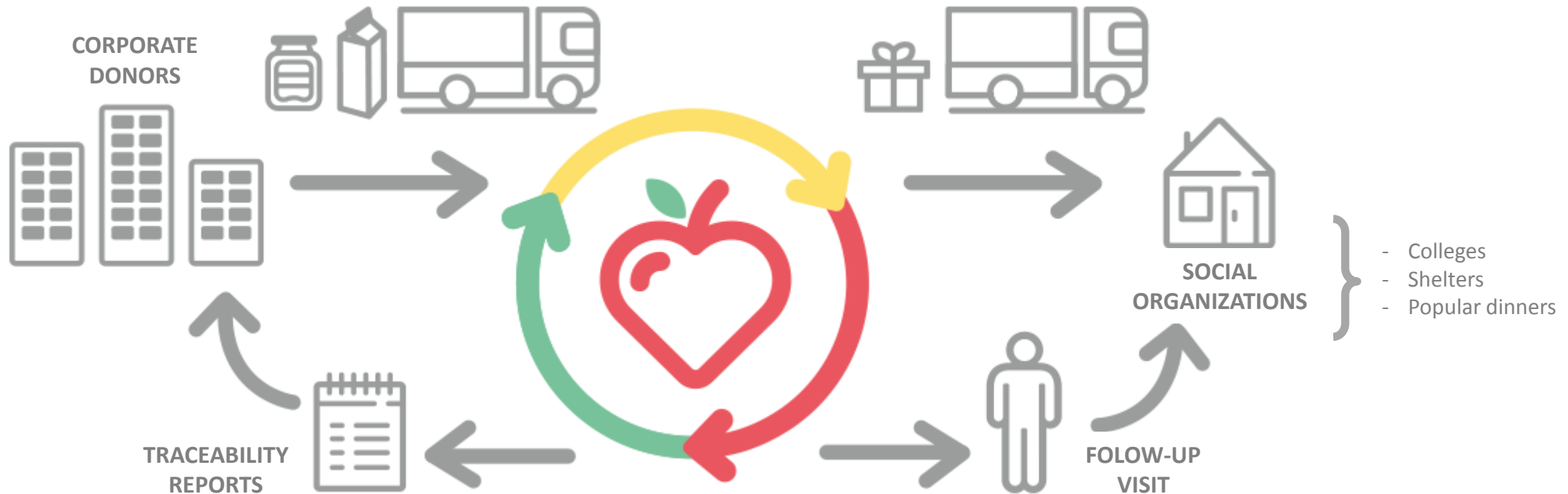


# The major policies and measures / initiatives / programs to prevent, reduce, recover or recycle food waste in Peru

## 1. BANCO DE ALIMENTOS PERÚ (www.bancodealimentosperu.org)

Products in good condition but lost commercial value by:

- Near expiry date
- Bad packaging
- Does not meet company specifications
- Surplus production



# *The major policies and measures / initiatives / programs to prevent, reduce, recover or recycle food waste in Peru*



([www.foodbanking.org](http://www.foodbanking.org))

## Participation of APEC economies:

- Australia
- Canada
- Chile
- China
- Hong Kong
- South Korea
- Mexico
- Peru
- Russia
- Singapore
- Chinese Taipei
- United States of America