



# Moín Container Terminal, Limón, Costa Rica

Silvia Gamboa  
Professor National University, Costa Rica  
Head of Sustainability and Environment • [silvia.gamboa@apmterminals.com](mailto:silvia.gamboa@apmterminals.com)



**Achieving the UN Sustainable Development Goals (SDG) through Port Activity, case study of the Moín Container Terminal in Limón, Costa Rica Caribbean**



# OBJECTIVES FOR SUSTAINABLE DEVELOPMENT



# Innovation and Infrastructure

Build resistant infrastructure, promote an inclusive and sustainable industrialization and foster innovation



**The Moin Container terminal was designed, built and now operates fully**

Taking the physical, biological and socioeconomic aspects into account, enabling an appropriate impact management and sharing information with stakeholders.

Taking the natural threats into account, e.g. earthquakes and climate change.

Potentiating positive impacts for socioeconomic development such as responsible employment and linkages

Modern, safe and efficient, environmental-friendly technology is used.

# Decent Jobs and Economic Growth

Promote sustained, inclusive and sustainable economic growth; full and productive employment and decent work for all



The concession agreement states 7.5% fee of gross income for the development of the Caribbean Province of Limón in Costa Rica

**(approximately US\$M25 per year)**

## Socio-economic study

Shows efficiency in international trade is for Costa Rica and Limón; a tool for development: up to 0,5% increase in GDP.



# Quality Education

Ensure inclusive education for all and promote lasting quality and equitable learning opportunities



Closure of digital social gap through donation of computers for 100% of the student population in Moin and Buffalo schools.

## Training to Education and Administration Boards.

**Environmental Education:** workers, students and teachers, community, institutions.

## Tools for Success+:

Bilingual education for the students of the Professional and Technical High School (CTP) of Limón.

**EISE 2016:** base line for making strategic decisions.

10 scholarships for students

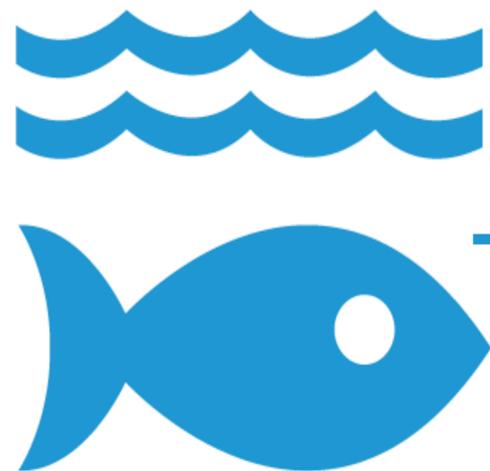
Employability and life skills program at the day high-school in Limón

Support in the development of new programs to train the workforce that Limón will require.

# Aquatic Flora and Fauna

Preserve and sustainably use oceans, seas and marine resources for sustainable development

Manage negative impacts and promote positive impacts.



Environmental  
and Social  
Management  
Plan

- Coastal Morphology Management
- **Sea Turtle Conservation Program:** +30,000 endangered seaturtles released
- **Artificial Reef and Responsible Fishing Area:** fishermen + ecotourism
- Erosion, shoreline and seabed management
- Constant monitoring to verify commitments

# Sustainable Cities and Communities

Crear sustainable cities and human settlements that are inclusive, secure and resilient



Management of  
the Archaeological  
Heritage

**Specific  
Waste  
Program** of  
liquid, solid and  
hazardous materials

Environmental  
Education

Agreement with the Ministry of  
Public Security to  
**improve the  
security in Limón  
and Moín**

Physical, biological and  
socioeconomic base studies,  
whose **information  
is shared with  
stakeholders** (taking  
natural hazards, like  
earthquakes and climate change  
into account)

**Potentiating  
positive impacts  
for  
socioeconomic  
development,** like  
employment and responsible  
linkages

# Fight Against Hunger

End hunger and starvation, achieve food security, improve nutrition and promote sustainable agriculture



Strategic Partner of the Food Bank,  
Limón Branch

Decreasing Food loss



**Food  
Bank**

# Fight against Climate Change

Urgently combat climate change and its effects



**Design** considers possible effects of climate change (+30cm rise)

Use operate using renewable energy (90%)

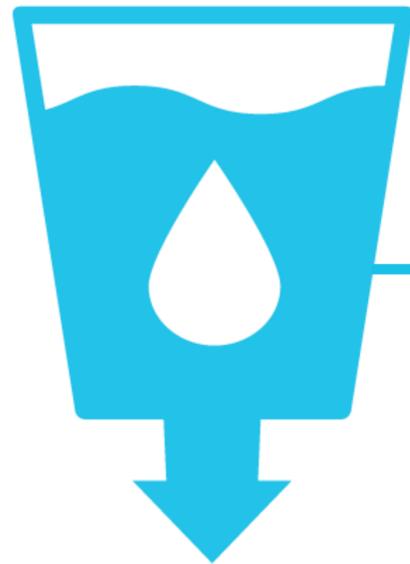
Efficient management of resources

Training regarding emissions and adequate use of resources for the community

**Decarbonization  
commitment for operations**

# Drinking Water and Sanitation

Ensure the availability and sustainable management of water and sanitation conditions



The Environmental Management Plan includes:

## New Potable water line

(Treatment plants for construction and operation)

## Specific Waste Program

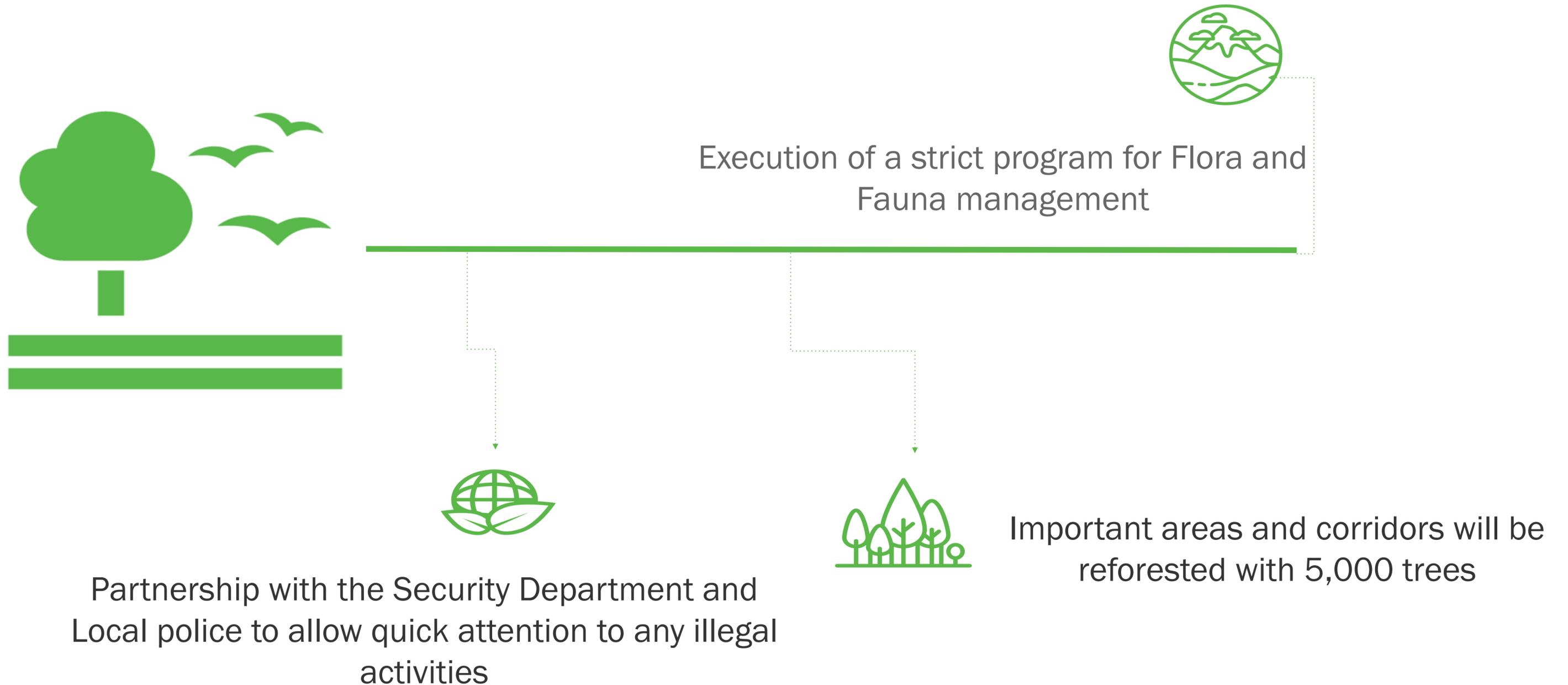
for liquid, solid and hazardous materials

## Reforestation: 5000 trees

## Pilot Project: mangrove planting

# Terrestrial Flora and Fauna

Protect, restore and promote the sustainable use of terrestrial ecosystems, managing forests sustainably, combating desertification, stopping and reversing land degradation and stopping the loss of biodiversity



# Poverty Eradication

End poverty everywhere and in all its forms

## Social protection

from the company to its employees but also from our suppliers to their employees.

## Resiliency

socialization of scientific information collected by public bodies and interested parties.

We base our operations on **sound policy frameworks** (national and international legislation, Ecuador principle, COMMIT policies from Maersk group, Global Compact).

## EISE, May 2016

Measurement of potential indirect impacts generated by the MCT through trade efficiency.

**Payment of a 7.5% fee** of gross revenues of MCT devoted to the development of Limón (approximately US \$ M12,5 per year)



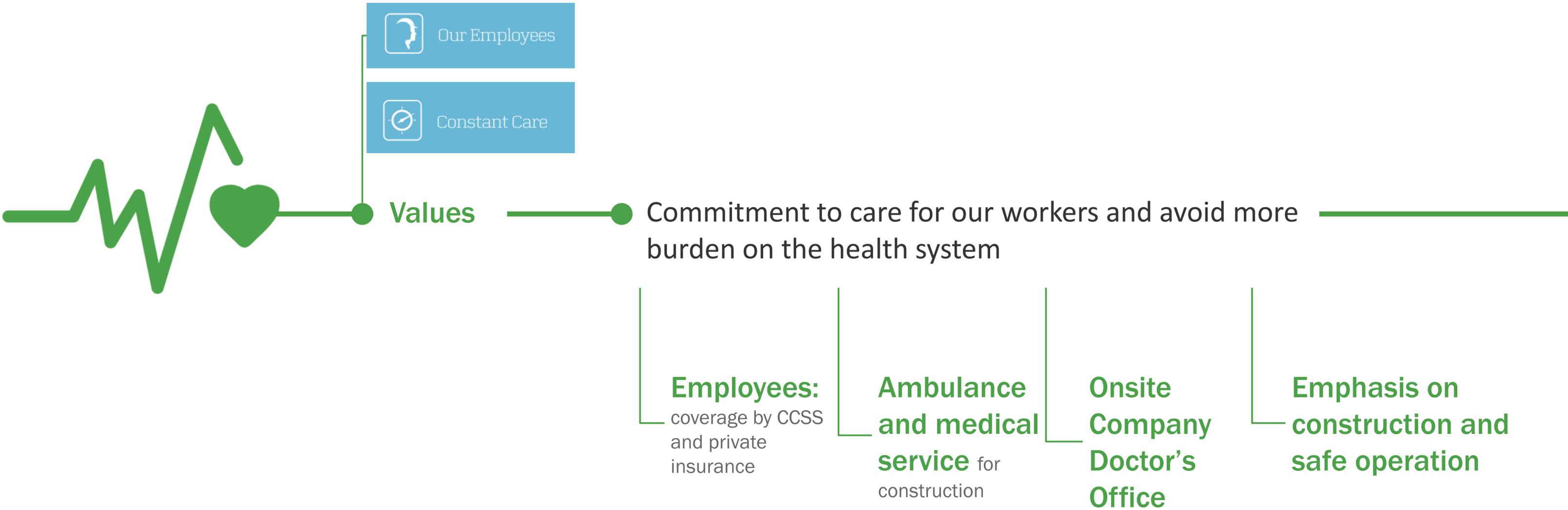
# Gender Equality

Achieve gender equality through the strengthening of women and girls.



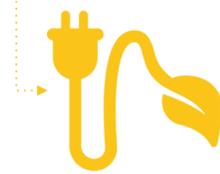
# Good Health

Ensure healthy lives and promote wellness for all ages

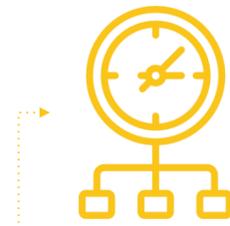


# Renewable Energies

Ensure access of all people to sources of affordable, reliable, sustainable and renewable energy



Investment in modern equipment, mostly electric.



Efficient resource management



Commitment to be **Carbon Neutral during the operation** (Starting in 2018).

# Reducing Inequality

Reduce inequality between and within countries

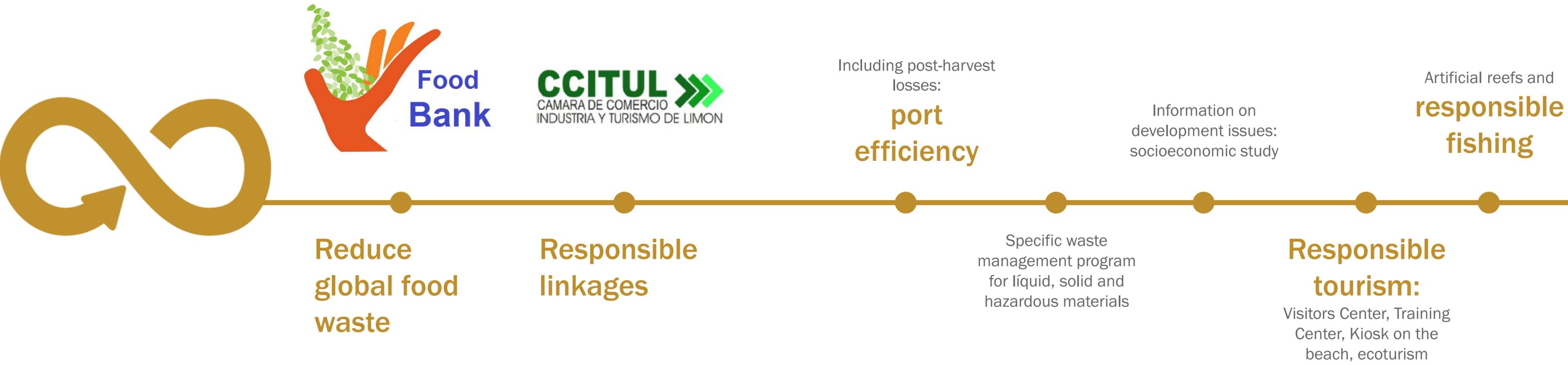


Amongst countries.

Within countries: Equal opportunities for employment and development. We value individuals who bring different talents, skills and perspectives to the organization.

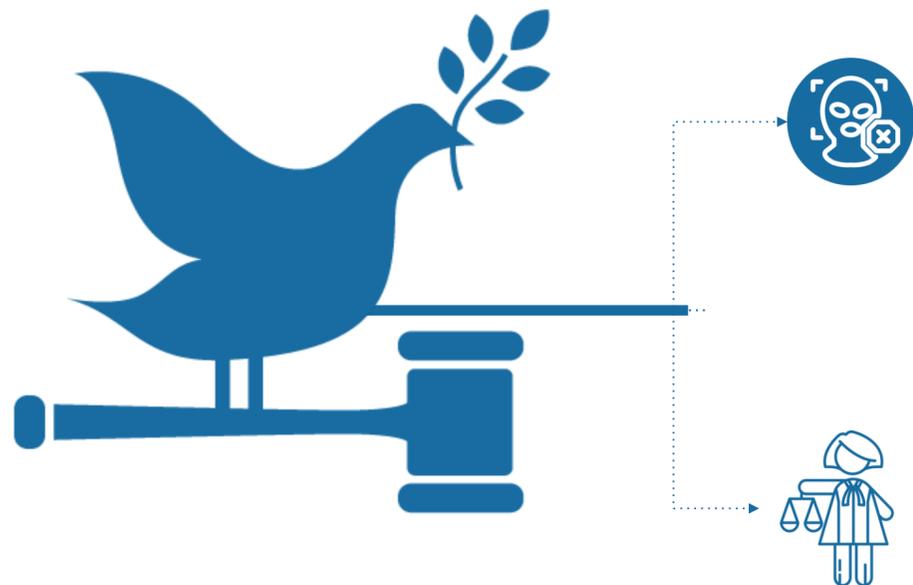
# Responsible Consumption

Ensure sustainable consumption and production patterns



# Peace and Justice

Working internally to promote peaceful and inclusive societies to achieve sustainable development, providing access to justice for all and develop effective, accountable and inclusive institutions at all levels.

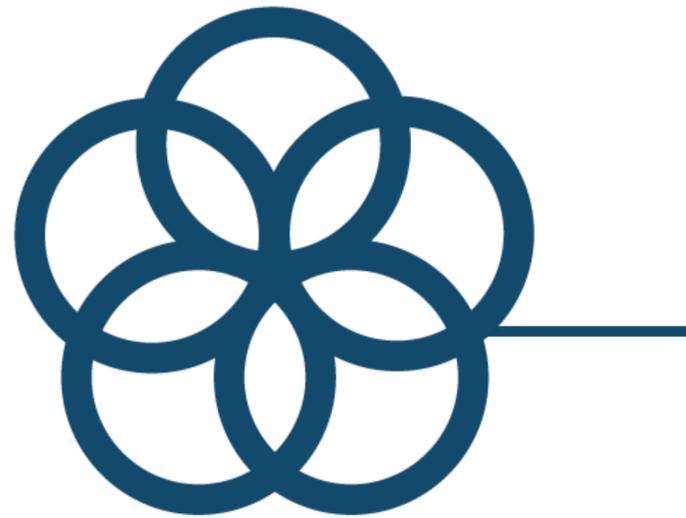


Through port operations:  
safe and secure port operations

Children's rights workshops  
Community workshops

# Partnerships for the objectives

To achieve sustainable development desarrollo sostenible



**In  
Conclusion**

Public private partnerships

Multistakeholder engagement and partnerships