

# GREENHOUSE GAS EMISSIONS ESTIMATION FOR THE DEPARTMENT OF LORETO **PERÚ**

Estimates by  
SEEG Perú



With the support of:



Land use change

87.6%

	Agriculture Energy and livestock	Waste	Industry
	10.7%	1.2%	0.5% 0.01%

# LAND USE

Emissions from land use change,  
liming and burning of forest residues

Emissions in thousand t CO<sub>2</sub> e

23,076

92.9%  
of total released

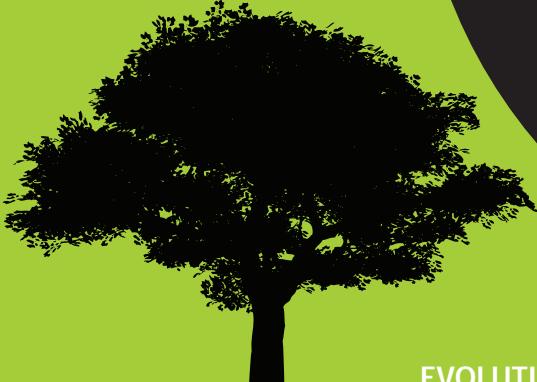
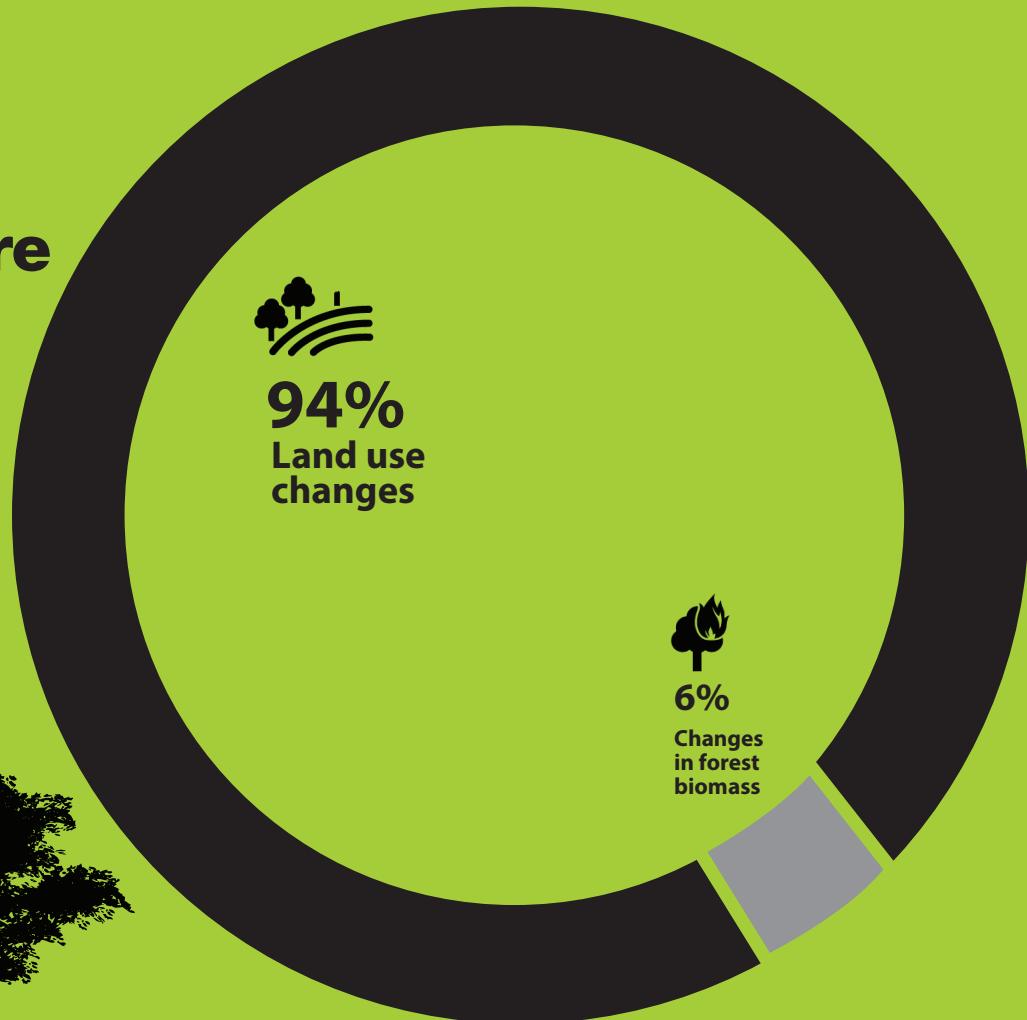
GROSS EMISSIONS  
2005

17,661

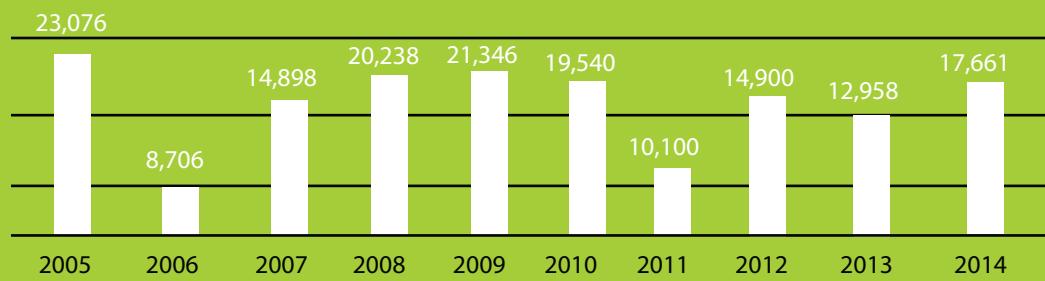
87.6%  
of total released

GROSS EMISSIONS  
2014

What  
processes  
release more  
gases?



EVOLUTION OF GHG EMISSIONS IN THE REGION OF LORETO (MT CO<sub>2</sub>e)



Land use change

Agriculture  
and livestock

Energy

Waste

Industry

87.6%

10.7%

1.2%

0.5%

0.01%

# ENERGY

Emission generated by production  
and consumption of energy

Emissions in thousand t CO<sub>2</sub> e

**1,465**

**5.9 %**

GROSS EMISSIONS  
2005

**2,155**

**10.7 %**

GROSS EMISSIONS  
2014

**What  
processes  
release more  
gases?**



**99.7%**  
Fuel burning

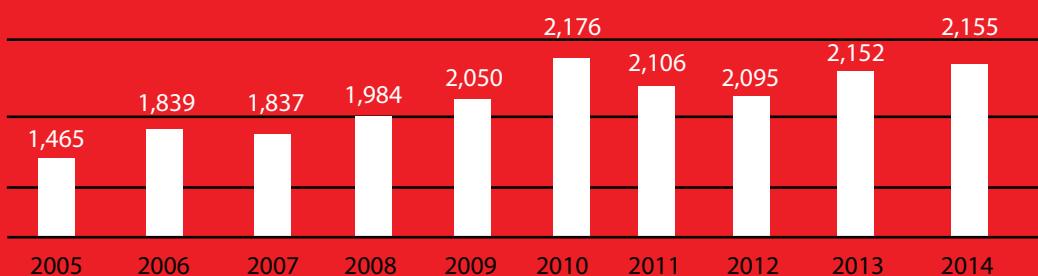


**0.3%**

Fugitive  
emissions  
from fuel production



EVOLUTION OF GHG EMISSIONS IN THE REGION OF LORETO (MT CO<sub>2</sub>e)



Land use change

87.6%

Agriculture and livestock	Energy	Waste	Industry
10.7%	1.2%	0.5%	0.01%

# AGRICULTURE AND LIVESTOCK

Emissions from livestock / crops production and soil management

Emissions in thousand t CO<sub>2</sub> e

204

0.8%  
of total released

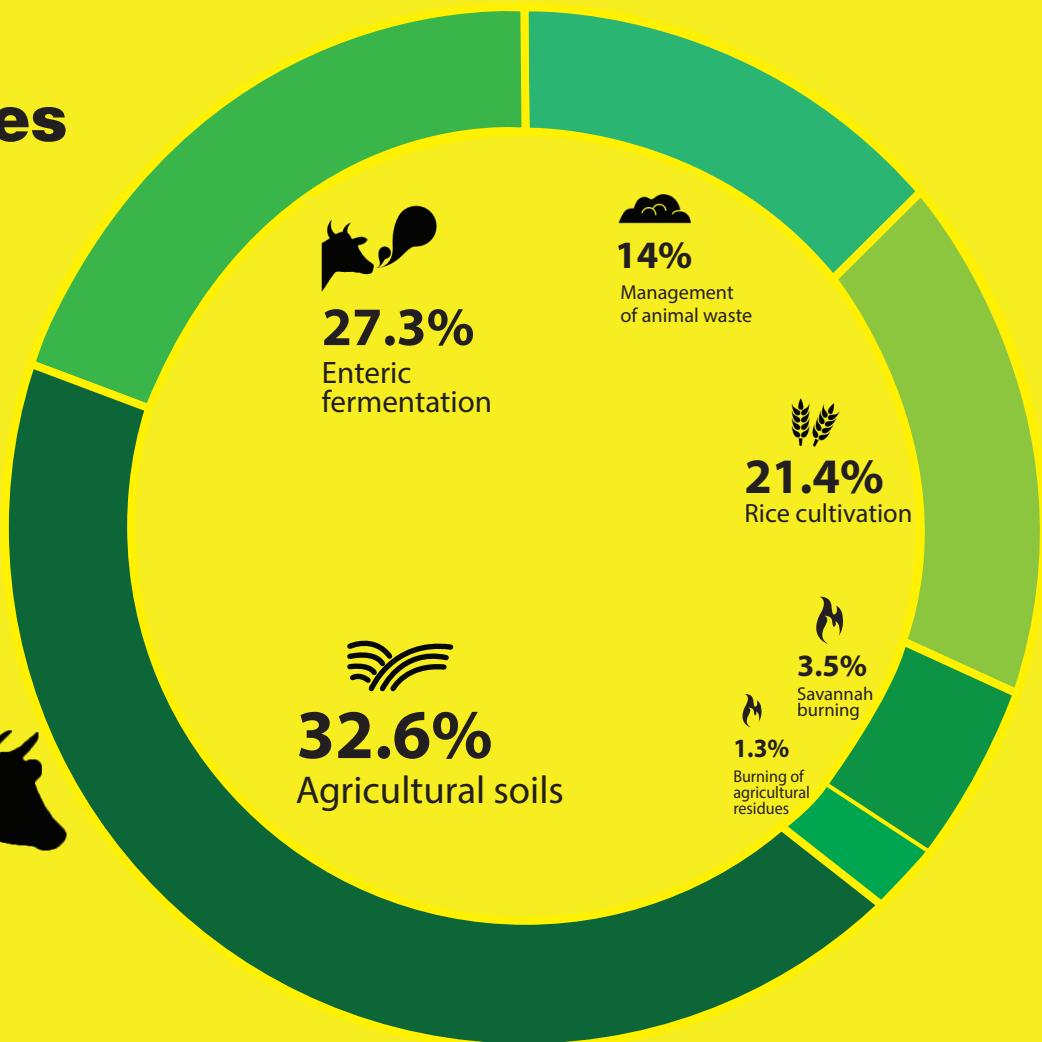
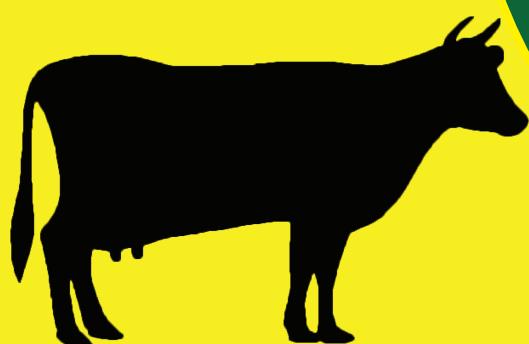
GROSS EMISSIONS  
2005

235

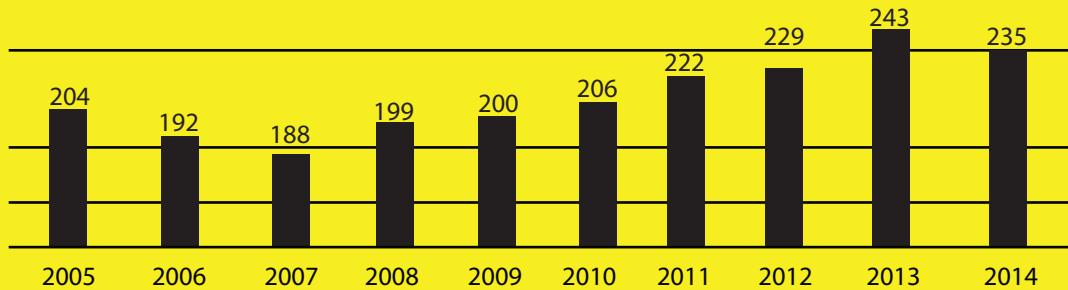
1.2%  
of total released

GROSS EMISSIONS  
2014

**What processes release more gases?**



EVOLUTION OF GHG EMISSIONS IN THE REGION OF LORETO (MT CO<sub>2</sub>e)



Land use change

87.6%

	Agriculture and livestock	Waste	Industry
Energy	10.7%	1.2%	0.5%
			0.01%

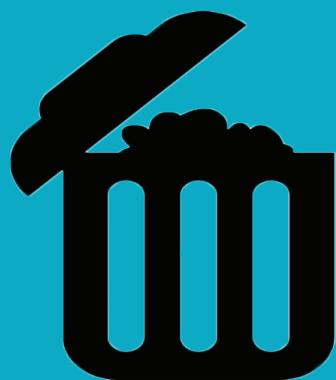
# WASTE

Emission generated by wastewater treatment and waste disposal.

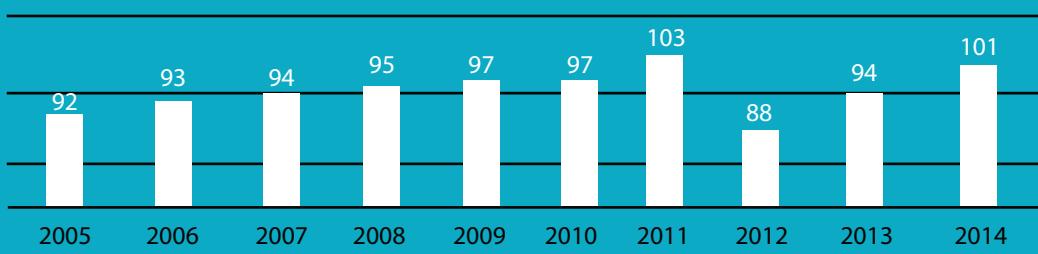
Emissions in thousand t CO<sub>2</sub> e

92	<b>0.4 %</b> of total released	101
GROSS EMISSIONS		GROSS EMISSIONS
2005		2014

## What processes release more gases?



EVOLUTION OF GHG EMISSIONS IN THE REGION OF LORETO (MT CO<sub>2</sub>e)



Land use change

87.6%

	Agriculture and livestock	Energy	Waste	Industry
Land use change	1.2%	10.7%	0.5%	0.01%

# INDUSTRY

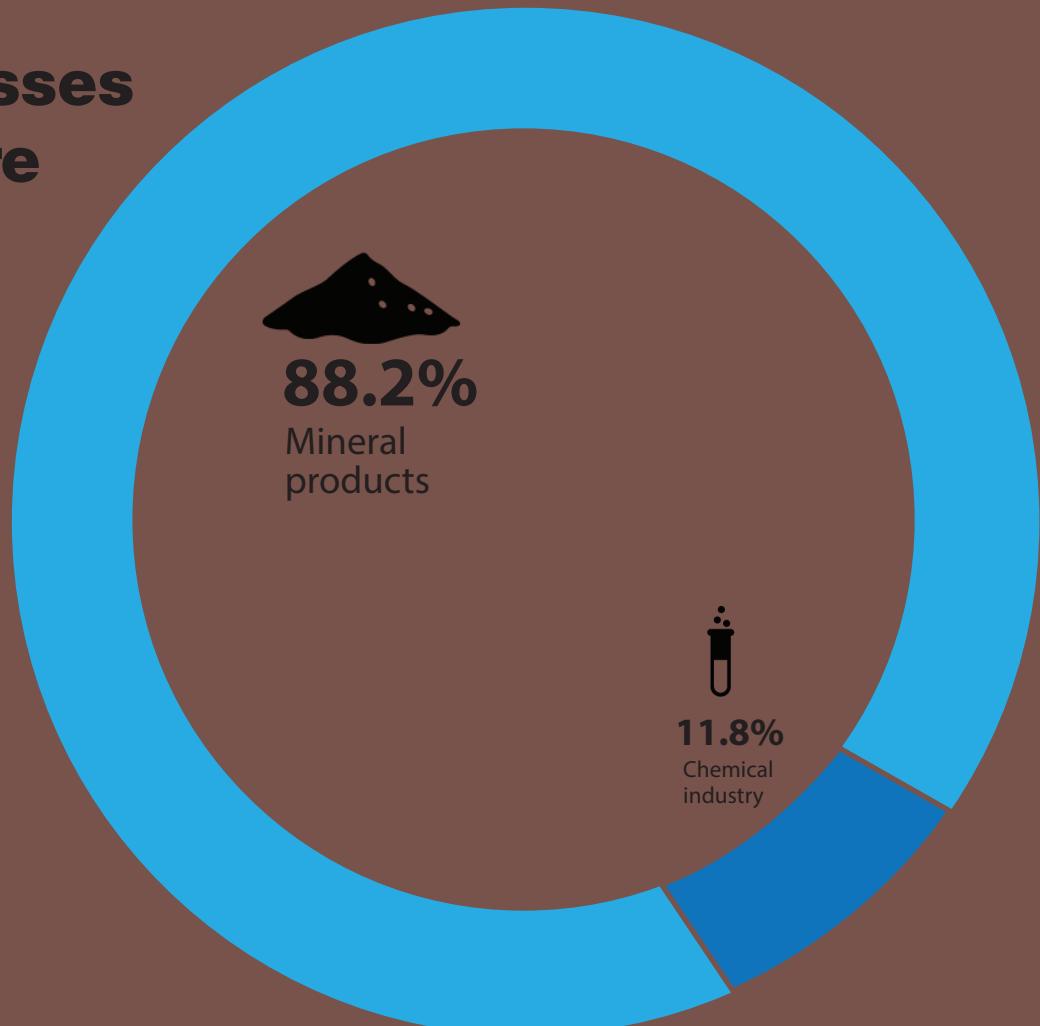
Emission generated by physicochemical processes during industrial production

Emissions in thousand t CO<sub>2</sub> e

0,7  
**0.003%**  
of total released  
GROSS EMISSIONS  
2005

1,7  
**0.001%**  
of total released  
GROSS EMISSIONS  
2014

**What processes release more gases?**



EVOLUTION OF GHG EMISSIONS IN THE REGION OF LORETO (MT CO<sub>2</sub>e)

