

“International Renewable Energy Agency - IRENA”

“Multi-stakeholder workshop
on wind energy”

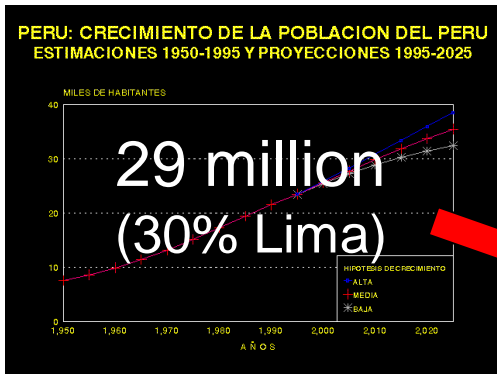
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Where is Peru?



- Peru is located in the South America.
- It is divided into three distinctive geographic regions: the Coast, the Highlands, and the rainforest.
- The Amazon River's born in Peru.
- The Andes Mountains link Peru with Ecuador, Colombia, Bolivia and Venezuela.
- Through the Pacific Ocean, Peru is linked with the others APEC's countries.

Peru's Basic Information

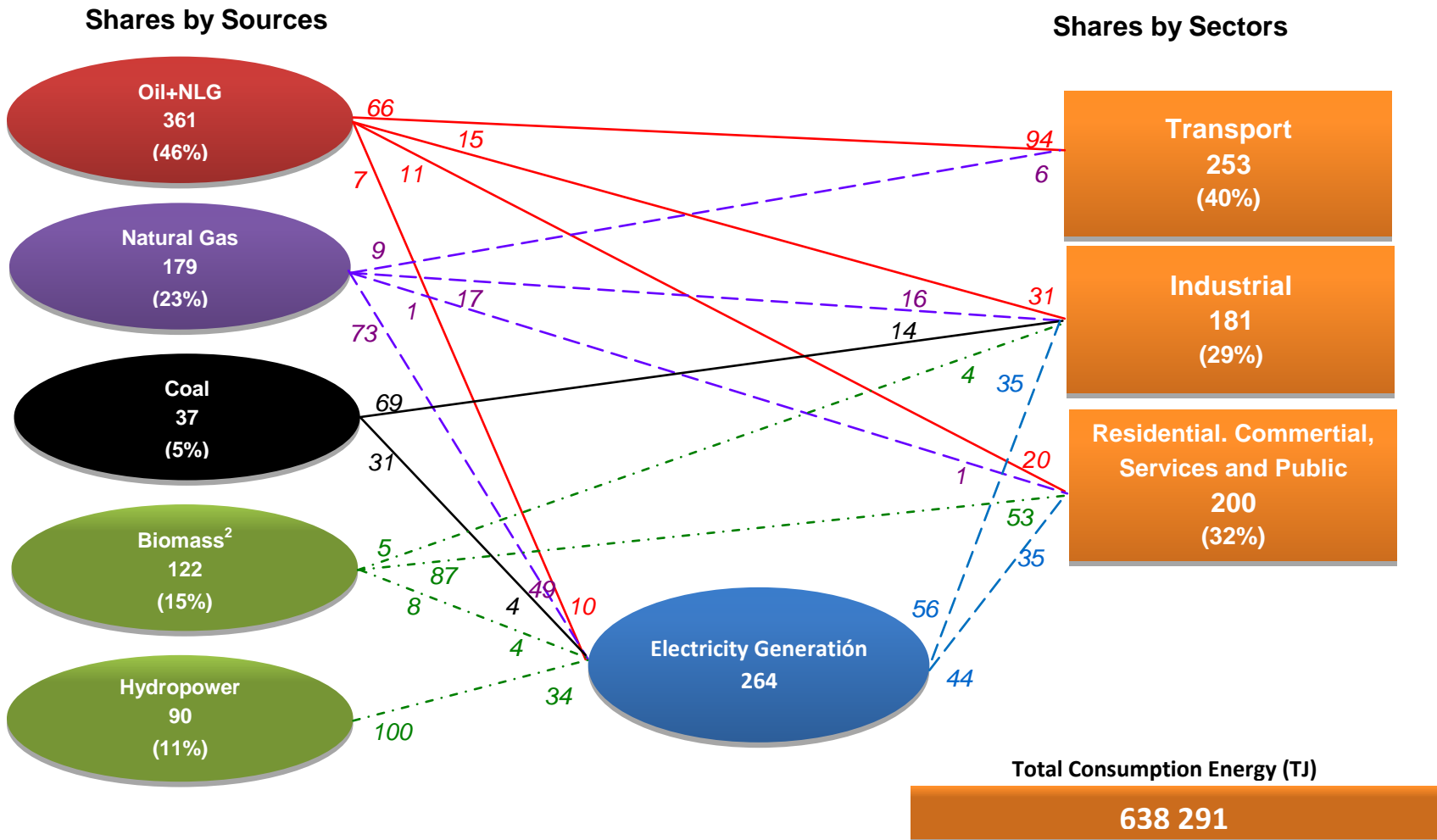


- Capital: Lima
- Official language: Spanish (over 70% of the population)
- Other segments of the population, Quechua, Aymara, Ashaninka, Aguaruna, etc.
- Other major cities:
 - Cusco: 3399 meters
 - Arequipa: 2335 m
 - Chiclayo: 29 m
 - Tacna: 562 m

- The majority of the population is Catholic
- Official Currency: Nuevo Sol (S /.)
- Exchange rate: U.S. \$ 1 = S /. 2.65
- Total area: 1 285 216 km²



Peru's Energy Matrix 2010 - PJ



Energy Policy of Peru

- Nine objectives according DS 064-2010-EM:
 1. Having a diversified energy matrix with emphasis on renewable sources and energy efficiency.
 2. Having a competitive energy supply.
 3. Universal access to energy supply.
 4. Having greater efficiency in the production chain and energy use.
 5. Achieving self-sufficiency in energy production.
 6. Develop an energy sector with minimal environmental impact and low-carbon within a framework of sustainable development.
 7. Develop the natural gas industry and its use in home activities, transportation, trade and industry, as well as efficient electrical generation.
 8. Strengthen the institutionality of the energy sector.
 9. Integrate with the region's energy markets.

Regulatory Framework to Renewable Energy

- **D.L. N° 1002** (2008-05-02)
Law to Promote Electricity Generation with Renewable Energy - RER.
- **D.S. N° 012-2011-EM** (2011-03-23)
Regulation of the Electricity Generation with Renewable Energy.
- **Ley N° 26848** (1997-07-29)
Organic law on Geothermal Resources.
- **D.S. N° 019-2010-EM** (2010-04-08)
Regulation of the Organic Law on Geothermal Resources.
- **D.L. N° 973** (2007-03-10)
Law establishing the Special Regime of Advanced Recovery of IGV.
- **D.L. N° 1058** (2008-06-28)
Law establishing the benefit of Accelerated Depreciation to Hydropower and other Renewable Projects.

Renewable Energy Resources - RER

- **Biomass,**
- **Wind**
- **Solar**
- **Geothermal**
- **Tidal**
- **Hydropower** (Less than 20MW)

Regulatory Framework to Renewable Energy

<i>Technology</i>	<i>Projects</i>	<i>Start Operation</i>	<i>MW</i>	<i>Total Power (MW)</i>	<i>Estimated Investment (MM US\$)</i>
Wind	Cupisnique	2012	80.0	232.0	246.0
	Talara	2012	30.0		108.0
	Marcona	2012	32.0		96.0
	Tres hermanas	2014	90.0		270.0
Solar	Panamericana	2012	20.0	96.0	87.0
	Majes	2012	20.0		76.0
	Repartición	2012	20.0		76.0
	Tacna	2012	20.0		85.0
	Moquegua	2014	16.0		68.0
Biomass	Paramonga	2010	23.0	29.4	9.3
	Huaycoloro	2012	4.4		9.2
	La Gringa V	2014	2.0		4.2
Hydropower	24 projects	2013 & 2014	299.7	299.7	333.6
Total RER			657.1	657.1	1,468.3



PERÚ

Ministerio
de Energía y Minas

***Thank you for your
attention !!!***

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