# Codensa and Emgesa's 9M 2014 Results

Bogota, November 6, 2014

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- Emgesa and Codensa 9M 2014 Operating Results
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Main highlights on growth, competitiveness and sustainability

Growth





Competitiveness





Sustainability

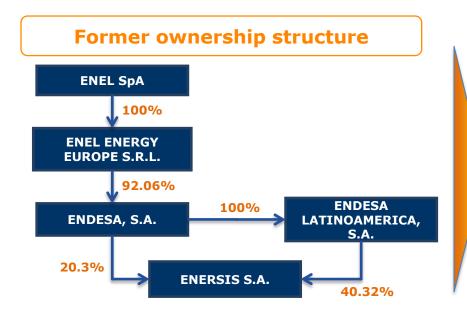


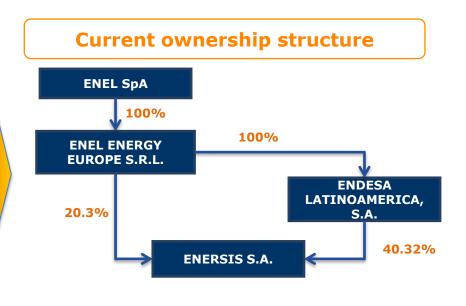




#### Enersis sale to Enel:

✓On October 23, Endesa, S.A. finalized the sale of the shares directly held of Enersis S.A. to Enel Energy Europe, S.R.L., equal to 20.3%. Additionally, Endesa, S.A. sold 100% of the shares of Endesa Latinoamérica, S.A. (which owned 40.32% of Enersis S.A.'s equity) to Enel Energy Europe, S.R.L.



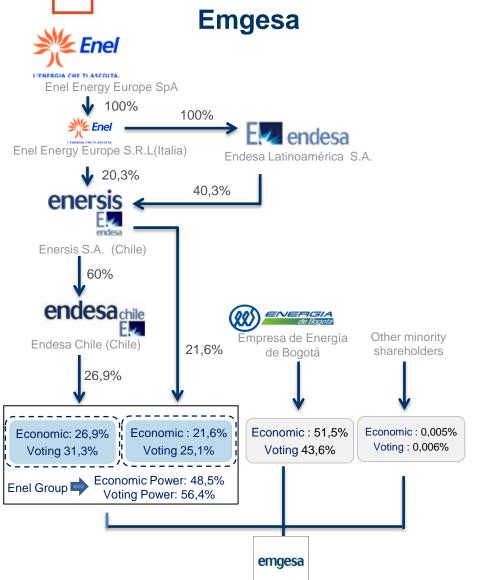




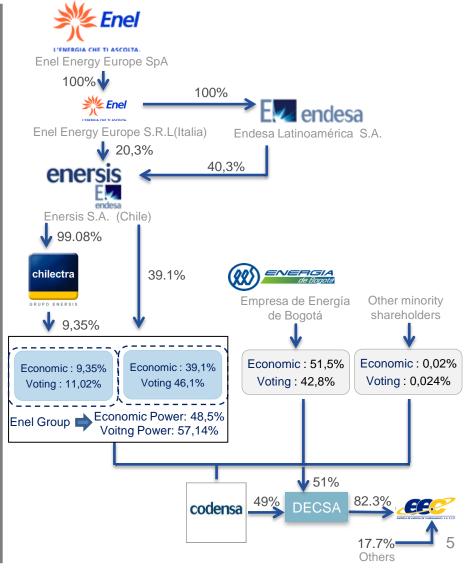
### **3Q 2014 Highlights**

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Changes in shareholder's ownership



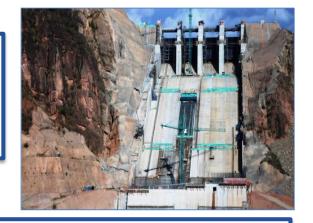
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Important execution in projects under development and new business

**80% physical execution of Quimbo.** Accumulated investment for USD\$788 million (constant USD of 2010). 28.000 applications to be included in census after Constitutional Court ruling.





Beginning of operations of Emgesa as a gas supplier, after the allocation of gas contracts in the secondary market.

93% of physical execution of the Repowering of Salaco in the Bogota River. Dario Valencia (150 MW) and Salto II (35 MW) in operation in 2014. Laguneta (36 MW) expected to enter into operation by the end of 2014 completing the repowering. By the end of 2014, Emgesa's installed capacity will increase to 3,058 MW



3Q 2014 Emgesa: Competitiveness

Competitiveness and financial results

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Positive hydrological conditions with higher than average rain levels in Emgesa's reservoirs, increasing its net generation within the system. The Guavio power plant reached its maximum historical monthly generation with 806 GWh/month in August.

Opening Balance Sheet under IFRS as of January 1, 2014 presented to the Superintendence of Public Services.

Visit to El Quimbo and Betania in October with a group of local investors and financial analysts.

Payment of dividends to shareholders for COP\$524,5 billion (USD\$259 million) year to date.



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### 3Q 2014 Codensa Highlights: Growth

Nueva Esperanza Substation execution and electric mobility news

### Advances in the execution of strategic projects for Colombia's energy supply:

- •Nueva Esperanza Substation: In July 2014 the project received the environmental license by the Cundinamarca environmental authority.
- •Norte Substation: Allocation of technical equipments contract.
- •Bacata: 40% civil works execution and 97% civil and mechanical engineering execution





### Submission of Electric Transmilenio Phase I and II Project by Bogota Elektrika (PPA).

- ✓ Replacement of 1,245 buses with electric vehicles.
- ✓ COP\$5.5 trillion (USD\$2,7 Bn) total investment in 30 years. Codensa's investment in electric infrastructure for COP\$300 billion (USD\$148 million)

3Q 2014 Codensa : Competitiveness

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Developments in energy tariffs revision, public lighting and financial results.

Advance in energy tariffs revision:

CREG resolutions N° 079 and N°112 of 2014 with guidelines and preliminary criteria to determine the WACC applicable to calculate the return on the investment in electrical assets for distribution companies.

Allocation of the LED bulbs supplier in the project to modernize public lighting in Bogota

Confirmation of Codensa's AAA (col) local long term credit rating by Fitch Ratings.

Issuance of the Third Tranche under local bond Program for COP\$185 billion (USD\$91 million) in September 2014 with a 7 year tenor. The issuance was 2.1 times oversubscribed and was allocated at a coupon of CPI + 3.53%

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### **3Q 2014 Highlights: Sustainability**

Commitment to our stakeholders

Educational Programs with communities: "Educando con Energía" and "Luces para aprender"

"El Bosque Renace" an environmental initiative to protect and restore the Bogota River ecosystem

Alliance between Codensa and Andes University to participate in the project **Solar Decathlon 2015** 

Renovation of IR Recognition from Colombian Stock

Exchange) to Codensa and Emgesa for the best practices in Investor Relations

Local newspaper "El Espectador" recognized Codensa as one of the most sustainable companies in Colombia for its efforts to promote innovation through a our IDEO system





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#### **Emgesa's Generation**

Higher generation as a result of positive hydrological conditions

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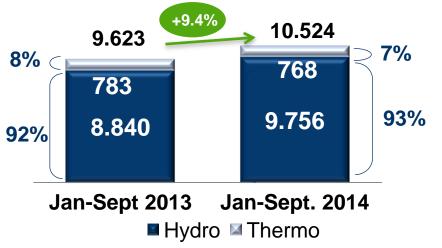
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91.3% **Availability index of plants:** (-0.2% vs. 3Q2013)

**Market share by installed** 20.7% capacity: (+1.0% vs.3Q2013)

Market share by generation: 22.0% (+1.3 vs.3Q2013)

#### **Emgesa's Generation (GWh)**

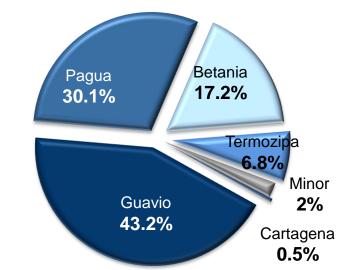


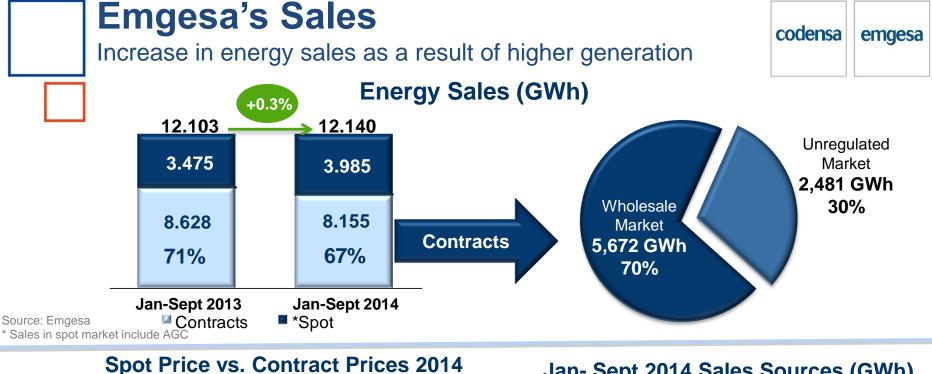
Source: Emgesa

#### **Emgesa's Generation Plants**

(% of Emgesa's accumulated generation Jan-Sept 2014)

Rain above historical levels in the areas where Emgesa's reservoirs are located in contrast with the rest of the country

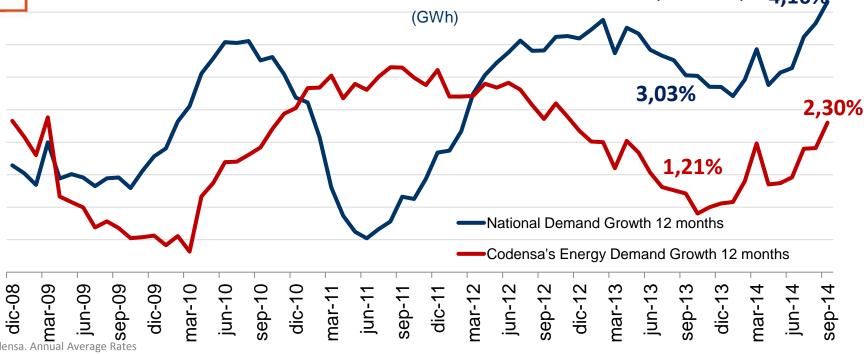






Commercial policy focused on intermediation in the spot market





Source: Codensa, Annual Average Rates

National energy demand growth at 4.16% as of Sept 2014. Energy demand growth primarily supported by the energy demand from the mining and oil industry, the construction and the manufacturing industry.

Growth rate of energy demand in Codensa's area at 2.30%, essentially resulted from a growth in the use of Codensa's networks by other commercialization companies and to the growth of the industry located in **CODENSA's area of influence** 

<sup>\*</sup> Energy demand in Codensa's area is calculated including the electricity received by the Guaca Substation which is destined to the regional distribution company of Tolima from 2013 on, increasing the use of Codensa's networks by other network operators. For comparison reasons the data from January 2011 was recalculated including this correction.

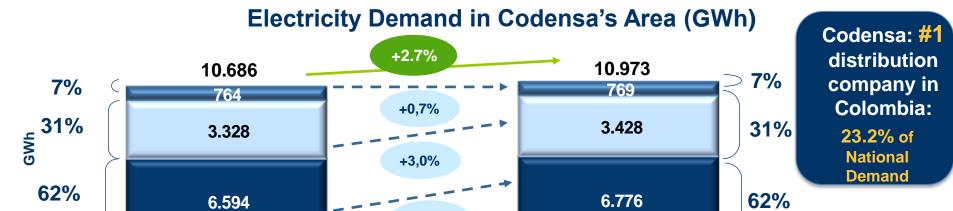
### Codensa's Energy & Sales

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Increased growth in sales and in the use of Codensa's networks





Jan-Sept. 2013

Jan-Sept. 2014

- Regulated Market Sales
- Use of Networks by other commercialization Co.

Source: Codensa.

Use of networks by network operators, generation aux. and other

+2,8%

+2.8% in energy sales volume to the regulated market

+3.0% in use of Codensa's networks by other commercialization Co.

+0.7% growth of energy transferred to network operators from other regions from Codensa's area

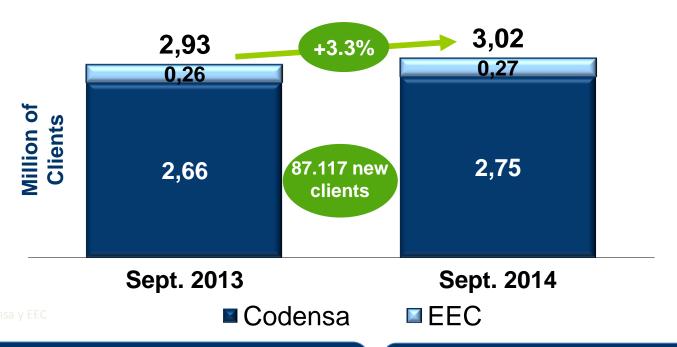
#### **Codensa's Growth of Client Base**

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Sustained organic growth in Codensa's area of influence





Important organic growth:

Codensa incorporated 64,542 customers into its area of influence in the first 9M 2014

More than 2,1 million of calls from clients received and resolved and more than 4,8 million transactions via web page from Codensa's clients between Jan-Sept 2014



### **Codensa's Quality Indicators**

Challenging conditions to maintain quality of service

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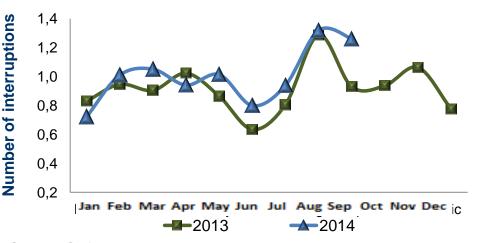
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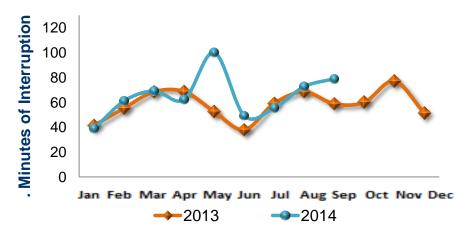


SAIFI\* SAIDI\*\*

Annual Var. 2014 vs. 2013: +10.1%

Annual Var. 2014 vs. 2013: +14.9%





Source: Codensa

Index results are considered manageable incidents by the company excluding the larger forces and external events.

Data just includes medium tension information.

Deterioration of SAIDI and SAIFI indexes due to higher rain levels in Codensa's area of influence, increase number of interruptions for trees and execution of scheduled works and failure of the Usme Substation in May, affecting more than 85,000 clients for about 26 hours. Codensa is already working in a plan to include remote control devices in the medium tension networks and to modernize metering equipments to reduce the time of failure detection

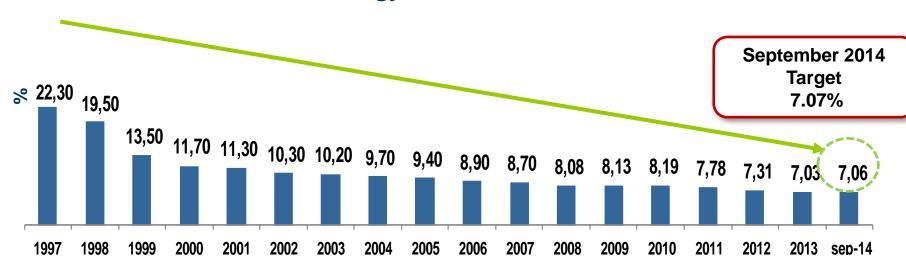
<sup>\*</sup>SAIDI: Average Interruption Duration Index

<sup>\*\*</sup>SAIFI: Average Interruption Frequency Index

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**Energy Losses Index** 



Source: Codensa

Losses Index remains at historical lows: 7.06% as of September 2014 due to continuous efforts by the technical areas and new technologies implemented in the last years, such as the monitoring center *Mantis*, the remote measurement in medium tension, theft control, client monitoring and programs to incentivize payment of the energy service.





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### Relevance of Colombia for the Group

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Leading contributor in LATAM with 43% of the region's EBITDA

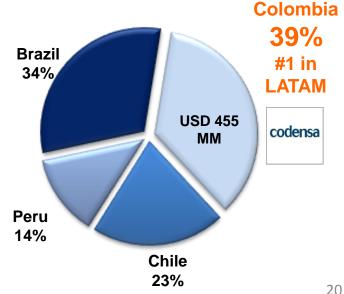
In 9M2014 Colombia was the first EBITDA contributor in LATAM with 43% of the region's EBITDA

#### **LATAM Generation EBITDA USD 1.651 MM**



Colombia **USD 1.162 MM** 

#### **LATAM distribution EBITDA USD 1.060 MM**





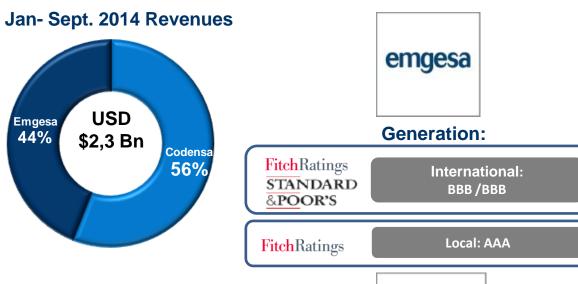
### **Aggregated figures for Colombia**

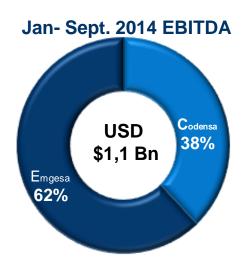
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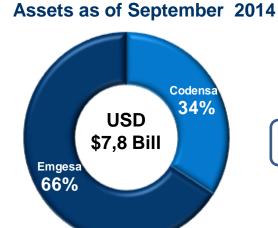
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Aggregated figures as of September 2014 (1)

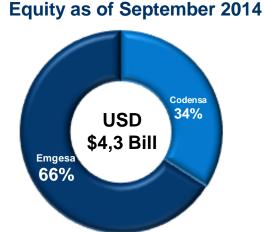










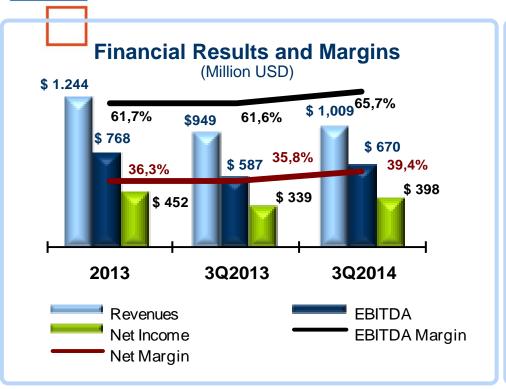


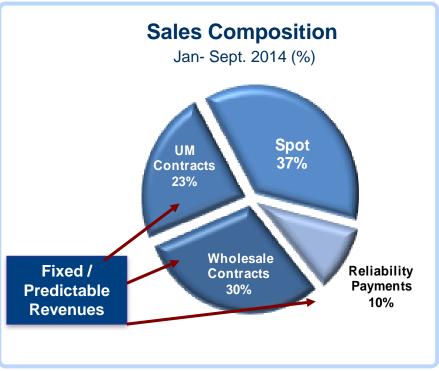
### **Emgesa's Financial Results**

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Strong financial results given extraordinary hydrological conditions





\*EBITDA is calculated by adding back the depreciation and amortization (included in cost of sales and administrative expenses) to operating income.

+12.2% operating revenues, +24.9% net income, +21.4% EBITDA and (YoY)

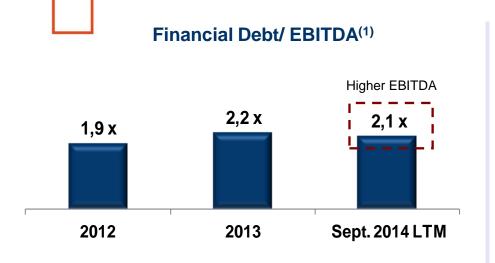
Increase in operating revenues due to higher energy sales prices in the spot market and a 14.7% growth in sales volume in the spot market.

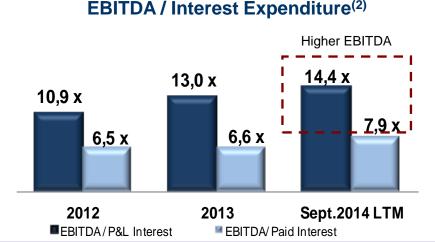
Cost of sales decreased by 3.1%, due to lower energy purchases in the spot market and lower thermal generation.

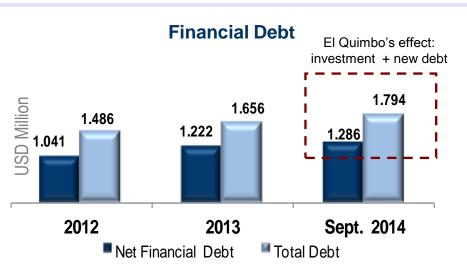
### **Emgesa's Key Credit Metrics**

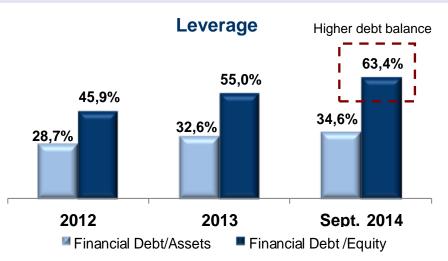
Strong for local AAA an international BBB credit rating











<sup>(1)</sup> EBITDA is calculated by adding back the depreciation and amortization (included in cost of sales and administrative expenses) to operating income.

(2) Financial expenditure associated to El Quimbo financing is being activated during the construction period of the project and will be reflected in the Company's P&L once the project starts its commercial operations. This is the reason for presenting two different calculations for the EBITDA/ Interest Expenditure.

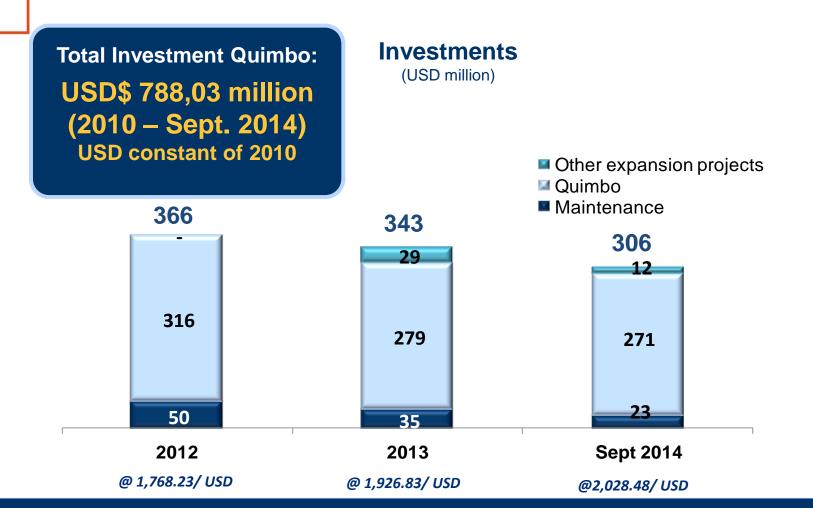


### **Emgesa's Investments**

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92% of total investment dedicated to expansion projects



Investments focused in the execution of El Quimbo Project, the Salaco repowering and maintenance for hydro and thermo plants

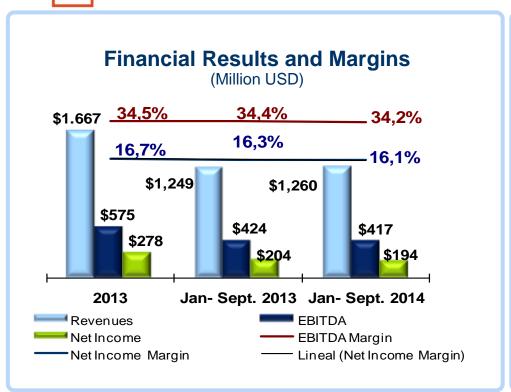


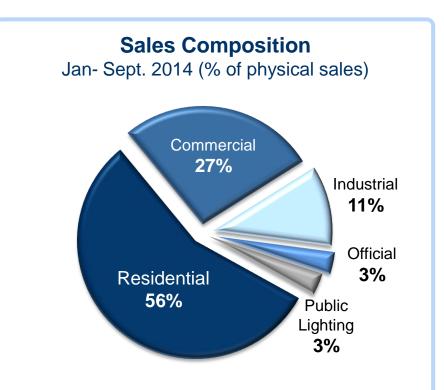
#### **Codensa's Financial Results**

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Growth in operational revenues and margin stability





+7.2% operational revenues, +4.5% EBITDA (YoY) and +1.4% net income

Increase in revenues due to higher demand of energy in area of influence, higher value of the generation component in the tariff, and higher revenues resulted from the recognition of maintenance costs in the tariff.

Sales to residential and commercial clients: 83% of operational revenues

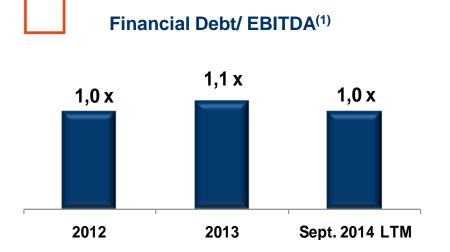
### **Codensa's Key Credit Metrics**

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**Sept. 2014 LTM** 

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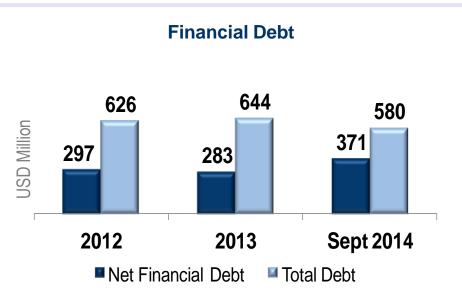
Conservative risk profile consistent with AAA local rating

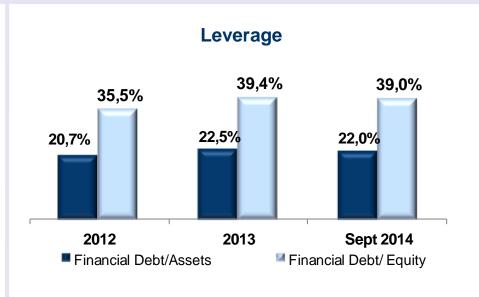




2013

2012





2012

#### **Codensa's Investments**

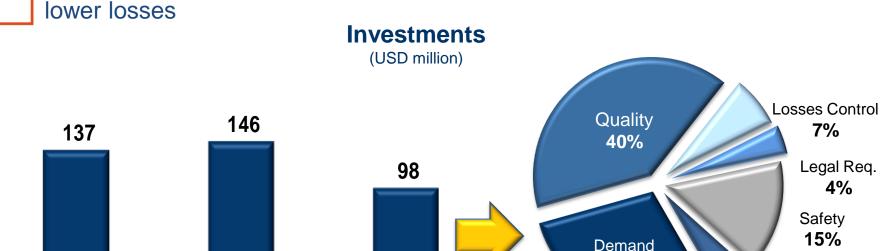
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Strategic **5%** 

29%

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Investments to serve demand growth, quality of service and



Total investments reached USD\$ 98 million in the 3Q2014, focused in:

 Serving growing demand, through new substations that guarantee energy supply for the country: USD\$28 million

**Jna- Sept. 2014** 

Improve quality service and continuity: USD\$39 million

2013

- Control operational risks for safety conditions: USD\$15 million
- •Control of non-technical losses: USD\$7million

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### **Emgesa and Codensa's Highlights**

Strength of financial and operational results



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Important growth in operational results with strong and positive financial results.

Progress in the execution of El Quimbo plant and the Salaco repowering, two major generation investments that will increase Emgesa's installed capacity by more than 18% by 2015.

Solid and sustained financial credit metrics and low leverage indicators, both in Emgesa and Codensa, that support our local AAA and international BBB credit risk ratings.



#### **Investor Relations Team**

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Visit our web pages for additional information: www.emgesa.com.co / www.codensa.com.co



### **Emgesa's Debt Profile**

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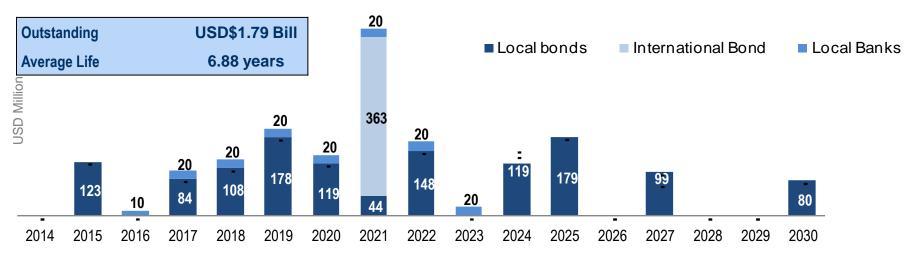
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Moderate amortization profile despite new projects development



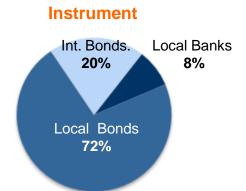
(MM USD) as of September, 2014

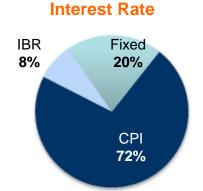
EBITDA (2013) ~ USD\$768 Million



### Financial Debt Breakdown as of September, 2014

CoP 100%





## Codensa's Debt Profile Conservative debt profile

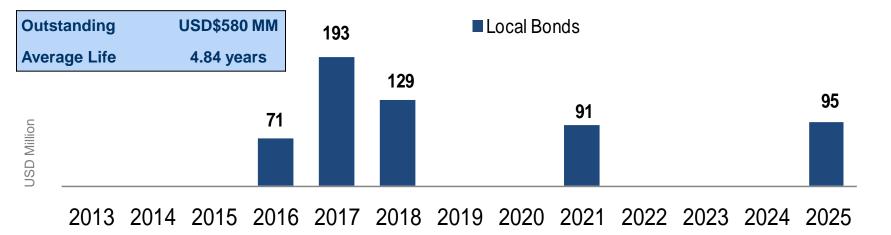
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(MM USD) as of September, 2014

**EBITDA (2013) ~ USD\$575 Million** 



#### **Financial Debt Breakdown**

as of September, 2014













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