# Codensa and Emgesa's Results

As of March, 2014

Bogota, April 30, 2014

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- Emgesa and Codensa 1Q 2014 Operating Results
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## 1Q 2014 Emgesa Highlights

Important advances in projects under development (El Quimbo and Salaco)

Mixed hydrological conditions with higher than average rain levels (103.5% of historical average) in the southern part of the country and dry conditions in the rest of regions. Reservoir levels at 57.3% of total capacity on an aggregated basis



77.2% physical execution of the Repowering of Salaco on the Bogota River. Entrance into operation of an additional repowered unit (2 out of 6), adding 50 MW of installed capacity. La Junca and La Tinta (39 MW) power plants were shut down in 2013.

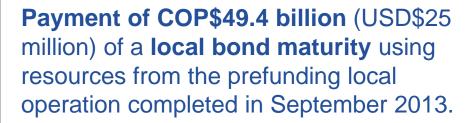




## 1Q 2014 Emgesa Highlights

Local bond maturity and approval to distribute 2013 dividends

Physical execution of 64.8% for El Quimbo project. Accumulated investment for USD\$639,8 million (constant USD of 2010). Beginning of the revision of census requested by the Constitutional Court



Approval from the ordinary Shareholder's Meeting (March 26) to distribute dividends corresponding to 100% of 2013 net income for a total amount of COP\$870 billion (USD\$443 million), which will be paid in 2014 and 2015.





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## 1Q 2014 Codensa Highlights

Energy demand growth and challenging conditions to maintain quality of service

3,43% growth in energy demand on a national basis and 1.98% in Codensa's area of influence, mainly due to the recovery from the manufacturing and mining industries

Deterioration of quality of service indexes (SAIDI and SAIFI) as higher than average rain levels in Codensa's area of influence result in failures in circuits and electrical transformers

First Place in the Street Intelligence Ranking for Codensa's Copilots Project consisting in the installation of 674 cameras in the operating fleet to monitor the observance of security standards to prevent accidents



1Q 2014 Codensa Highlights

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Positive news on the electric mobility initiatives in which Codensa participates

Members of the PPA Bogota Electrika (project to transform Bogota's current massive transportation system into an electricity based system) received notification to advance to the feasibility stage which requires the preparation of final studies (technical and financial) in the next 6 months.



Payment of COP\$250 billion (USD\$127 million) of a local bond maturity using resources from the prefunding local operation completed in November 2013.

Approval from the ordinary Shareholder's Meeting (March 27) to distribute dividends corresponding to 100% of 2013 net income for a total amount of COP\$535 billion (USD\$273 million), which will be paid in 2014 and 2015.







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## **Emgesa's Generation**

Lower generation and availability of plants due to maintenance maneuvers



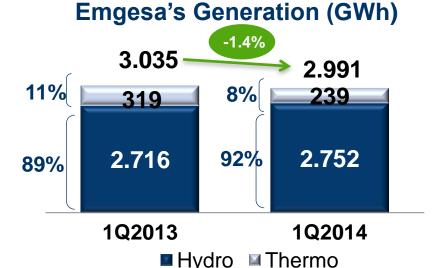
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Availability index of plants: 89.4% (-0.1% vs. 1Q2013)

Market share by installed 20.4% capacity: (+0.6% vs.1Q2013)

Market share by generation: 19.1% (-1.1 vs.1Q2013)

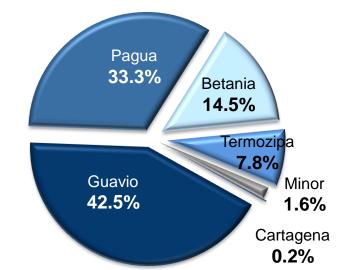
Source: Emgesa

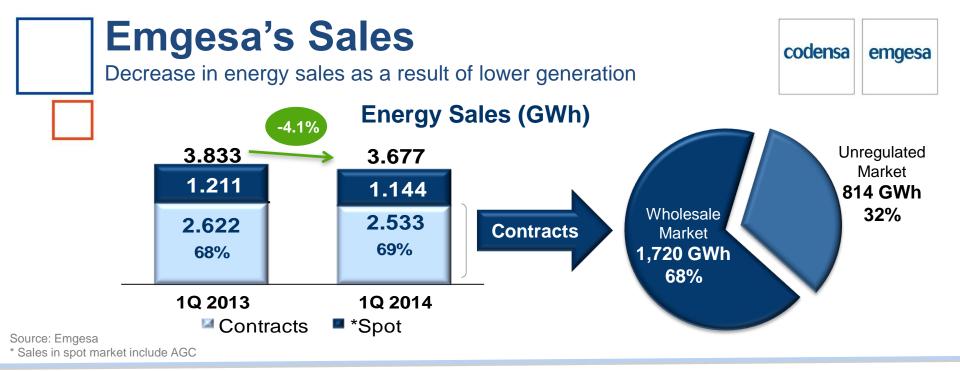


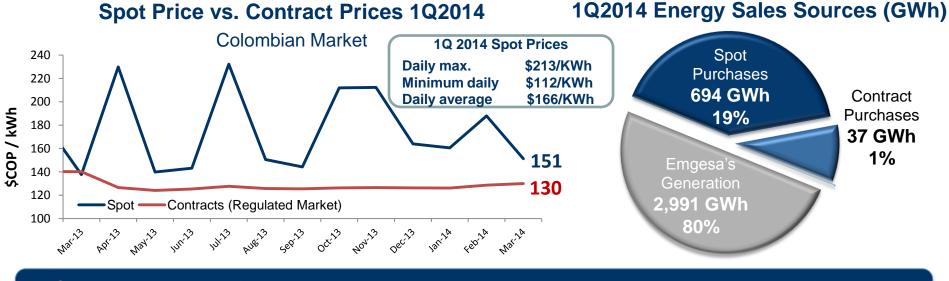
### **Emgesa's Generation Plants**

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

Lower generation due to maintenance of our thermal plants and low rain levels in the central and northeastern part of the country where Guavio and Pagua are located





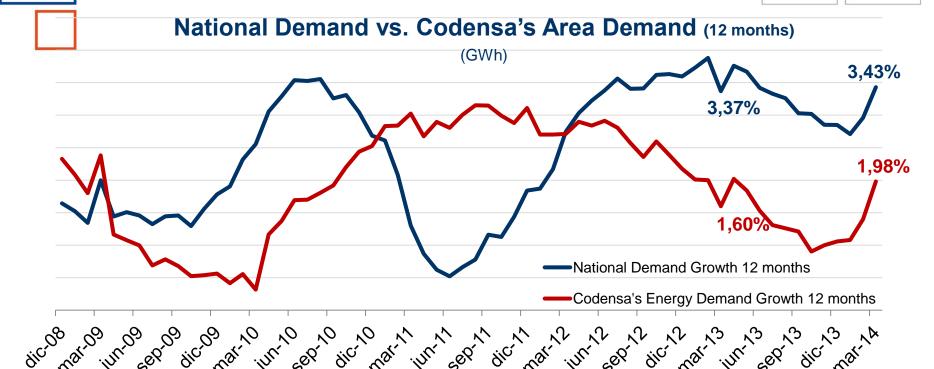


Commercial policy focused on intermediation in the spot market compensating for lower generation



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Source: Codensa. Annual Average Rates

National energy demand growth at 3,43% as of Mar. 2014. Recovery of energy demand growth in the 1Q 2014 due to recovery of the mining and oil industry, the manufacturing industry in the central region and high temperatures in the northern and eastern part of the country.

Growth rate of energy demand in Codensa's area at 1,98%, as a result of the recovery in the regulated market (residential and commercial clients), the manufacturing industry and in the use of Codensa's networks by other commercialization companies

<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.

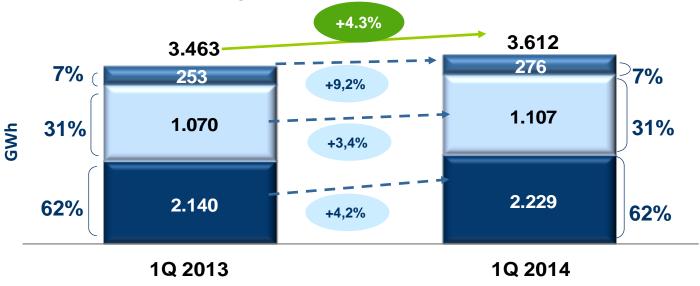
## Codensa's Energy & Sales

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





Source: Codensa.

- Regulated Market Sales
- Use of Networks by other commercialization Co.
- Use of networks by network operators, generation aux. and other

+4.2% in energy sales volume to the regulated market

+3.4% in use of Codensa's networks by other commercialization Co., as a result of slowdown of industrial activity and construction

+9.2% growth of energy transferred to network operators from other regions from Codensa's area

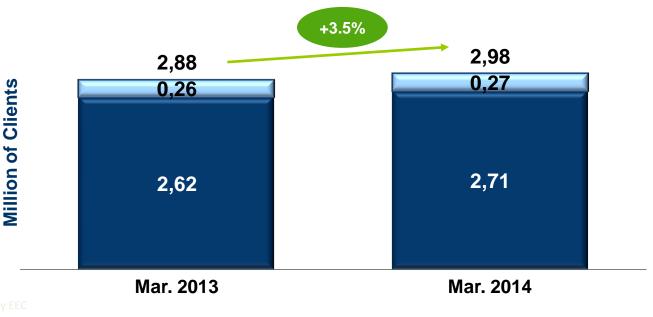
## **Codensa's Growth of Client Base**

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Important organic growth in Codensa's area of influence





Source: Codensa y EEC

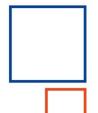
Codensa

■ EEC

Important organic growth in Codensa's area:

+22,714 new clients added in 1Q 2014

More than 367,000 calls from clients received and resolved and more than 1,1 million transactions via web page from Codensa's clients between Jan-March 2014



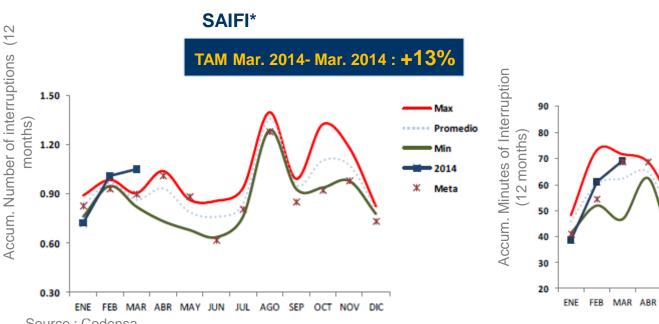
## **Codensa's Quality Indexes**

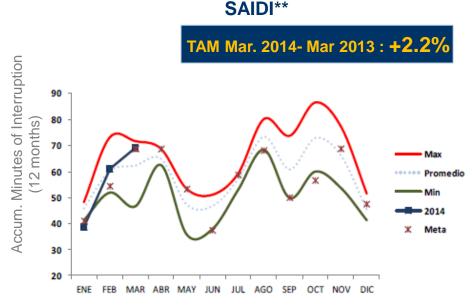
Challenging weather conditions to maintain positive results

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### **International Quality of Service Indexes**





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 the western and central part of Codensa's area of influence and difficulties to find the exact location of the failure in the system. Codensa plans 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



Source: Codensa

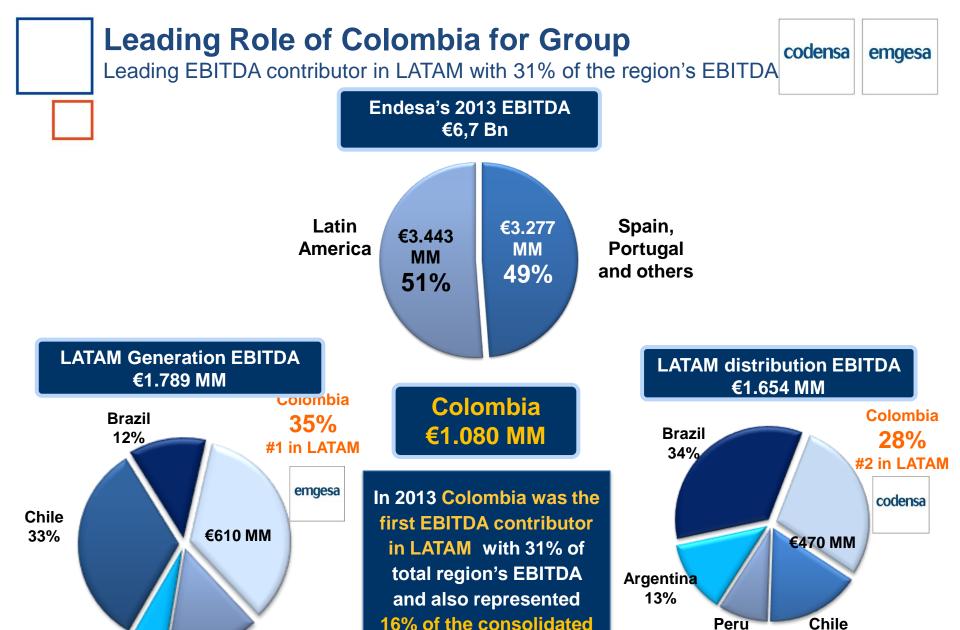
Losses Index remains at historical lows: 7.07% as of March 2014 due to continuous efforts by the technical areas and new technologies implemented in the last years, such as the monitoring center *Mantis*, the remote measurement in medium tension, theft control, client monitoring and programs to incentivize payment of the energy service.





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16 Emgesa's Investor Meetings NY

**EBITDA** of the Group

Peru

15%

**Argentina** 

6%

Chile

16%

Peru 9%

# E Ag

## **Enel Group in Colombia**

Aggregated figures for Codensa and Emgesa for 1Q 2014



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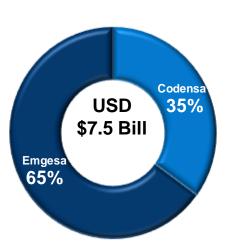
**Enel Group in Colombia 1Q2014**<sup>(1)</sup>



**1Q2014 EBITDA** 



Assets as of March 2014





#### **Distribution:**

FitchRatings Local: AAA





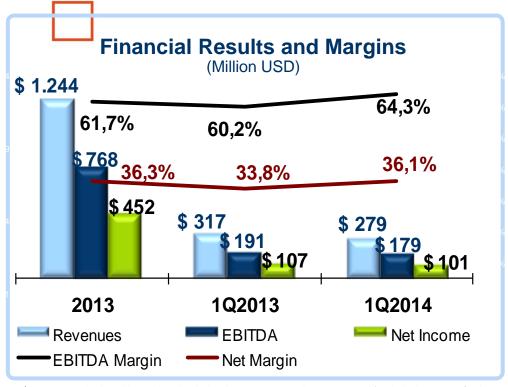
<sup>(1)</sup> Corresponds to aggregated and audited figures for Codensa and Emgesa as of March 31, 2014

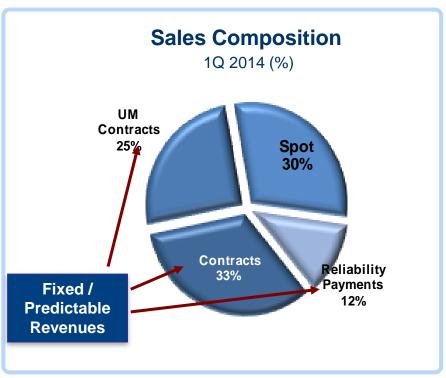
## **Emgesa's Financial Results**

Commercial policy's effectiveness proven in financial results

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

-5.6% operating revenues, +0.8% net income, +0.9% EBITDA and (YoY)

Commercialization activity in the spot market at high prices and lower sales to contracts to compensate for lower generation.

Cost of sales decreased by 14.8%, due to lower volume and price of the energy bought in the spot market and a 25.1% decrease in thermal generation

# Emgesa's Investments Execution of investments according to schedule

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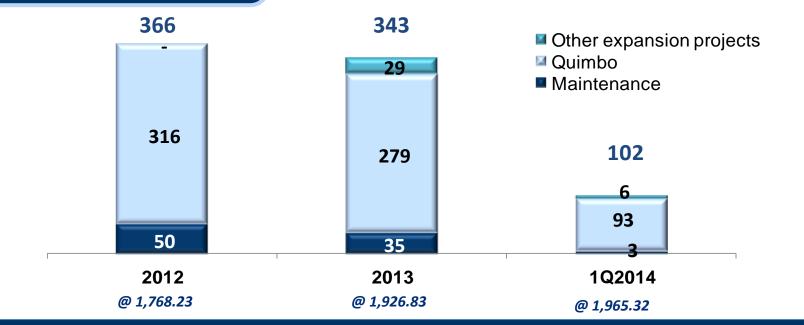


USD\$ 639.8 million (2010 – 1Q 2014)

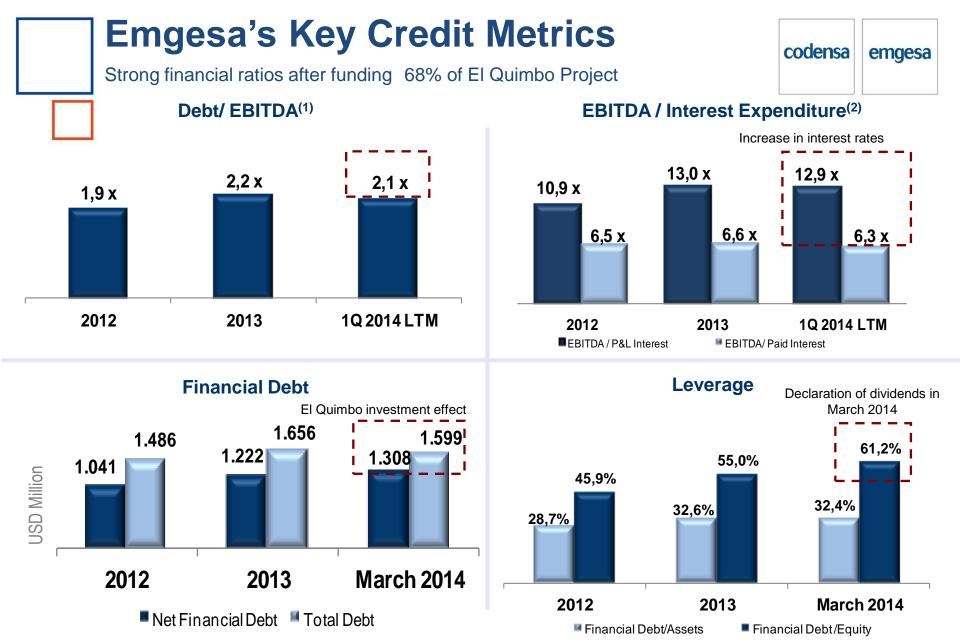
**USD** constant of 2010

## Investments

(USD million)



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



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

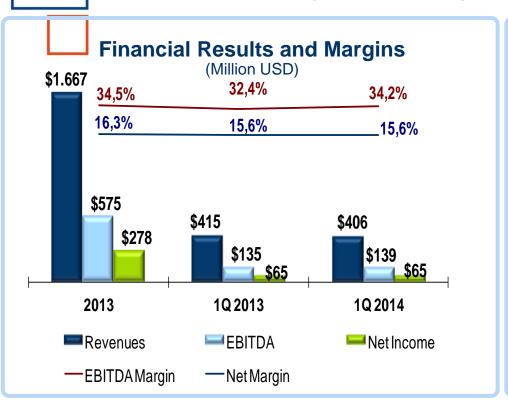
(2) Financial expenditure associated to El Quimbo financing is being activated during the construction period of the project and will be reflected in the Company's P&L once the project starts its commercial operations. This is the reason for presenting two different calculations for the EBITDA/ Interest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

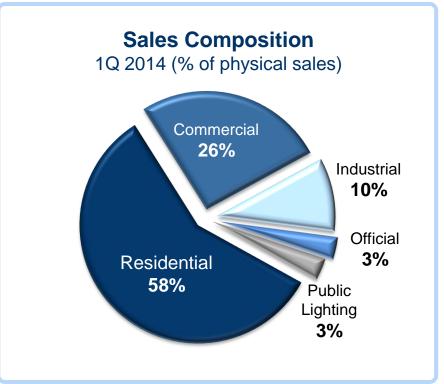
## **Codensa's Financial Results**

Operational revenues growth and margin stability

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+4.8% operational revenues, +10.6% EBITDA (YoY) and +8.3% net income

Increase in energy sales due to higher demand of energy in Codensa's area of influence

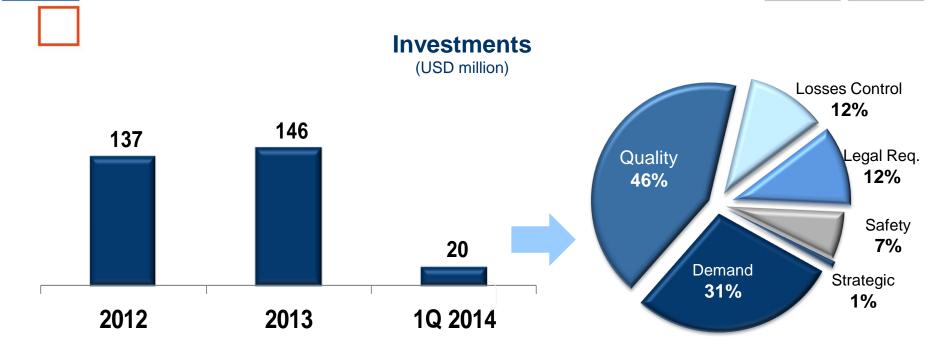
Sales to industrial and commercial clients: 84% of operational revenues

Codensa's Investments

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Investments to serve demand growth, quality of service and lower losses



#### Total investments reached USD\$20 million in the 1Q2014, focused in:

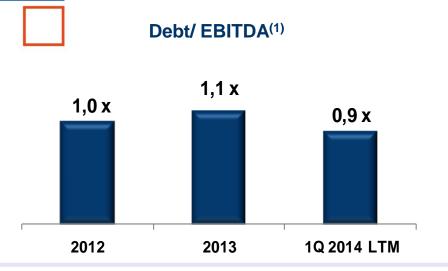
- Serving growing demand, through new substations that guarantee energy supply for the country: USD\$6.3 million
- Improve quality service and continuity: USD\$9.4 million
- Control operational risks for safety conditions: USD\$1.5 million
- •Control of non-technical losses: USD\$2.3 million

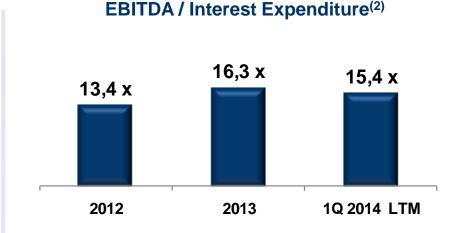
## **Codensa's Key Credit Metrics**

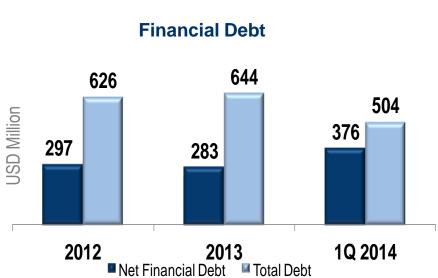
Conservative risk profile consistent with AAA local rating

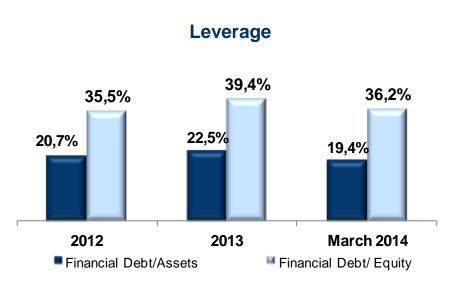


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(1) EBITDA is calculated by adding back the depreciation and amortization (included in cost of sales and administrative expenses) to operating income.

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**Improved results in Emgesa** in spite of dry conditions on two of its main reservoirs, evidenced the benefits from our flexible commercial policy.

Continuous increase of Codensa's client base and a recovery in demand growth, leading to higher financial results, and improvement of collection indicators and losses index for a more efficient operation.

Important 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 the year 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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inversionistas@emgesa.com.co rinversionistas@codensa.com.co

#### Juan Manuel Pardo G.

Finance and Administration Officer +57 1 219 0414 jmpardog@endesacolombia.com.co

#### Carolina Bermúdez R.

Deputy CFO +57 1 601 5751 cbermudez@endesacolombia.com.co

#### Patricia Moreno M.

Head of Investor Relations and Financing +57 1 601 6060 Ext: 3502 mmorenom@endesacolombia.com.co

#### Andrea María Triana M.

Investor Relations and Financing +57 1 6015564 atriana@endesacolombia.com.co

#### Juan Camilo Jaramillo C.

Investor Relations and Financing +57 1 6015559 jjaramillo@endesacolombia.com.co

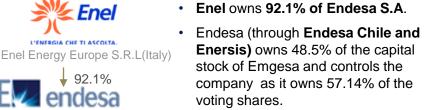
Visit our web pages for additional information: www.emgesa.com.co / www.codensa.com.co

#### **Emgesa** Enel owns 92.1% of Endesa S.A. Endesa (through Endesa Chile and Enersis) owns 48.5% of the capital Enel Energy Europe S.R.L(Italy) stock of Emgesa and controls the 92.1% company as it owns 56.4% of the voting shares. Endesa S.A. (Spain) The **EEB** owns 51.5% of the capital 100% stock of Emgesa but only 43.6% are voting shares. América Latina Endesa Latam (Spain) 60.6% enersis Enersis S.A. (Chile) 60% endesachile Empresa Nacional de Other minority Empresa de Energía Electricidad S.A. (Chile) de Bogotá shareholders 21,6% 26.9% Economic: 26,9% Economic: 21,6% Economic 51,5% Economic: 0.005% Voting: 0,006% Voting 43,6% Voting: 31,3% Voting: 25,1% Economic Power: 48,5% Endesa Group 📥 Voting Power: 56,4%

## Emgesa and Codensa

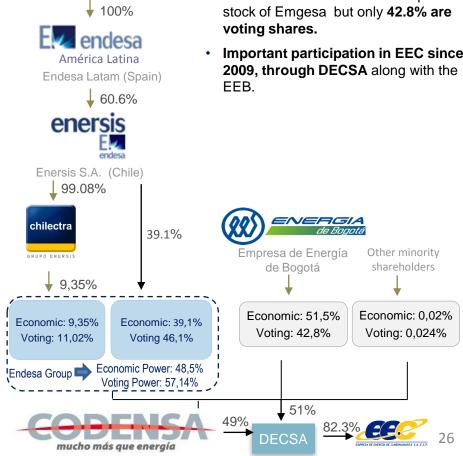
### Solid and reliable controlling group

#### Codensa



Endesa S.A. (Spain)

- The **EEB** owns 51.5% of the capital voting shares.
- 2009, through DECSA along with the EEB.



## **Emgesa's Debt Profile**

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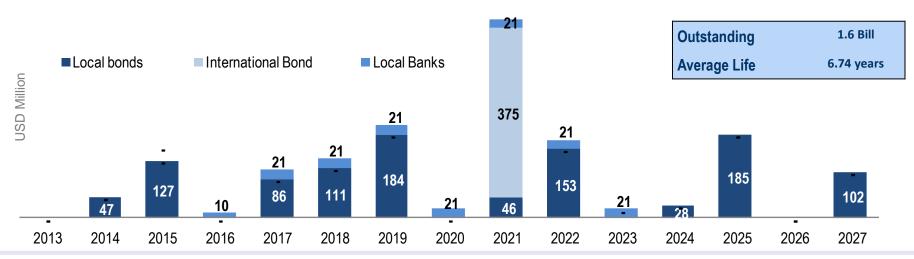
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Moderate amortization profile despite new projects development

#### **Amortization Schedule**

(MM USD) as of March, 2014

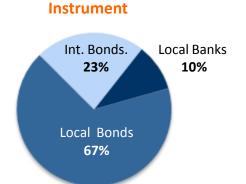
**EBITDA (2013) ~ USD\$768 Million** 

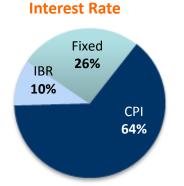


#### **Financial Debt Breakdown**

as of March, 2014





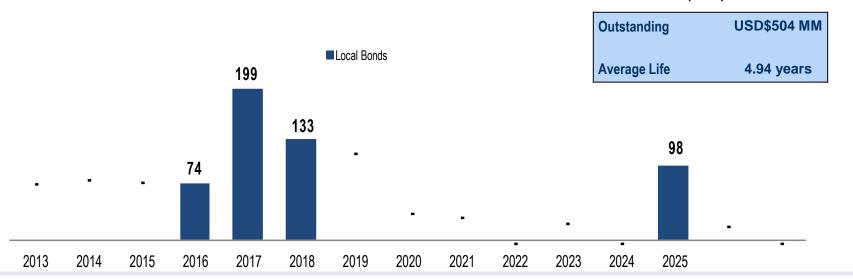






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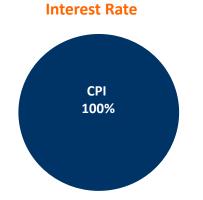
#### **Financial Debt Breakdown**

as of March, 2014



**USD** Million











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