INMETRO

IMPLANTACAO ASSISTIDA de PROGRAMAS de AVALIACAO da CONFORMIDADE

May 31 – June 1- 2011

Rio de Janeiro

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Impactos das normas / regulamentos e estratégias adotadas para a sua reducao

**Fabio Tobón
ICONTEC
Colombia**

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COLOMBIA

- Area: 1.138.000 km ^{2}

- Population: 43.5 million

- Official Time: Normal GMT 5 hours

- Currency: Colombian Peso $
                                                  US$ 1,00 = $1.850

- Main Exports: Oil, coffee, coal,
                                                  flowers, emeralds,
                                                  bananas, minor
                                                   industrial goods.

ICONTEC

- Founded May 10, 1963 (48 years)

- Private, non for profit

- 2 300 affiliates

- National Standards Body for Colombia since 1984

- Represents Colombia at International Organizations such as ISO, COPANT, PASC, CAN, ASTM

- Product Certification since 1971

- Member of IQNet

- First LatinAmerican body accredited on CDM projects

SERVICES

- Standardization

- Certification

- Inspection

- Training

- Information Center

- Metrology Labs

- Health Accreditation System

- Climate Change (CDM and voluntary)

ICONTEC BRANCHES

- Caribe
- Oriente
- Antioquia, choco y eje cafetero
- Sur occidente
- Centro y sur oriente

International Reach
ICONTEC

Miami
Rep. Dominicana
Guatemala
Honduras
El Salvador
Nicaragua
Costa Rica
Panamá
Colombia
Ecuador
Perú
Brasil
Bolivia
Chile

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Colombian Quality System SQAM
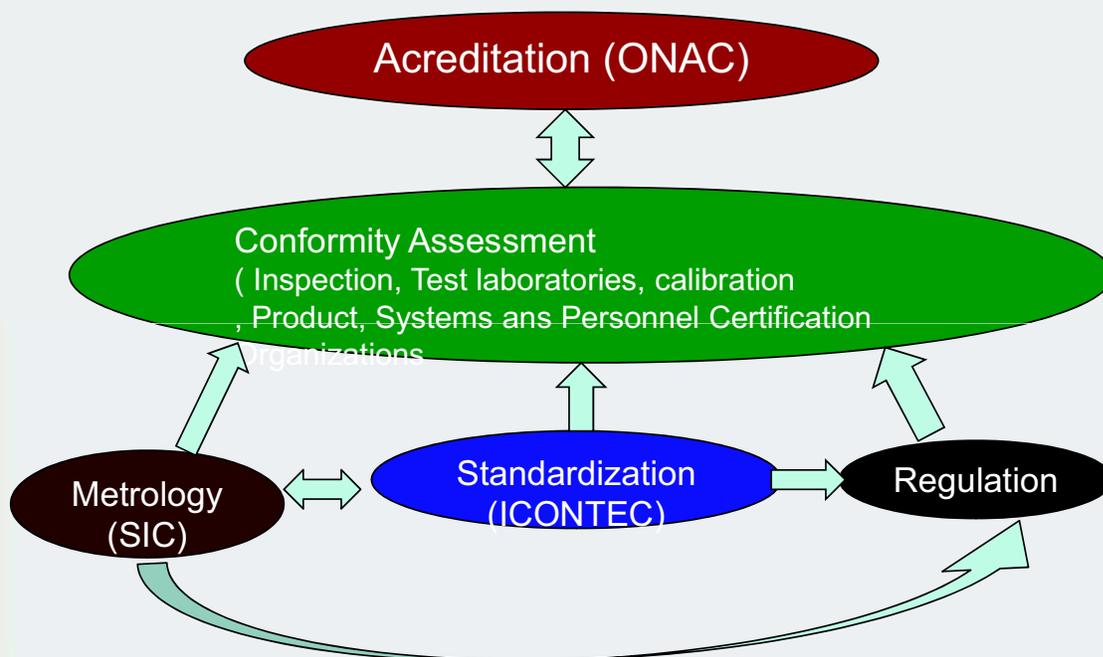
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SQAM System

- Decree 1929 – Metrology System

- First approach to SQAM – 1984 (D. 2746)

- Actual SQAM – Decree 2269 year 1993

- CONPES 3446 of 2006 on Quality

- Decree 2269 Under revision

SQAM System Colombia

Acreditation (ONAC)

Conformity Assessment
(Inspection, Test laboratories, calibration
, Product, Systems ans Personnel Certification
Organizations

Metrology (SIC)

Standardization (ICONTEC)

Regulation

SQAM System

- The system is part of the "National competitive system"
- Follows international agreements and WTO directives
- Run at the top by Inter – sectorial Commission on Quality, headed by the Ministry of Commerce, Industry and Tourism

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COMPONENTS SQAM

•Standardization

•Technical Regulations

•Accreditation

•Conformity Assessment

•Designation

•Metrology

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STANDARDIZATION

• Private – ICONTEC is the NSB

• 5900 Colombian Technical Standards (NTC)

• 160 technical committees

• Follows the code of good practice according to annex 3 of the TBT (WTO)

• System based on credibility, transparency, openess and consensus

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TECHNICAL REGULATION

• They are Mandatory

• Done by Public entities

• To protect Health, Safety, enviroment and Costumer protection

• Need to be transparent, not discriminatory and based on International Standards

• They could be a major barrier to trade

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ACCREDITATION

- ONAC – Organismo Nacional de Acreditación de Colombia

- Founded in 2007

- Mix of public and Private funding

- Acredites with ISO internationally recognized standards i.e: ISO 17021, 17024, 17025, 65

- More than 400 CAB accredited

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DESIGNATION

- Designation: Autorization by a government entity to do CA in a particular Scheme (A kind of Accreditation??)

- Could be discriminatory

- It is sometimes used on very particular situations

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CONFORMITY ASSESSMENT

- Certyification – System – Product and Personnel

- Test and Metrology labs.

- Inspection bodies

- Most CA organizations are private

- Needs international recognition

METROLOGY

- National Metrology laboratory under the superintendance of Industry and Commerce (SIC)

- Carries – scientific – Industrial and Legal Metrology

- There is a chain of private metrology labs that provide calibration to Insdustry

Impact of CA in the country and at ICONTEC

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ICONTEC and the SQAM

- Important actor

- High credibility and recognition

- 1971 Quality Seal (Sello de Calidad)

- 1991 Management Systems Certification

- ISO 9001 – ISO 14001 – ISO/IEC 27001 – ISO 22000 – OSHAS 18001 – Others

- Special care of SMMIE in the country

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SQAM Impact in the country

- The SQAM system has become important on these FTA, usually negotiated with WTO-TBT reach
- The lack of recognition of some actors in the system is a big problem
- There is a need of a well established Labs net

SQAM Impact in the country

- SMMIE have become active in the system
- More that 70% of affiliates to ICONTEC are SMMIE
- Management system certification to ISO 9001 with big increase (2nd in LA)
- Large growth of consultants on "Qualty"
- Colombia is developing eight "world Class Sectors"

CERTIFICATIONS BY ICONTEC

STATISTICS

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ISO 9001 CERTIFICATIONS
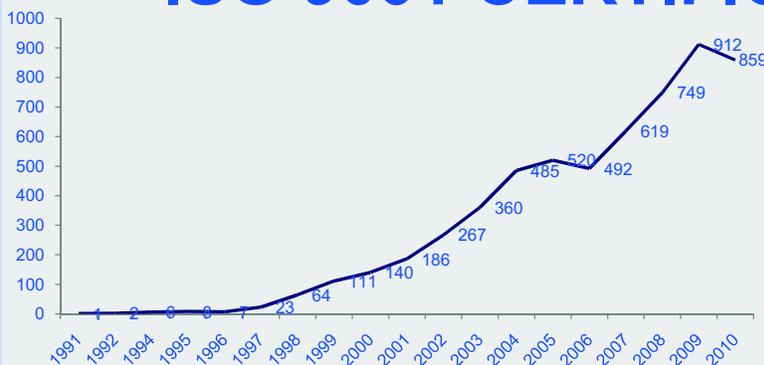
ISO 9001 certificatetions each year. There are 225 in 2011 up to april.
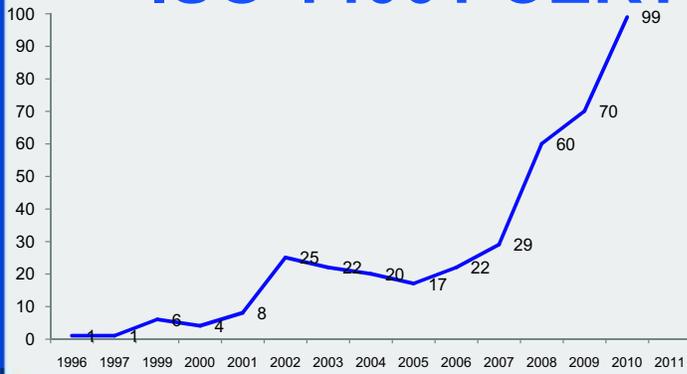
ISO 9001 total certificates
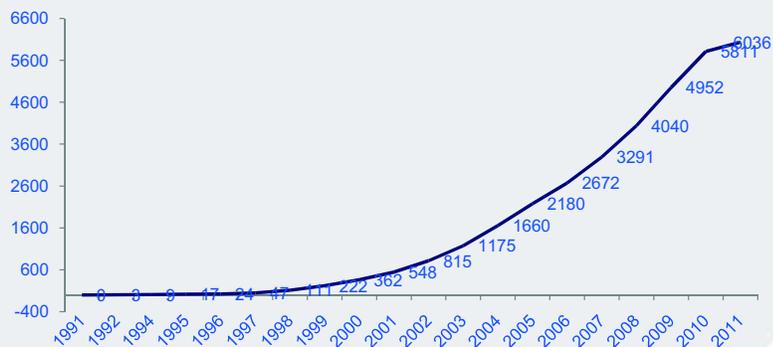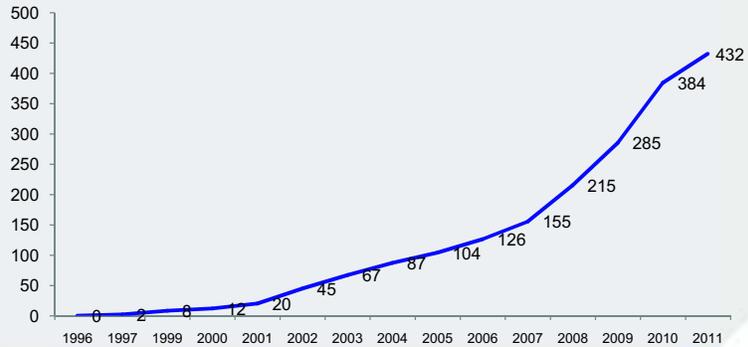
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ISO 14001 CERTIFICATIONS

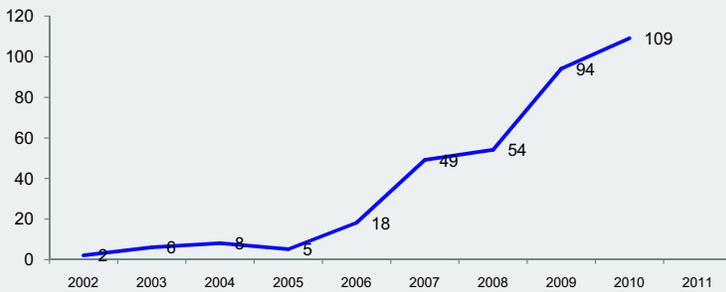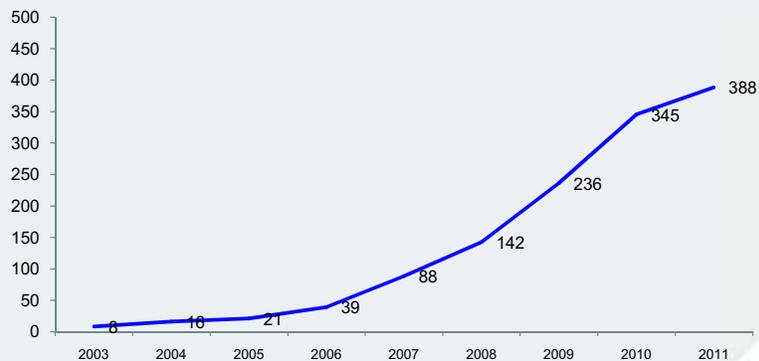ISO 14001 certifications each year. There are 48 in 2011 up to april

ISO 14001 total certificates

OHSAS 18001 CERTIFICATIONS

OHSAS 18001 certifications each year. There are 43 in 2011 up to april

OHSAS 18001 certificates
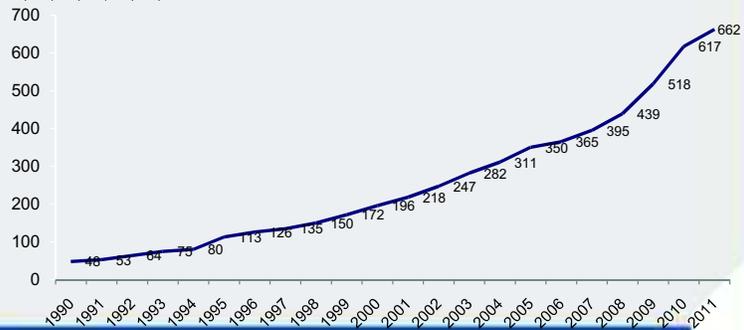
CERTIFICACION SELLO DE CALIDAD/SELLO CON REGLAMENTO

Otorgamiento certificados sello de calidad

Quality seal per year. In 2011 there are 45 up to april

La gráfica muestra el número de certificados de sello de calidad y sello con reglamento vigentes año a año.

ICONTEC QUALITY SEAL

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Strategies to reduce the Impact of CA

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STRATEGIES

National Colombian Standards (NTC)

- A total of 5900 NTC

- NTC developed by consensus according to the needs of the goverment and Industry to boost competitiveness

- NTC based on International Standards

- 35% based on ISO, IEC, ITV

- 25% on US SDO (NFPA, ASTM, ASME, etc)

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STRATEGIES

Subsidize programs to certify SMMIE

- SMMIE – Counts for 92 – 94% of enterprises

- Main certifications on the program ISO 9000 and 14000. More than 600 companies

- Programs financed by the IDB and the Colombian Government

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STRATEGIES

Standards for small and Micro

- Program NOREXPORT

- Financed by IDB and later the EU

- More than 550 NTC

- Program with Bolivia (IBNORCA) and Perú (INDECOPI)

STRATEGIES

Special Management System Standards

- Designed to help small and micro enterprises.

- NTC 600 – Quality management system

- NTC 5520 – How to provide good service to customers.

- NTC 5555 – For "Informal" educaction institutions

- Guide to formalize companies

STRATEGIES

Standards as base for TR

- Technical regulations are mandatory and made by the goverment

- According to the WTO, they have to based on international standards

- ICONTEC approaches the government so the TR don't become barriers to trade

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STRATEGIES

Free Trade Agreenmets (FTA)

- Colombia has signed 7 FTA and there are 4 more in line

- On Negotiation FTA with: USA, the European Union, Korea, Panamá

- ICONTEC, as consultant to the goverment, participates

- FTA based on WTO - TBT

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STRATEGIES

Accreditation recognized Worldwide

- Colombian Accreditation bodies have not been recognized by the MOU of IAF

- We have accreditation on Systems certifcation with ANAB – USA and DAKKS – Germany

- For product (ICONTEC Quality seal) with ANSI - USA

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STRATEGIES

Technical Publications

- More than 60 publications in spanish

- Books on how to implement management systems for SMMIE

- Publications in spanish paying royalties to other institutions

- We generate a lot of knowledge that we share in our books

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STRATEGIES

Product certification is the real problem

- System certification is not a problem for Global Trade. Problem is product certification

- There is a maraña of private schemes

- These schemes become a barrier to trade

- ICONTEC is fighting this barrier

MARAÑA CERTIFICATIONS

WRAP

TL 9000

ENEC

HAR

EUREPGAP

SFQ 2000

CMM

FSC

SA 8000

HACCP 9000

ORGANIC - IFOAM

SELECT PLANT

BS-7799-2

SQF 2000

Q

ELITE

CB SCHEME

TS-16949

FLORIMARK

COUNTRY REGULATIONS

Q WEB

STRATEGIES

Signing of MOUs

- MOUs are cumbersome, expensive and restrictive

- They help the global trade of products

- We have MOUs with FCAV and ABNT in Brazil

- An international recognized system for products is needed

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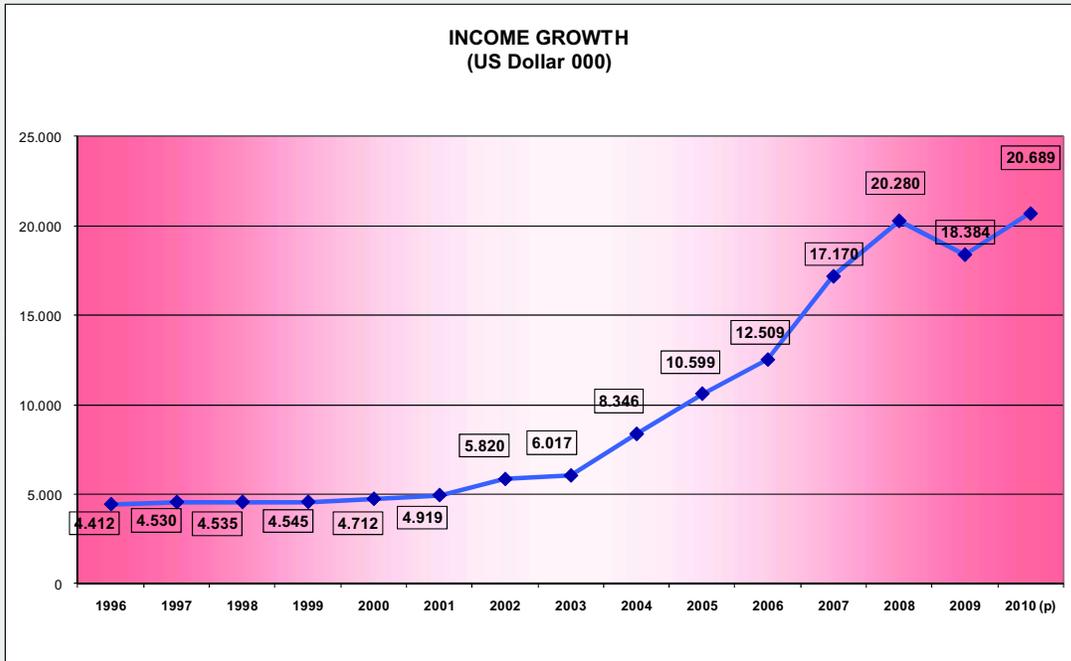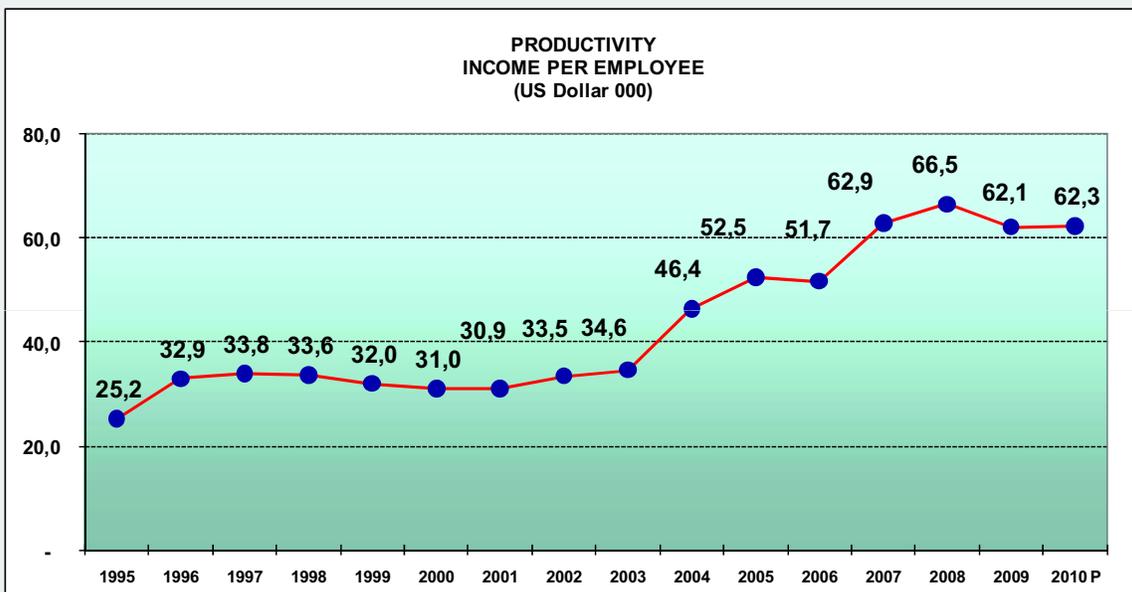
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ICONTEC DATA

INCOME GROWTH
(US Dollar 000)

ICONTEC DATA

PRODUCTIVITY
INCOME PER EMPLOYEE
(US Dollar 000)

ICONTEC DATA

TOTAL - EMPLOYEES

Year	Employees
1992	152
1993	144
1994	142
1995	134
1996	134
1997	134
1998	135
1999	142
2000	152
2001	159
2002	174
2003	174
2004	180
2005	202
2006	242
2007	273
2008	305
2009	296
2010 P	332
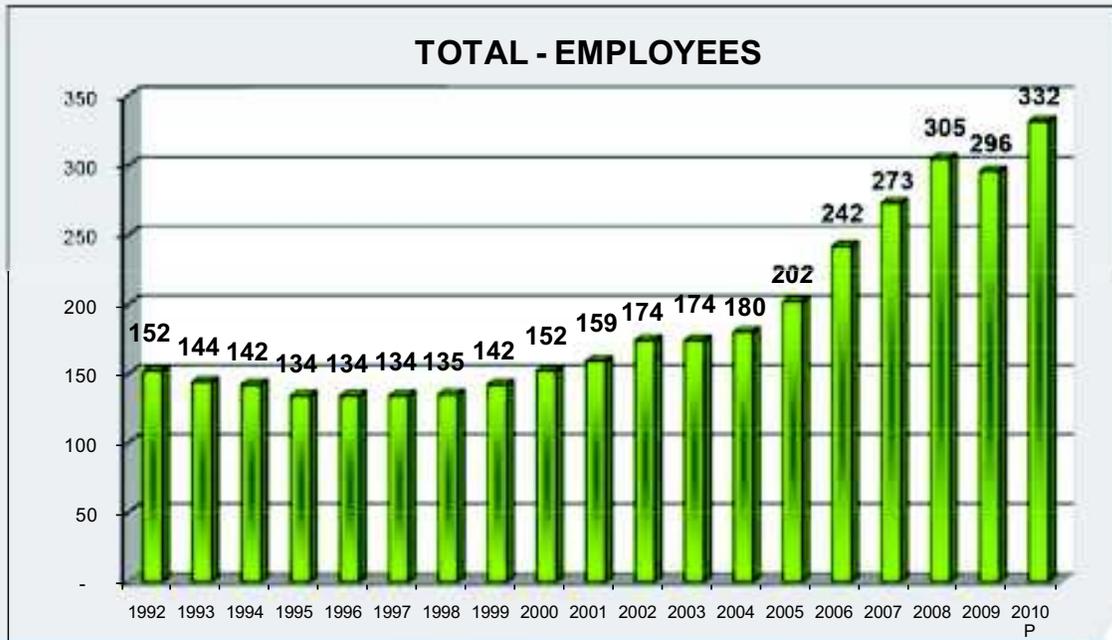
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