



# PRESIDENCY OF REPUBLIC OF ECUADOR

## Free Software in Ecuador

National Agency of Public Administration.

Agency of Information Technologies

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[diego.chavez@presidencia.gob.ec](mailto:diego.chavez@presidencia.gob.ec)

# Content

- Free Software in Ecuador:
  - Public Sector
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# Free Software in Public Sector

- There are no statistical studies of progress.
- Central Government: Public Policy based on Presidential Decree 1014.
- Other functions status: National Assembly, Judiciary and National Electoral Council
- Sectional bodies: some Municipalities

# Functions of IT Agency

- Regulation, integration and control of Central Government IT projects
- Design and development of cross-government systems
- Design and development of information systems for citizen service
- Promoting the use of Free Software (Presidential Decree 1014)

# General Policies of Free Software

- Adoption and use of open standards and Free Software
- Minimization of buying proprietary software licenses
- Reuse of software developed
- Carrying out cost - benefit analysis
- Diffusion of benefits of Free Software
- Training public officials

# Actual benefits of Free Software

- Legality of software used
- Sovereignty: no dependence on software providers
- Decreased outflow of foreign exchange for purchase of licenses
- Employment generation and small business development
- Save public money

# Saving resources by Free Software

- Optimization software used
- No purchase of proprietary licenses
- Hardware lighter
- Server Virtualization
- Operability (No viruses)

# Challenges

- Resistance to change
- Fears for support, maintenance, security, etc.
- Free Software limited to certain specialized systems
- Lack of Free Software for some specialized systems

# Government Central advances

- Implementing Government information systems with Free Software.
- State migration to Free Software in CPA: Servers OS (98%), Email (95%), Web (98%), DB(70%), Office Suite (30%), Desktops OS (15%)
- SITEC: computers for elementary school.
- Desktop computers with Ubuntu:  
[www.compraspublicas.gob.ec](http://www.compraspublicas.gob.ec)

# Government Information Systems with Free Software(1 / 2).

- Public procurement:  
[www.compraspublicas.gob.ec](http://www.compraspublicas.gob.ec)
- Quipux Documental Administration:  
[www.gestiondocumental.gob.ec](http://www.gestiondocumental.gob.ec)
- Domus Works Construction Management System:  
<http://domux.informatica.gob.ec/Domux/>

# Government Information Systems with Free Software (2 / 2).

- Human Resources Integrated System:  
<http://www.sirh.gov.ec/sirh2/>
- Steps citizens in public institutions:  
<http://www.tramitesciudadanos.gov.ec/>
- Government by Results (GPR)
- Government Service Bus

# Laws and Decree

- June 2007: EGov Iberoamerican Letter.
- April 2008: Presidential Decree of use of Free Software in CPA.
- October 2009: Public Enterprise Organic Law.
- October 2010: Ley de Educación Superior

# Public Enterprises Organic Law.

## GENERAL PROVISIONS:

SEVENTH: FREE SOFTWARE .- State-owned enterprises according to their requirements and technological compatibility, for those aspects that are unrelated to the core line of business, encourage the development and use of computer systems based on non-proprietary software (free software) and can work with proprietary software when software systems are not compatible with the requirements. The decision on these matters rests with the company.

# University Teaching Organic Law.

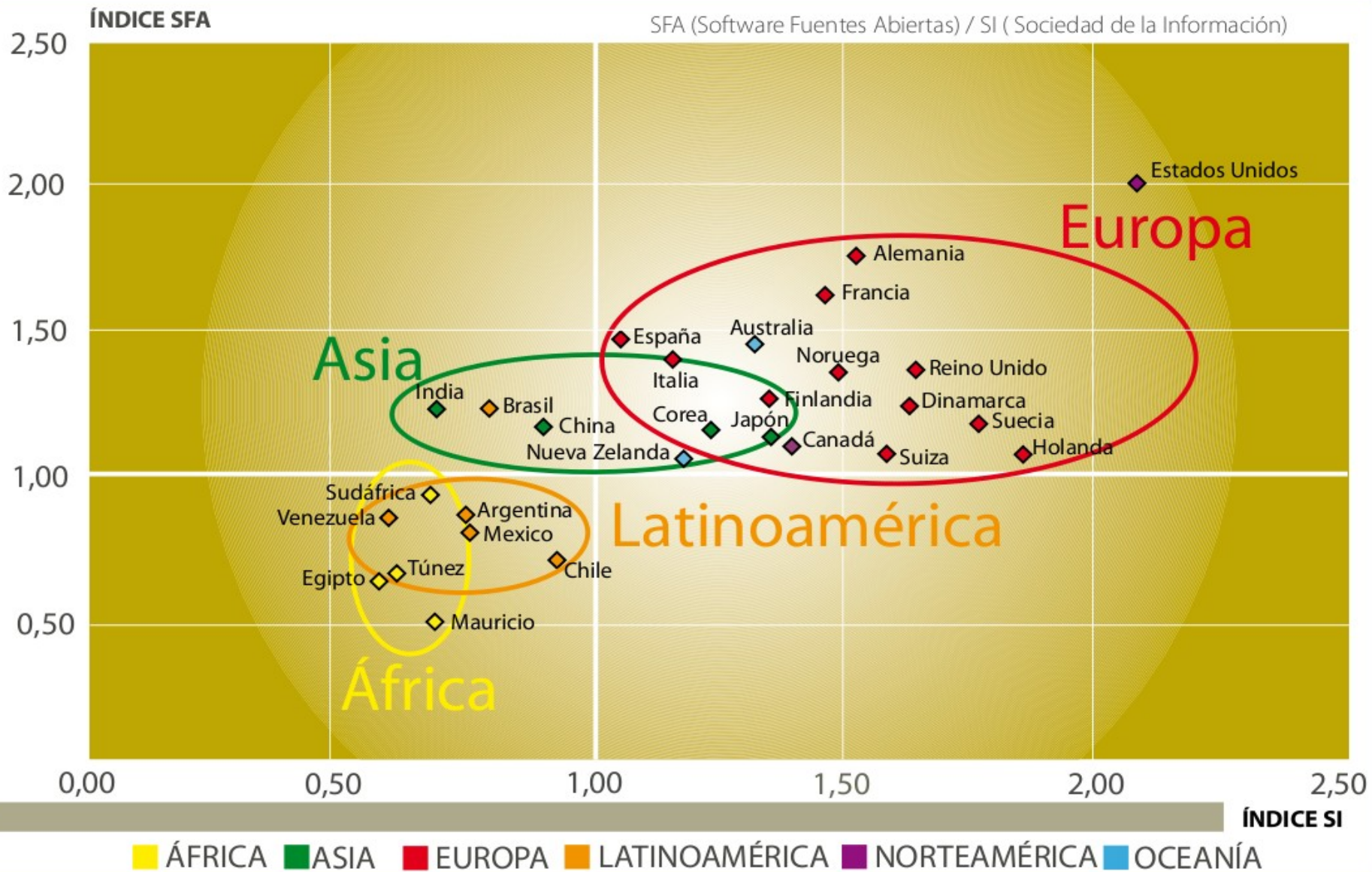
- “Art. 32 .- Software .- The companies that distribute software are required to grant preferential tariffs for the use of compulsory licenses for the respective programs for university education institutions for academic purposes.
- University education institutions necessarily incorporate the use of software with free software. ”

# Free Software Communities.

- There are some FSC in Ecuador, but they are increasing, and they had developed and declared their software as GPL.
- [www.quipux.org](http://www.quipux.org)
- [Www.jarimba.org](http://Www.jarimba.org)
- [Www.elastix.org](http://Www.elastix.org)

# Software Libre y Sociedad de la Información

## RELACIÓN SOCIEDAD DE LA INFORMACIÓN Y DESARROLLO SFA POR PAÍS



# Conclusions

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- Free Software is a global trend
- Gradual alignment of public entities to public policy
- Use of Free Software in mission-critical systems
- Transient change licensing model to service model
- Boost for Free Software in State Functions
- Developing of Free Software Communities



**PRESIDENCY OF REPUBLIC OF ECUADOR**

**Thank you, very much ...**

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Law Event 2010**

**[diego.chavez@presidencia.gob.ec](mailto:diego.chavez@presidencia.gob.ec)**

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