

El rol de los Centros Tecnológicos como extensión regional de las comunidades de desarrollo de Software Libre. Caso del ITI

Technological Centres role as a regional extension of OSS development communities. Case of ITI

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Technological Centres

■ General features

- Generally private **non-profit** associations with a solid organizational structure
- Industrial development instruments associated to a **Region**
- With a set of **associated companies** belonging to one or more **sectors**
- Regional, national and international **R&D&i** activities.
- **Transfer technology** to companies to increase their competitiveness.
- Some of them are very close to the University: **Strategic position between Science and Industry**

Technological Centres

■ Activities & Services

- R&D projects
- Technical advising
- Training
- Technology Transfer
- Normalization, certification and industrial Quality
- Technical information
- International cooperation

Technological Centres are a strategic piece in the scheme Science-Technology-Industry-Society

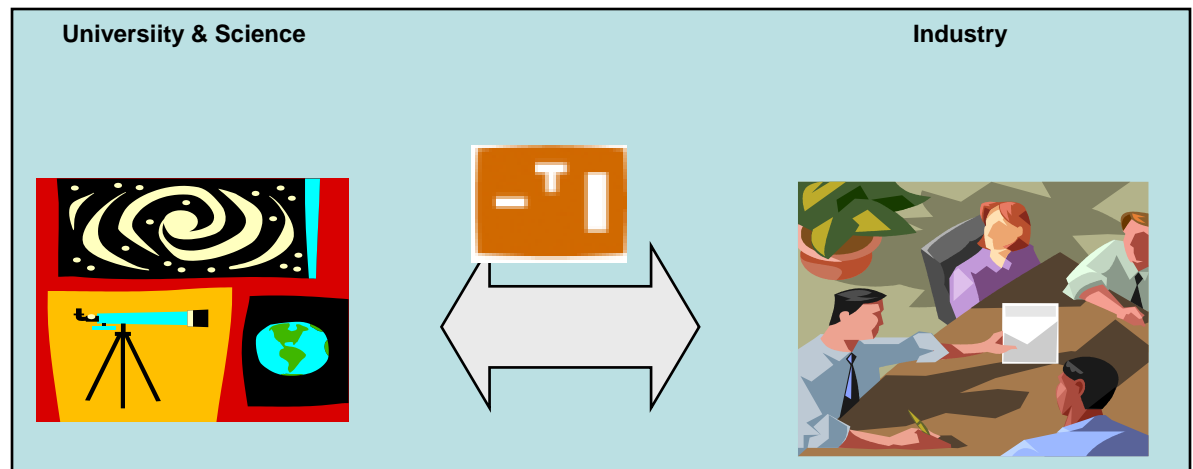
ITI: Technological Centre

- *ITI - Instituto Tecnológico de Informática* is a research and technological centre of computer science focused on research, development and innovation on ICT (Information and Communication Technologies)
- ITI's mission involves researching, developing and innovating on ICT to improve the competitiveness of technological companies, generating and transferring the knowledge needed to industry and society evolution.



ITI: Technological Centre

- It is a *University Institute* of Politechnic University of Valencia and also a non-profit *Association* of Private Companies and Institutions related to the Computer Industry
- ITI is working on seven scientific fields near the Politechnic University of Valencia and on five technology areas, including Free/Libre Open Source Software (FLOSS).



ITI: OSS relationships

- **Instituto Tecnológico de Informática and OSS**
 - Since its creation in 1994 ITI has used and promoted OSS and Open Technologies in research environment, contributing to standards development.
- **FLOSS Area**
 - ITI's organization includes a Free/Libre Open Source Software Area which mission is to improve companies competitiveness by the development and transfer of working methodologies and OSS Applications.
 - This Area is working on several regional and national projects and has become the **Valencian reference in OSS and Open Technologies.**

ITI: OSS relationships

■ Activities related to OSS

■ OSS Observatory:

- OSS Demand in industry
- Set of existing OSS applications
- OSS Stable Business Models
- OSS Project management methodologies
- OSS communities and projects organizational models
- OSS development quality methodologies

■ Service Oriented OSS platforms development

■ Development of methodologies and OSS migration plans.

■ Collaborative development and documentation methodologies and infrastructures definition and implementation.

■ OSS applications and projects spreading and transfer plans development and implementation.

■ Training

■ Standardization contributions

- **ITI is a board member of Morfeo**
- **ITI is working on several Morfeo Projects**
 - EzWeb (Service Oriented OSS platforms development,standardization)
 - WASUP (Service Oriented OSS platforms development,standardization)
 - EzForge (Service Oriented OSS platforms development,standardization)
 - MFCTL (Training)
 - Morfeo_AACC (spreading, competence center)

- **ITI participates in Morfeo as a:**
 - **Scientific partner**
 - **Development partner**
 - **Standardization partner**
 - **Spreading partner**
 - **Training partner**
 - **Regional node** which provide:
 - **Contact with local industry, with infrastructures close to the companies**
 - **Real needs of local companies**
 - **Direct technology transfer to the industry**
 - **Industrial partners**



ITI & Vulcano

- **ITI is working actively on Vulcano project:**
 - **Vulcano is related to Morfeo**
 - **EzForge is the next generation forge developed as a Morfeo project**
 - **ITI is working on:**
 - **OSS Observatory**
 - **Collaborative development and documentation methodologies and infrastructures definition and implementation.**
 - **OSS applications and projects spreading and transfer plans development and implementation.**
 - **Regional Competence Center**

ITI - Morfeo - Vulcano: Benefits

- **Establish partnerships with national and international organizations.**
- **Access to new and better R&D&i projects motivated by the diversity of OSS Communities agents.**
- **Contribute to standardizing solutions.**
- **Gain visibility at regional, national and international level**
- **Offer new services to regional companies and administrations such as:**
 - **OSS development methodology.**
 - **Collaborative documentation methodology.**
 - **Business models related to OSS.**
 - **Consulting on best OSS solution for the needs of each different company.**
 - **Training on OSS tools and methodologies for migrating.**
 - **Project forge support and maintenance.**

ITI & another OSS initiatives

■ ITI is working actively with another OSS development initiatives:

■ gvSIG:

- OSS SIG tool
- ITI is working on Collaborative development and documentation methodologies and infrastructures definition and implementation.
- ITI is working on the spreading of the community.

■ SOURCEPYME/SOURCEPYMEX



- Inclusion of OSS in metal and plastic PYME
- OSS Observatory
- ITI is development migration methodologies and best practices
- ITI is development a Linux distribution based on LliureX for Industrial PYME

Conclusions

- **Technological Centres are ideal partners to participate in OSS development communities.**
- **Technological Centres obtain benefits of their participation in OSS development communities.**
- **Technological Centres can be the *regional reference/competence center* in technology development, services provision and OSS spreading and are the perfect extension of National Competence Center**



Thank you for your attention!

Instituto Tecnológico de Informática

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