

Surveyor Engineer & Organizational Reform, in Hellenic Public Sector Services

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2000-2010

The benefits of the information revolution

- ✦ *The World and Greece as well is moving fast to the path of changes*
- ✦ *Hellenic Public Sector takes advantages from the information revolution*
- ✦ *Surveyor could be a leader, using its special knowledge in Spatial Data Administration*

European Union Policies

E.U. supports the development of the Information Society (the last 2 decays)

2002, E.U. launched INSPIRE (Infrastructure for Spatial Information in Europe)

This aims to offer in Community's policy making, the necessary, available, relevant, harmonized and quality Geographic Information for formulation, implementation, monitoring and evaluation.

The message:

E.U. depends on Spatial Information, and this is Surveyor's field, special knowledge and skills.

Surveyor Engineer combines the New Technologies and the Spatial Information.

The future is the combination between the Hellenic Public Administration System with an Hellenic Spatial Information System.

Available Spatial Data:

Hellenic Cadastre
Ministry of Rural Development
Hellenic Military Geographical Service (HMGS)
Hellenic Mapping & Cadastral Organization (HEMCO)
& other Public Authorities

HMGS & HEMCO supports the Information Society and HEMCO could be the Responsible Authority for the INSPIRE Implementation

Technical Chamber of Greece (TCG) & Union of the Greek Engineers occupied by the Public Sector (EMDYDAS) enhance the Engineer's role in changes.

Hellenic Association of Rural & Surveying Engineers (HARSE), tries to enhance Surveyor's role in the necessary organizational reform.

Surveyor Engineer & New Technologies

- * Till the 1990, surveyor's duties were just the field of surveying & mapping
- * Adoption of New technologies as a god's gift to facilitate their work
- ⊗ Academic Knowledge passed to students, TCG & HARSE offered the post graduate education to the professionals.
- * Surveyors succeed to be experts in new technologies knowledge between the other engineers.

Surveyors In Public Sector...

They became users, developers and managers of Geographic Information Systems in their Services

Image improved due to the three factors:

- ⊗ Managerial skills
- ⊗ Land Administration's Knowledge
- ⊗ Experts in New technologies

Organizational Reform in PS

- ⊗ E- Government's development and coverage of a variety of daily services to the citizens
- ⊗ Hellenic Cadastre in Operation – interacts with the Public Administration System

The multi-purpose nature
of New Public Administration System
(based in Spatial Information)

demands the special knowledge, that Surveyor has.

Proposals for the reform

TCG, HARSE & EMDYDAS propose:

- Foundation of a Central Bureau for the administration of the digital data.
- Re-description of the duties in the Public Sector
- Publishment of detail handbooks for the Greek legislation

Reform and Greek Society

- ⊗ Greek citizens are very adaptive in innovations by their nature.
- ⊗ The State with E.U. contribution has taken the critical decisions.
- ⊗ The new Public Administration System will be based on a platform of detailed Spatial Data Bank.
- ⊗ Private Sector's investments will have benefits as well.

Surveyor's Role Enhancement

- ⊗ New issues fit excellent with Surveyor's Engineer skills.
- ⊗ NTUA & AUTH offer 5 years-studies diplomas and post graduate studies.

HARSE proposes:

- ⊗ the foundation of the Central Bureau.
- ⊗ NTUA & AUTH to concentrate in financial, managerial and information technologies academic studies.
- ⊗ the establishment of synchronous technical specifications
- ⊗ the continuous education in new technologies

Resume

- ✦ P.S. Organizational Reform based on a Land Administration System is a one way trip to the future
- ✦ It is necessary the Central Administration of Digital data in transaction with Spatial Data Banks.
- ✦ Surveyor Engineer has to concentrate in those skills that are demanded for leading in new issues.
- ✦ HARSE has to fight to secure Surveyor's role in New Hellenic Public Administration System.

Thanks for your Attention

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