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INNOVATION WEEK ON R.E.S.

**REGULATION FRAMEWORK ON R.E.S. IN HELLENIC TERRITORY.
SIMPLIFICATION OF THE BUREAUCRACY**



...ENERGY TO BE INDEPENDENT



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THE ETHICAL & BUSINESS GLANCE

FORESIGHT

The 21st century requires a change in the energy status quo in Greece, Europe and worldwide. The environmental awareness and the need for economic prosperity leads to the need for a revised approach to energy level and everyday life of the citizens of the world. Streamlining management of energy resources is a must.





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COMPANYS BASIC DETAILS



GREEK LEGAL FRAMEWORK IN R.E.S.

- More than 35 Joint ministerial decisions support the main Law 3468/2006 as reformed by the law 3851/2010
- More than 15 involved Authorities
- More than 2-3 offices and 3-4 employees involved in every authority
- More than 40 Laws affect the R.E.S project development

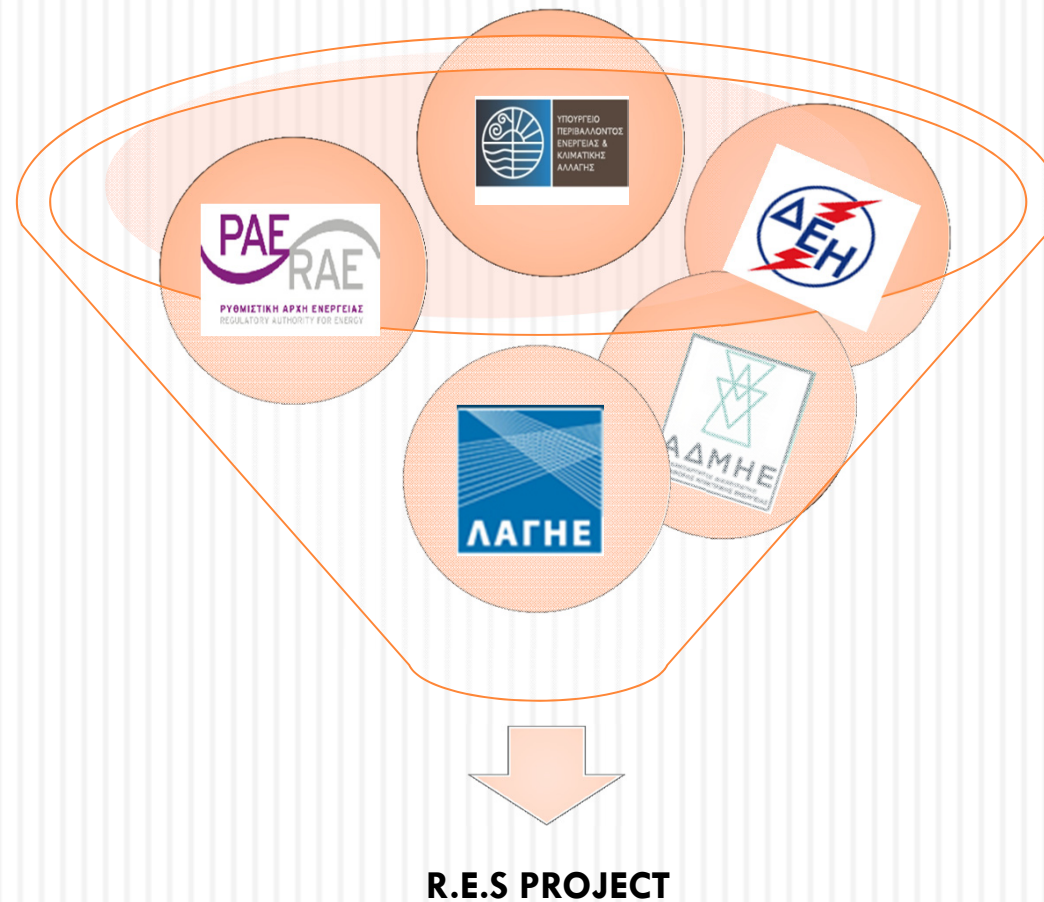


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MAIN AUTHORITIES



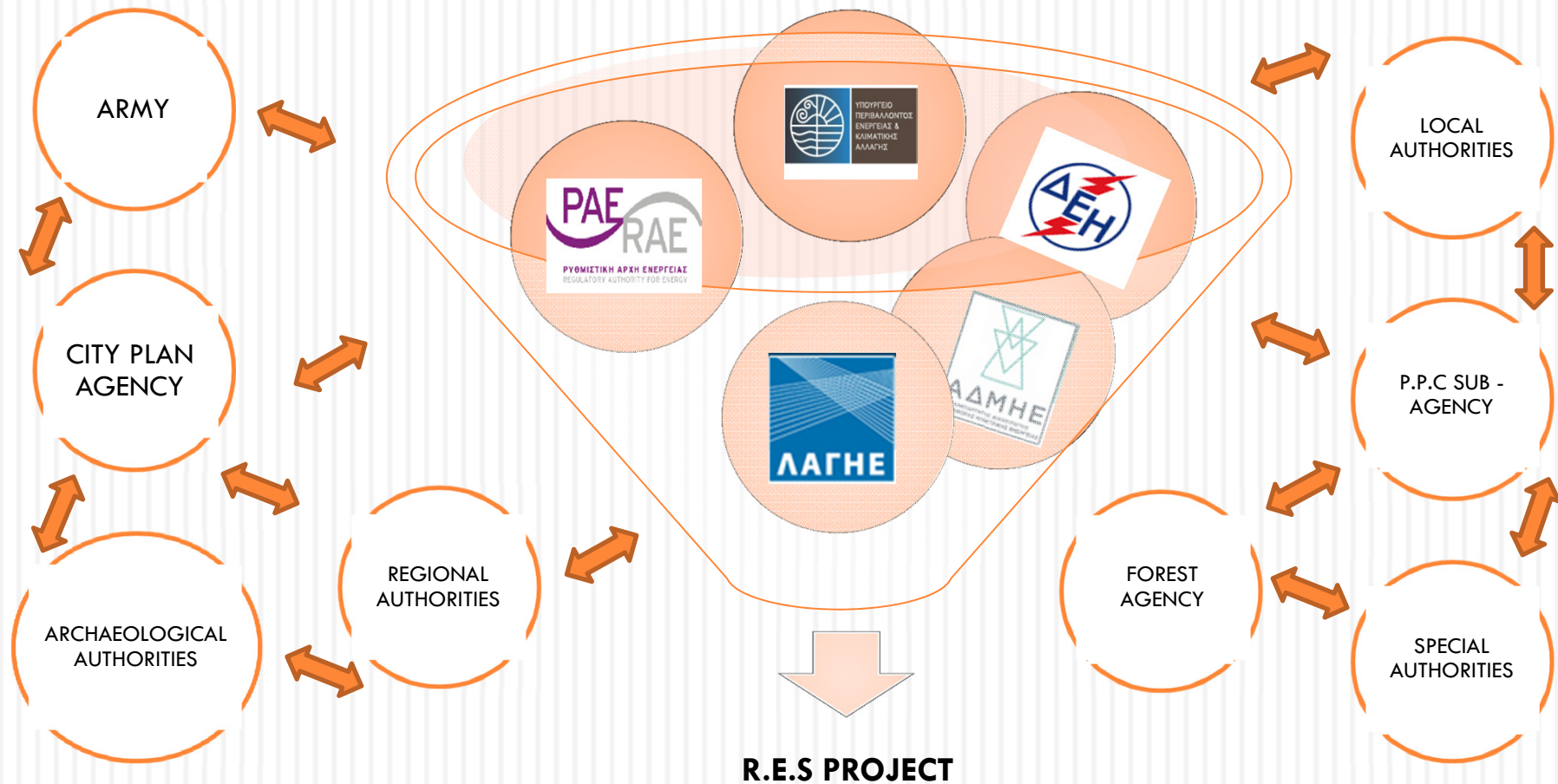


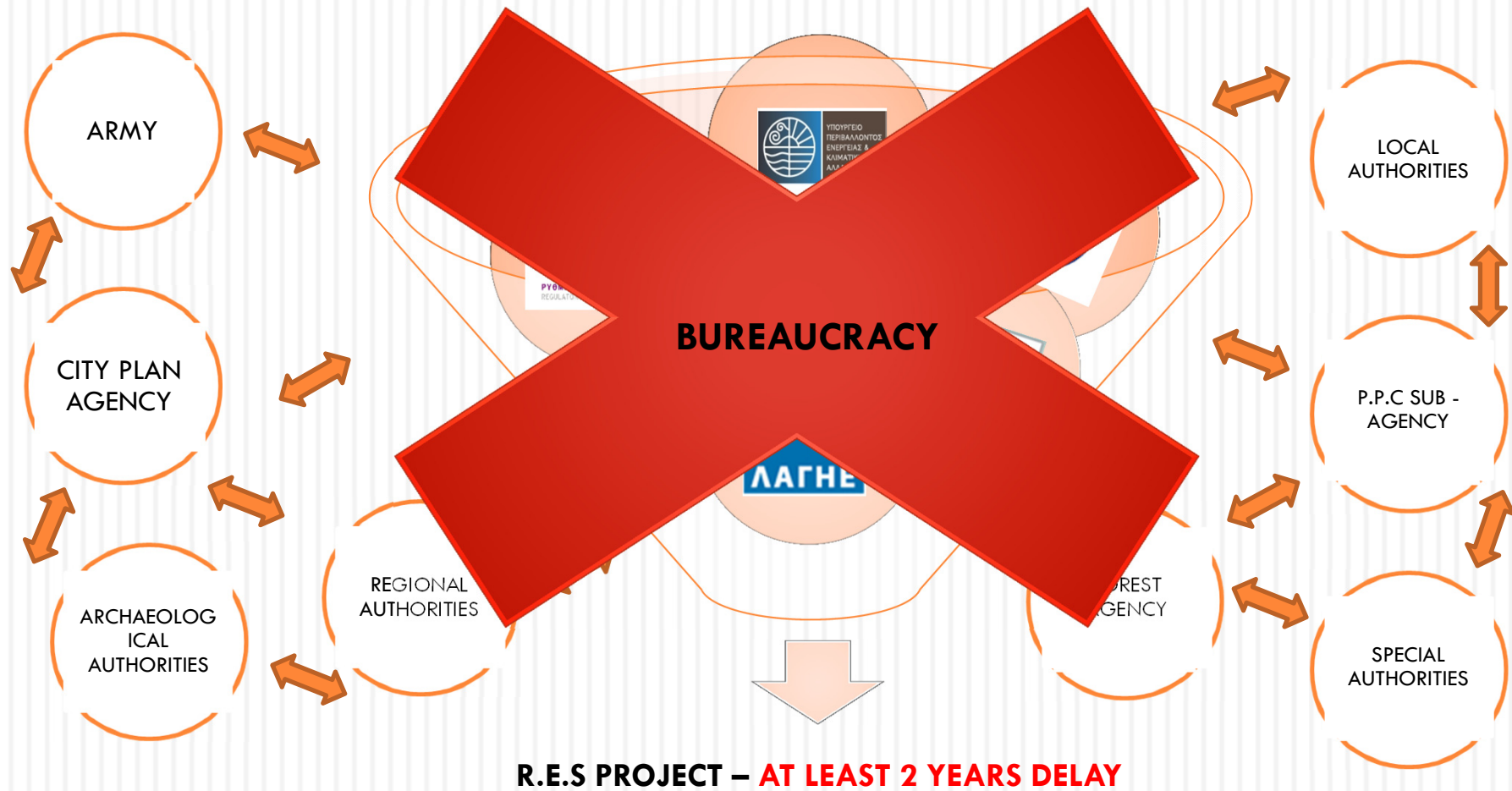
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ALL AUTHORITIES THAT NEED TO APPROVE R.E.S PROJECTS







MAJOR PROBLEMS

✓Several Authorities requests approvals from other authorities

✓When an authority issues the approval decision, sets inappropriate conditions for further project development

✓Conflicts between authorities

✓Authorities cannot handle large workloads

✓Authorities do not accept electronic signature

✓Same authorities in different Greek regions operates under different guidelines





MAJOR PROBLEMS



- ✓ Unreasonable delays which affect the Project business plan
- ✓ Authorities do not keep archive so to create exact copies of any project approval but all authorities need exact copies to approve any project
- ✓ Several approval documents has expiration period which is lower than the project construction period
- ✓ When a change needs to be done to the project plan, even for minor such as equipment selection, this creates delays because several authorities includes in their approval documents useless information in the early stages



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WEAKNESSES OF GREEK LEGAL FRAMEWORK

MAJOR PROBLEMS

✓ In every project 2-4 agencies request in different time periods to visit the project site for approval

✓ Often mistakes appear to the contact details (a company applies, and documentation refers to other contact details so the documents need to change again. (every change means at least 1-2 months)





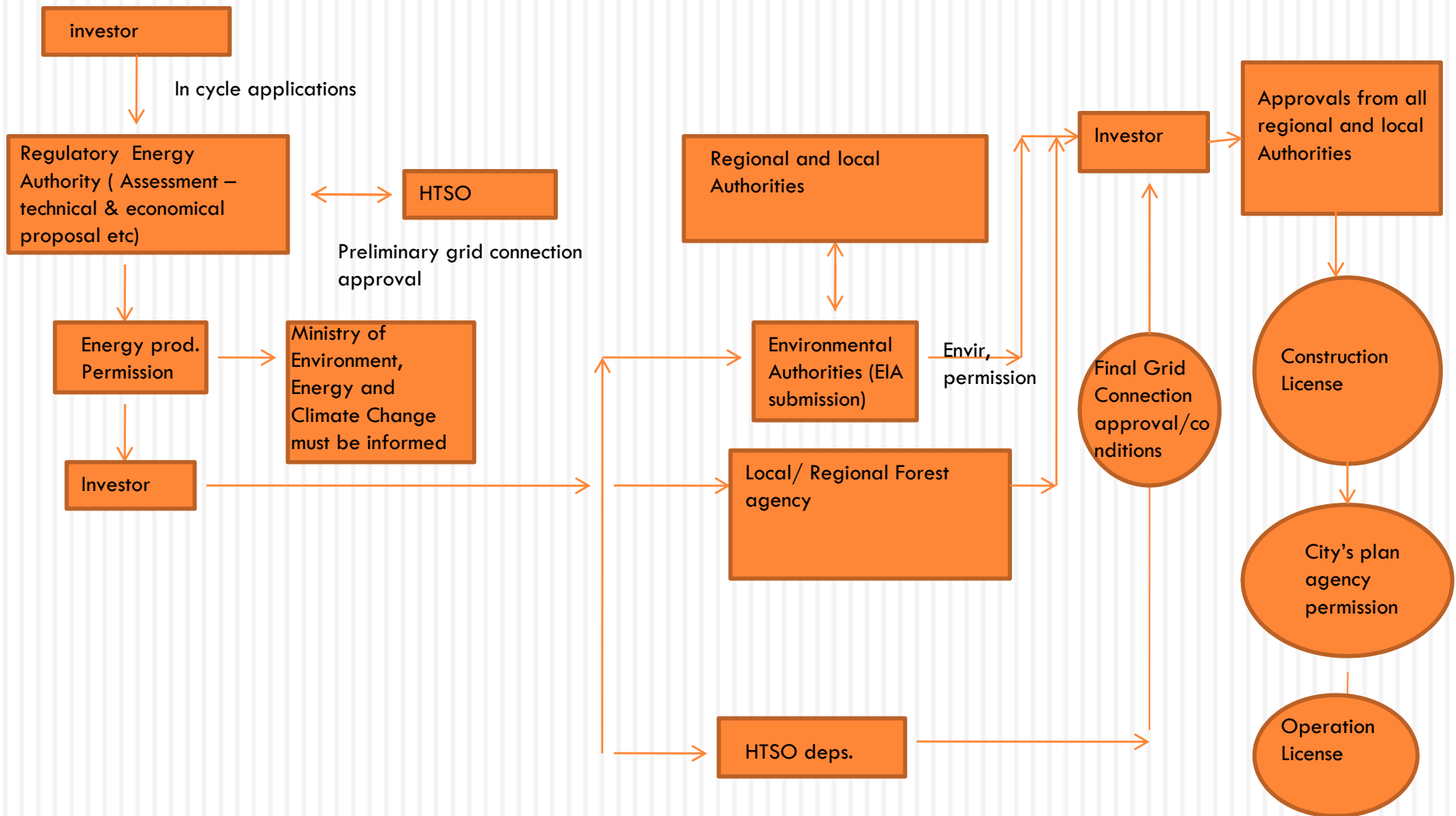
SPECIAL PROBLEMS



✓When an approval document expires before the project been completed there is no prediction in new Joint ministerial decisions to let the project finish

✓In different short time periods (6-8 months) several joint ministerial decisions changes the total project development procedure on R.E.S sector.

✓When a conflict between authorities exists, authorities request the assistance of the Ministry. The ministry in order to overcome the conflict is forced to issue guidelines, but local or regional authorities still have the right not to approve the proposed solution because the Ministry answer is not given in the form of a law or joint Ministerial decision.





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WEAKNESSES OF GREEK LEGAL FRAMEWORK

R.E.S. PROJECTS
Million Euros Projects

GREEK BUREUCRACY
Huge licensing procedure
R.E.S. projects treated as
polluting projects



✓More than 100 topographic maps have to be sent from the investor to authorities

✓At least 3 Authorities request to visit the project site

✓At least 1 change have to be done to the majority of the licenses from the investor.

✓More than 10 times an engineer (investor side) have to visit authorities for project approval

✓At least 2 years time is needed for the project development of a 1MWp, R.E.S. Project



PROPOSAL

✓Acceptance of electronic signature from authorities.

✓Creation of electronic approval archive (R.E.S. projects) accessible from all authorities

✓When a conflict between authorities move to Ministry, the solution been proposed must be initially accepted from all interested parts and then the ministry have to check the implementation of the decision.

✓Only electronic applications would be accepted as also electronic draws and maps with electronic signature from Engineers





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SIMPRIFICATION OF R.E.S. PROJECT DEVELOPMENT



MORE SPECIFIC...

INVESTOR

- Submit of electronic application to RAE, (paying the examination cost)

ENGINEER

- Submission of maps, technical description, electrical drawings, EIA, certificates, coordinates, equipment drawings etc.

RAE

- Application approval, Project classification and project development procedure flowchart

REGIONAL
AND LOCAL
AUTHORITIE
S

- Project check: electronic ID and electronic assessment and check if it acceptable or not

INVESTOR

- Print all material and set the construction period



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PROPOSAL ADOPTION



CONCLUSIONS

- ✓ Transparency for all procedures (by use FIFO rule)
- ✓ Clear responsibility of Investors & engineers.
- ✓ At least 50-60% faster procedures
- ✓ Higher penetration of R.E.S. projects
- ✓ Steady business environment as the project development time will be countable
- ✓ 100% ecological upgrade of Greek authorities as no hard copy material will needed, which means no transportation cost (energy and economic) and reduction on human resources



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PROPOSAL ADOPTION



COST

- ✓ Software development and maintenance
- ✓ Training



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HQ

4-6 Gounari str.

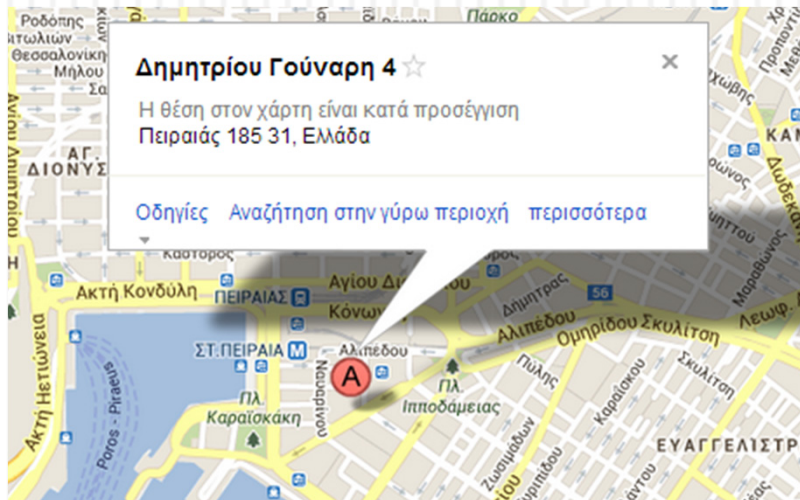
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THANK YOU FOR YOUR ATTENTION

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