RecorDIM Task Group 10

Technique of Monitoring for Sustaining Management of Archaeological Sites

(Examples mainly of Western Anatolia)

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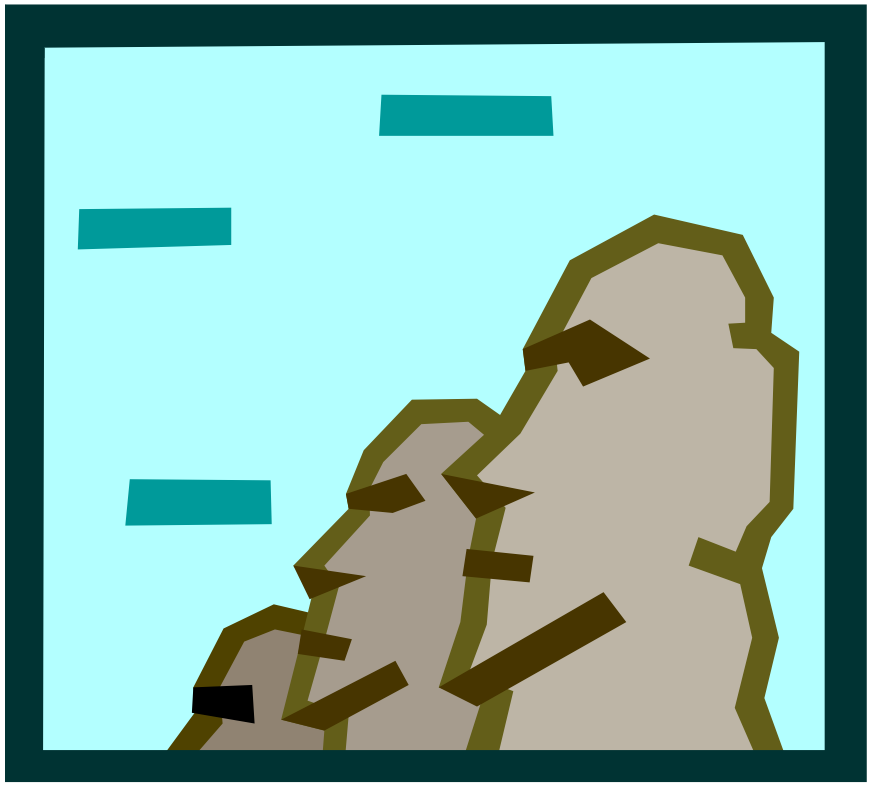
Monitoring ?

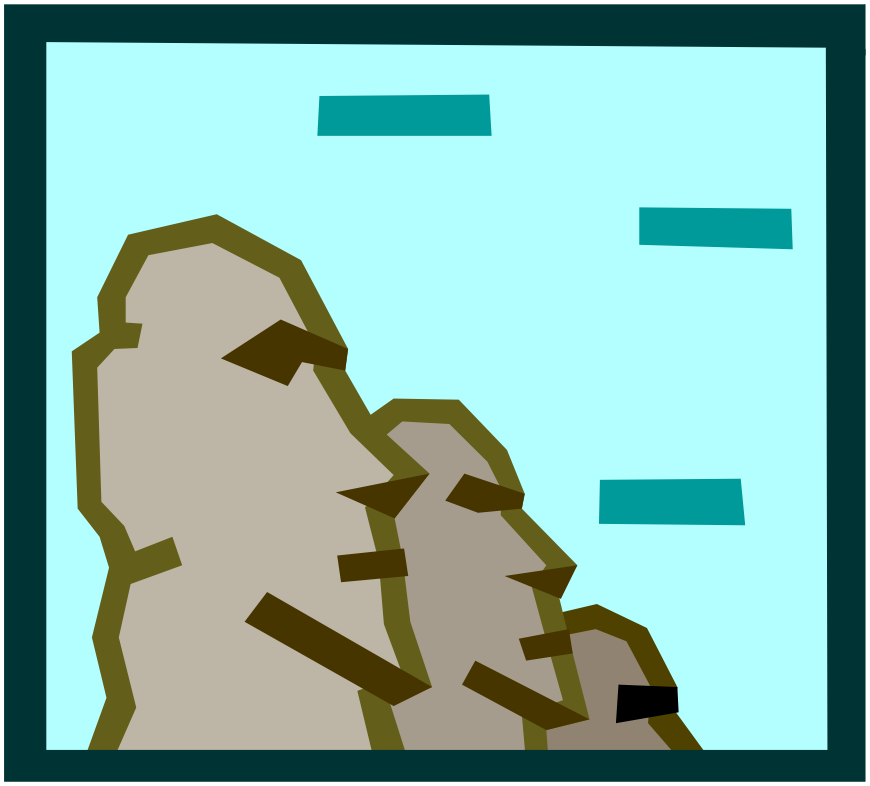
- **Repeated observation**
- **in pre-defined time intervals**
- **for future change detection**
- **as basis for controlling,**
- **analysis and**
- **management decisions.**

Historical Research vs. Sustaining Conservation Management

Past oriented



Future oriented

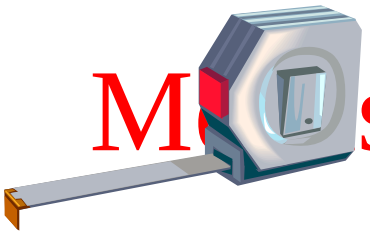


Kinds of Monuments

- Location: Above ground, underground, underwater
- Size: region, site, single monument
- Material: Wood, stone, earthen
- Value: Valuable, simple
- Importance: by any reason, unimportant
- Risks: High, low
- Environment: Respect, beauty, contrast,
- Use: Unused, unusable, inhabited

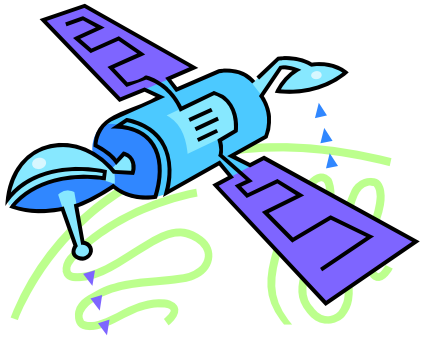
Threats and Risks

1. Man: Negligence, ignorance, vandalism; poverty, richness; politics, religion; speculation
2. Man-made catastrophes: War, revolution, …
3. Climate & time: Frost, sun, water, air, …
4. Desasters: Earthquake, inundation, fire, …
5. Tourism: Theft, dirt, paint, misuse …
6. Mistakes: Wrong treatment, …
7. Regional Development: Roads, housing, …
8. Vegetation: Roots, …
9. Animals and their excrements,
10. Many more …



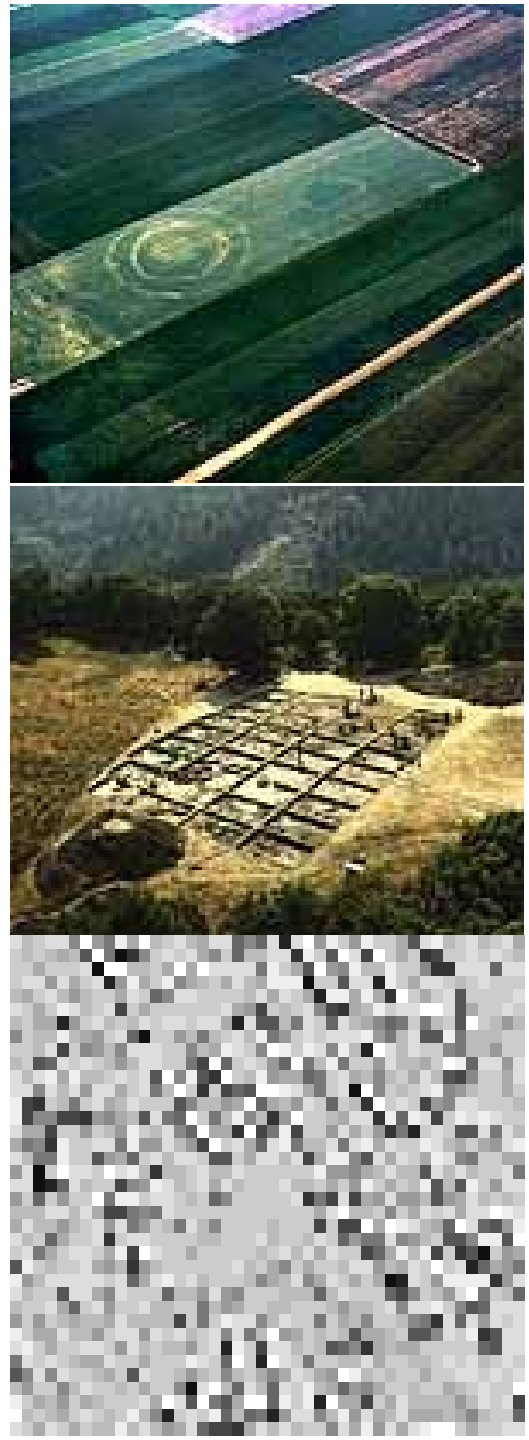
M s of Observation

- Read and check (not for measures)
- Looking by free eye (no document !)
- Photography (analogue, digital ?)
- Surveying (everything again ?)
- Photogrammetry (total repeat?)
- Laser Scanning (comparable?)
- Satellite Remote Sensing (..“..)
- Thermo Sensing (conditions?)
- Other physical measurements (..?)

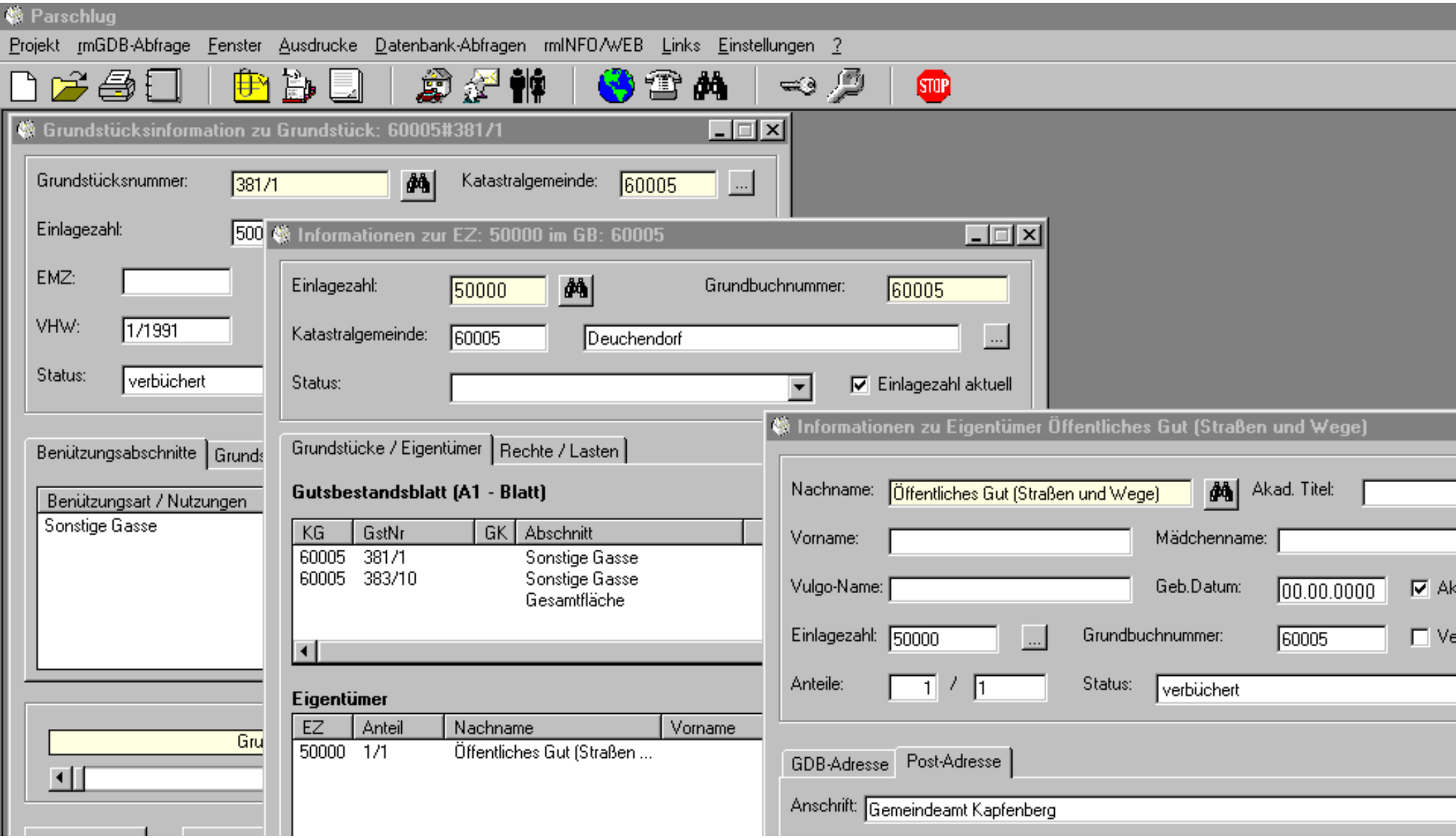


Events on Site

- Prospection
- Excavation
- Recording and Documentation
- Research and analyses
- Preservation and Anastyloses
- Controlling (objects, people)
- Safeguarding
- Touristic visiting
- Public events: feasts, theatre, …
- Cleaning, service, craftsmen
- Administration and Management



Heritage Information and Management System (HIMS)



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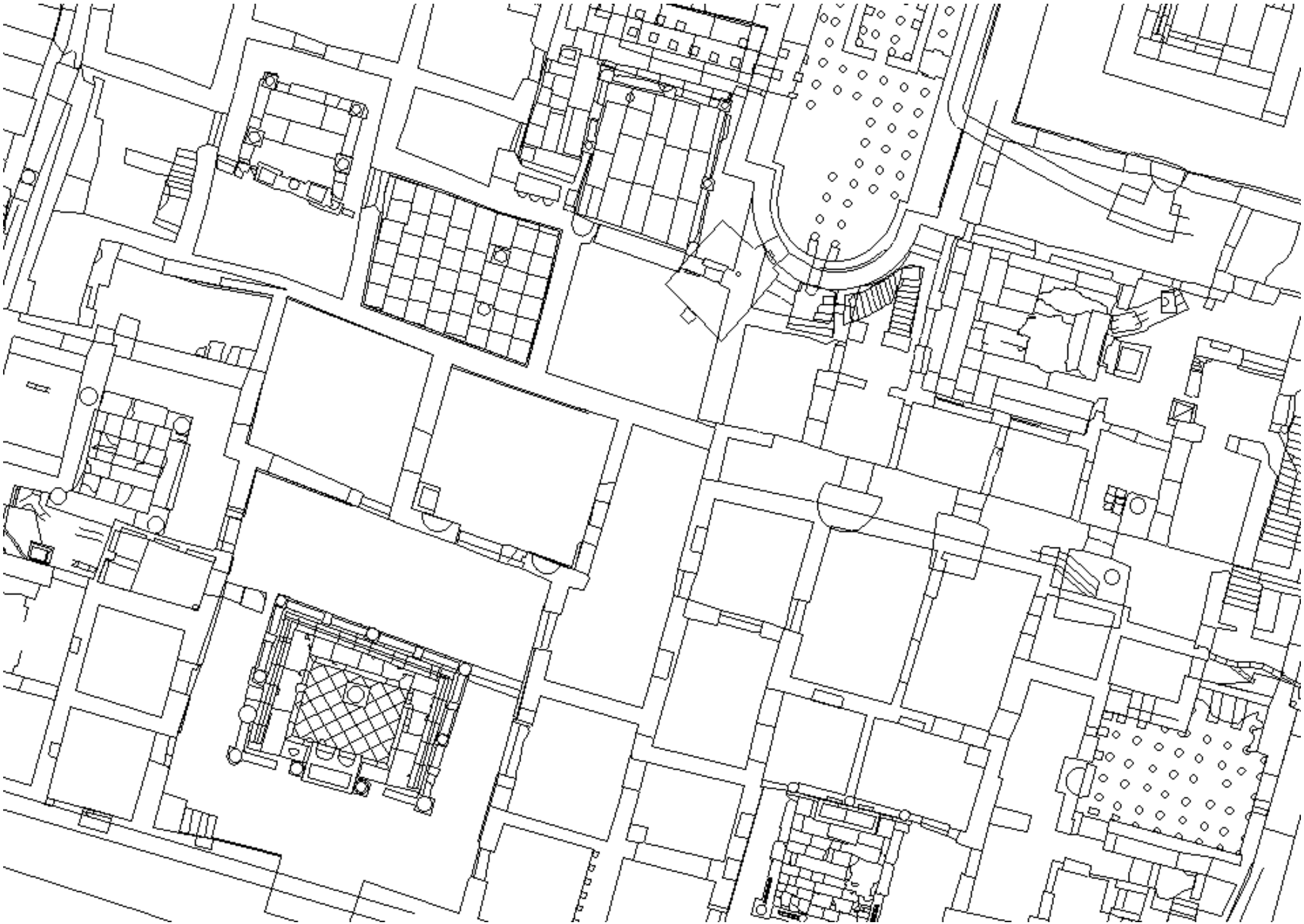
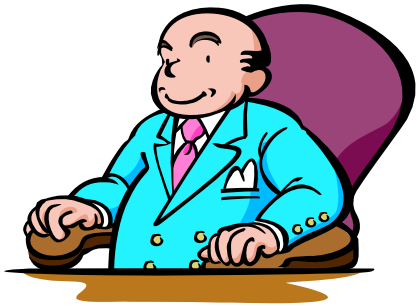
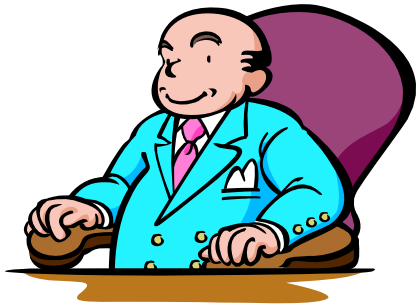


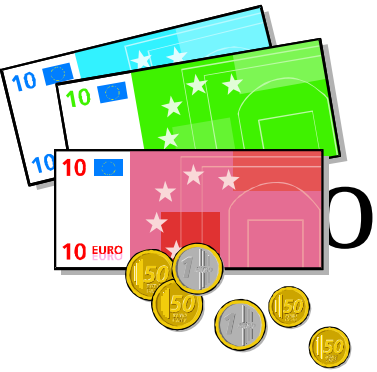
Guidelines

- Top-down

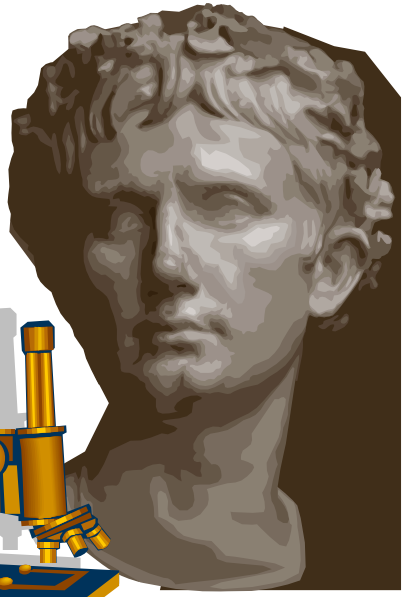


- Bottom up

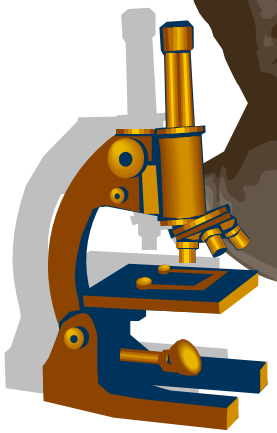




ose Profit ?

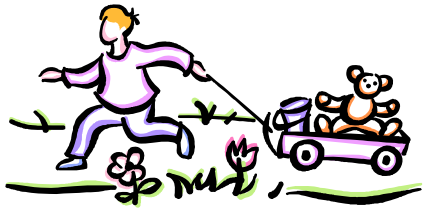


+ Science: archaeology, history
+ Site management
+ Conservation industry



+ Owners, tourism, economy
+ Community, region, country

+ Population, social welfare,
+ Future generations



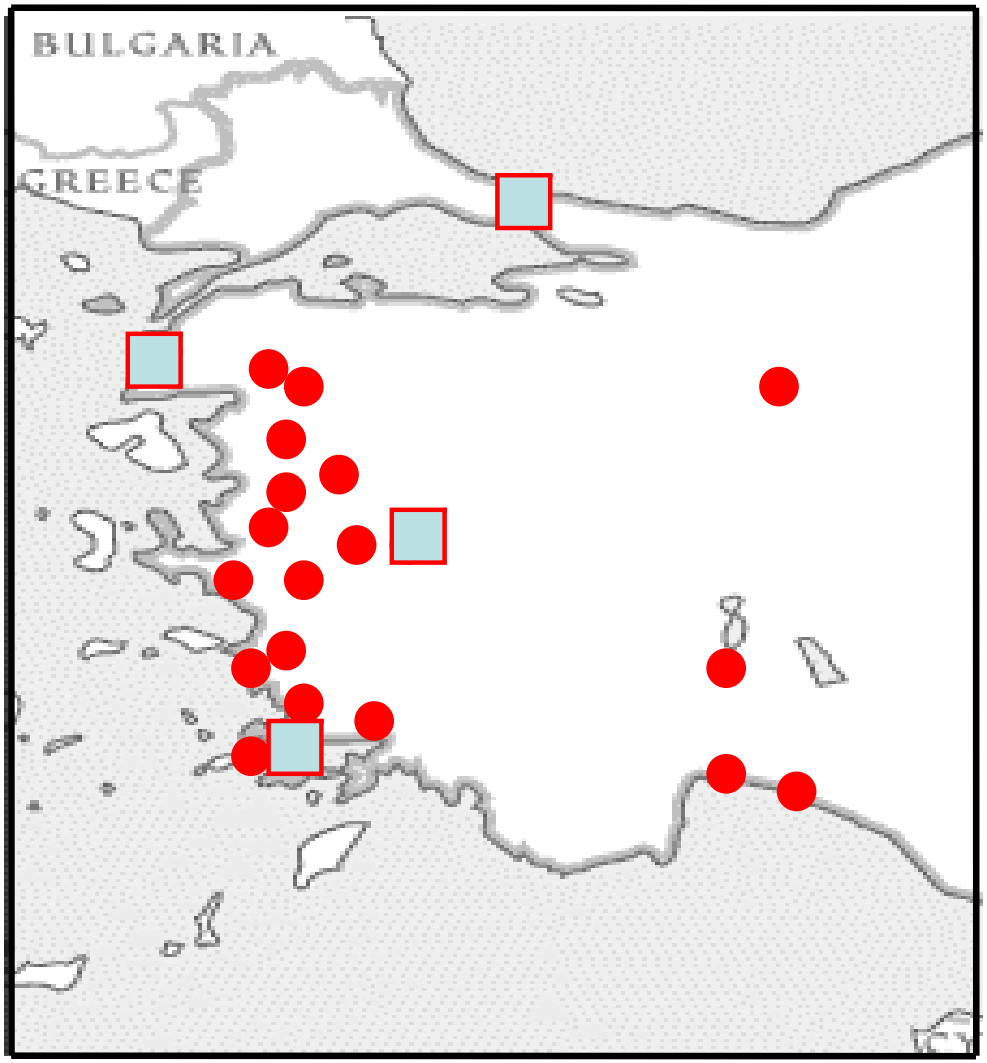
Status of Work

- ICOMOS Turkey: OK, helps with surveys
- Turkish Ministry: Recognition received 2005
- Decision on chairpersons 2006
- Decision on partners and associates 2005/06
- Application for EU project finished 2006
- Symposium Canakkale 2006 (28.5.-4.6.)
- Kick-off meeting end of 2006

22 TG10 Partner‘s Sites

....TG-WH-Site

…TG-NatH-Site



EU-Partner Sites

Main Partner

Assoc.Partner

EU Project Partners

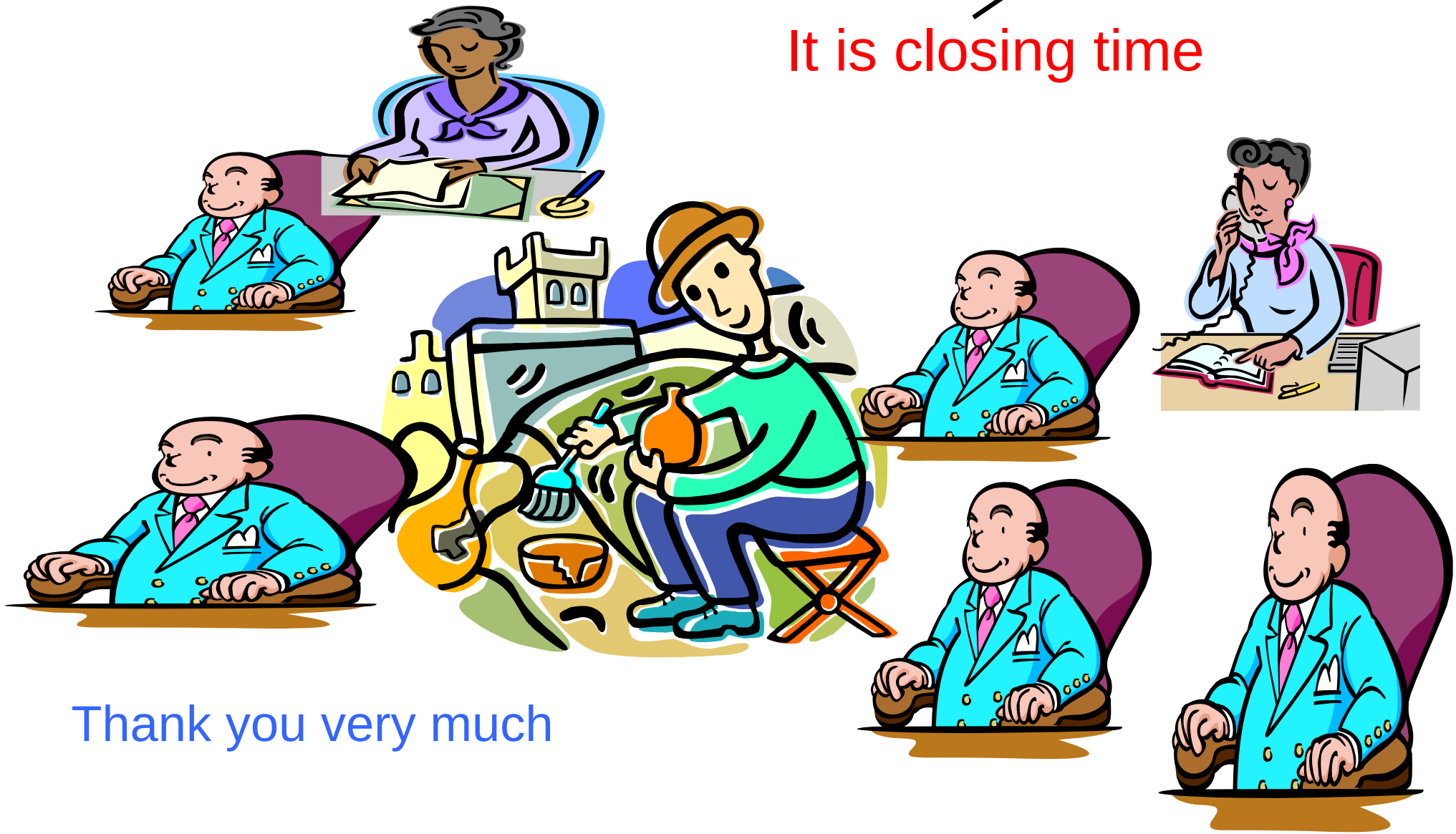
Austria:	U.T.Vienna:	PRS, Carto, Build.Survey, Preservation
	BDA Vienna:	all Austrian monuments & archaeol.sites
	AAI Vienna:	Ephesos; Carnuntum et al.; Egypt, Italy, Greece
Belgium:	CU.Leuven:	Sagalassos,
Germany:	GAI-Istanbul:	Pergamon, Milet et al.
	U.Tuebingen:	German Troy Project
	U.Frankfurt:	Priene
Italy:	U.Lecce:	Hierapolis - Pamukkale
Turkey:	U.Ankara:	Magnesia/Maeander
	ITU Istanbul:	PRS
Denmark:	U.Odense:	Halikarnassos
Sweden:	U.Uppsala:	Labraunda
Greece:	A.U.Thessaloniki:	PRS and CIPA

Summary

- Framework idea: UNESCO Cultural Region
- Core project: Monitoring and management
- Object: Archaeol. sites (Western Anatolia)
- Group: Networks of nat. & intern. experts
- Money: From EU & site management
- Time table: 2006 - 2009
- Results:Guidebook and web-examples

Teamwork of experts

It is closing time



Thank you very much