



*Call for Applications for hosting
the European Institute of Hybrid Systems (EHS)
or some parts of it*

Questionnaire

*to be returned by 25 June 2005 to
contact@ist-hycon.org*

Q1 - Institution Information

	Insert text here
Official Name of Proposing organization	University of Patras (UPAT) Patras Science Park (PSP)
Type of organization (university, public, private, other/specify)	University Public
Organization Representative	John Lygeros Petros Groumpos
Contact information	Department of Electrical and Computer Engineering University of Patras Rio, Patras, GR-26500, GREECE Tel. +30 2610 996458, Fax. +30 2610 991812 lygeros@ee.upatras.gr
Main activity carried out at Institution	Research and education

Q2 – EIHS Functional Unit Sites

Nature of the functional unit site you are interested in hosting (multiple choices allowed):	
EIHS Research Unit Site	<input checked="" type="checkbox"/>
EIHS Educational Unit Site	<input checked="" type="checkbox"/>
EIHS Management Unit Site	<input checked="" type="checkbox"/>

Q3 – Facilities and Services

The University of Patras (UPAT, <http://www.upatras.gr>) was founded in 1964 and is one of the largest Universities in Greece. It comprises 22 Departments organized in 5 schools, employs 670 faculty members and has 20,000 undergraduate and 2,800 postgraduate students. Over the years, 2,800 research projects have been carried out, most administered by the University's Research Committee. The UPAT HYCON team is based in the Automatic Control Division of the Department of Electrical and Computer Engineering. The department of Electrical and Computer Engineering (<http://www.ece.upatras.gr>) is one of the largest in the university, with 55 faculty members, 1000 undergraduate and 200 graduate students. The Division of Automatic Control is one of four divisions in the department, with 8 faculty members, 30-40 undergraduates per year and approximately 20 pre- and post-doctoral researchers. The division is organized in three laboratories, the Laboratory on Automation and Robotics (LAR, <http://www.lar.ee.upatras.gr>), the Systems and Measurements Laboratory (<http://www.sml.ee.upatras.gr>) and the Systems and Control Laboratory.

The Patras Science Park (PSP, <http://www.psp.org.gr/>) is an independent entity set up by the Greek government to foster innovation and entrepreneurship in western Greece. It is situated 500m from the Campus of the University of Patras and about 1km from the Department of Electrical and Computer Engineering, one of the HYCON nodes. The PSP is currently home to 9 SMEs and 3 national institutes of size similar to the starting size of the EIHS: the Industrial Systems Institute (I.S.I., <http://www.isi.gr/>), the Institute of Biomedical Technology (INBIT, <http://www.inbit.gr/>) and the Virtual Institute of Composites. It is located very close and offers good contacts to two much larger research institutes: the Institute of Chemical Engineering and High Temperature Chemical Processes (ICE-HT, <http://www.iceht.forth.gr/>), and the Research Academic Computer Technology Institute (CTI, <http://www.cti.gr>).

Q3-A Administration

	Description	Insert Text here
Office Space	no. and extension of rooms and workstations (one dedicated room is a MUST), phone and fax connectivity and high bandwidth Internet (MUST);	One room of 10m ² can be rented at the PSP. The room is air conditioned and equipped with telephone/fax lines and high bandwidth internet access
Administrative Assistance	general services (MUST), assistance in proposal development, experience in funding seeking, compliance oversight, internal auditing (SHOULD);	Administrative support can be provided by the PSP secretariat. This includes financial and legal support, secretarial support and technical support. The Institute of Chemical Engineering and High Temperature Chemical Processes (ICE-HT), and the Research Academic Computer Technology Institute (CTI) are independent entities that routinely bid for grants and contracts with national and international funding agencies and companies. For a low overhead they provide support for budget and cost statement preparation, administration and auditing. If the EIHS is situated at PSP/UPAT the possibilities collaborating with these institutions will be explored.
Dissemination	Website development and management, job posting, newsletters and press release editing, experience in industry contacts (SHOULD).	Support for website development can be easily solicited through PSP/UPAT; in fact the PSP is home to at least one SME that specializes in web services. The PSP issues regular press releases regarding its activities to the local and national media.

Q3-B Functional Operation

	Description	Insert Text here
Office Space	no. (3 is MUST) and extension of rooms, phone connectivity, high bandwidth Internet (MUST);	One room of 50m ² partitioned in two can be rented at the PSP. One office can also be made available at the Department of Electrical and Computer Engineering at UPAT. All rooms are air conditioned and equipped with telephone and high bandwidth internet access.
Internal meeting rooms	space for working briefings and open discussion (MUST), teleconference equipment (SHOULD);	One meeting room is available at PSP. Two meeting rooms are available at the Systems and Control division of the Department of Electrical and Computer Engineering at UPAT. All meeting rooms are available free of charge. Teleconference equipment is available at the multimedia equipped classroom discussed below.
Classrooms	no. and allowable audience (1 for an audience of 30 is MUST), multimedia equipment (MUST);	<p>A 50 seat auditorium is available at PSP. 10 classrooms are available at the department of Electrical and Computer Engineering, with capacities ranging from 40 to 180 seats. Numerous smaller classrooms are also available. All classrooms are free of charge but are subject to booking. Availability may be limited during teaching term and examination periods.</p> <p>More teaching facilities (including a large multimedia equipped auditorium) are available at the UPAT Conference and Culture Center (http://www.confer.upatras.gr/). The Center can also host larger events such as summer schools and workshops. Use of rooms at the Center are subject to a fee.</p> <p>Computer projectors available in all classes. One classroom is equipped with videoconferencing and offers advanced multimedia capabilities.</p>
Laboratories	number and equipment of research labs, description of computer and software equipment, description of experimental facilities, relation with benchmarks in WP2 (SHOULD);	Researchers at EIHS will have access to two labs at the division of Systems and Control of the Department of Electrical and Computer Engineering, UPAT. These are the Lab for Automation and Robotics and the Systems and Measurements lab. The labs provide facilities for experimental work on robotics and networked control systems, as well as numerous PC's.
Libraries	no. of libraries, quantity of books, specialized vs. general interest, no. of subscribed journals in field, no. of on-line available journals and search software (SHOULD).	Researchers at EIHS will have access to the UPAT library. The library holds an extensive collection of books, periodicals and conference proceedings. It also offers on-line access to journals by most of the major publishers, including the IEEE, SIAM and Elsevier. Additional libraries are available at the PSP, and the UPAT Medical School.

Q3-C Logistics

	Description	Insert Text here
Housing	<p>cost and no. of bed/nights available in different periods of the year (e.g. in summer breaks vs. all year long). Presence of student dormitories and low-cost lodging are considered positively (SHOULD);</p>	<p>UPAT/PSP are well served by hotels and other forms of accommodation. Two hotels of 20-30 rooms are located within comfortable walking distance from the Department of Electrical and Computer Engineering. Three bigger hotels are located within a 10 minute drive. Room prices depend on hotel and season; one would generally expect 45-80 Euros per night for a single room. Availability is generally not a problem. However, during the summer months, when the University typically hosts a number of conferences, advanced bookings are advisable.</p> <p>Rooms in student dormitories are limited and generally difficult to secure, especially during teaching term.</p>
Food	<p>availability and cost of nearby restaurants, food courts, university cafeterias, food catering, etc. (SHOULD)</p>	<p>The Department of Electrical and Computer Engineering is located 100m away from a restaurant/café and the student cafeteria. Both offer very reasonably priced (i.e. heavily subsidized) meals during the daytime on weekdays. PSP is also home to its own restaurant/café.</p> <p>A number of other restaurants are located within walking distance from the UPAT campus and even more a short drive away. Meal prices are in the range of 7-50 Euro.</p>

Q3-D Other Aspects

	Description	Insert Text here
Duration	<p>Expected duration of the arrangement, provided that sustainability is guaranteed. Two years is MUST.</p>	<p>Two years</p>
Miscellanea	<ul style="list-style-type: none"> ▪ In or near a major city ▪ Area of scientific research ▪ Capability of sustaining growth ▪ Public Transportation (SHOULDs) 	<p>UPAT/PSP are situated in Rio, a suburb of Patras, about 20km from downtown. Patras is the third largest city in Greece (population 250,000). It is also home to Greece's third largest port, with daily services to ports in Italy.</p> <p>By air Patras is serviced by Athens Eleftherios Venizelos Airport. The airport is 240km away and can be reached by car (2.5 hours), bus or train (3.5 hours).</p> <p>Patras is strategically located between the mountains the sea. The beach can be reached on foot and it is a 45 minute drive to the closes ski resort. Tourist attractions such as Olympia, Delfi and Mycene are all less than 3 hours drive.</p>

Q4 –Utilization of Resources

Costs for a two year duration

	Amount (€)		Request to EIHS (€)	Co- financing (€)	Origin of co- financing
Overhead Costs	9,600	electricity, telephones and internet connection bills, possible costs required by internal regulations, etc.	7,200	2,400	PSP
Personnel Costs	66,000	secretaries, laboratory or web experts etc.	45,000	21,000	UPAT
Equipment Costs	15,000	computers, fax machines, photocopier, experimental setup, etc.	15,000	-	
Facilities Costs	12,000	rental fees, structure maintenance, library fees, and cost of services offered	12,000	-	Rent subsidized by PSP

Q4-A Minimum Requested

Total Cost	102,600
Total Requested Funding	79,200
Minimum Sustainable Requested Funding	55,000