



GENERAL PROPOSAL INFORMATION

Proposal Title Institute of Atomic Physics and Spectroscopy - Centre of Excellence for Basic Research in Nanoscale Physics and Applications

Acronym NSPA

Type of proposal AM

Thematic Priority: GROW-2001-1 GROW-2001-1-6

Keywords

Project duration (months) 36

Partner Summary

Part n°	Organisation name	Ctry code	Type	Size	Costs (Euro)	EC fund. requested (Euro)	Tot. man-mths
1	UNIVERSITY OF LATVIA	LV	HES-GOV	S6	572600	572600	

Total project cost 572.6 kEuro

EC funding requested 572.6 kEuro

Abstract

The project "Institute of Atomic Physics and Spectroscopy - Centre of Excellence for Basic Research in Nanoscale Physics and Applications" is based on a long-term and recognized expertise and research in Atomic, Molecular, and Chemical physics, spectroscopy and applied research in optics, optoelectronics, laser and plasma technologies. Responding to recent political and economic challenges, to social needs in Latvia and to the EU enlargement process the Institute has worked to reach competence in bio-medical optics, atmospheric research, and sustainable technologies. It was possible due to variety of active links with advanced western centres after the fall of "iron curtain". The proposed project aims to take the opportunity of this call to create a long-term capacity for basic and applied research activities in the field by strengthening co-operation with colleagues in Western Europe within the emerging European Research Area.

Evaluation Summary Report

Scientific and technological excellence	Thres: 4	Final mark: 4/5
Comments: There is no doubt that the proposer is scientifically and technically a very strong institute in the field of atomic and nanoscale physics and spectroscopy. However, some of the topics dealt with in the proposal (in clearly identified tasks) concern activities not directly relevant to the scope of the present call and should be cut from the workprogramme. Task2, on the contrary, concerns the understanding of low energy plasmas and exchange of information through visits in a field which is of importance for materials processing, surface treatment and etching processes.		
Partnership, management and resources	Thres: 0	Final mark: 4/5
Comments: The distribution of qualifications and age of the permanent staff involved appears to be good. The funding should be readjusted to the part of the proposal that is in scope, and can be limited to 100 000 EUR.		
Contribution to Community social objectives	Thres: 0	Final mark: 4/5
Comments: There are good local links with the medical, educational and consulting sectors.		
Economic development and S&T prospects	Thres: 0	Final mark: 3.3/5
Comments: The project (by its nature) very much concentrates on the academic society and very little, or indirectly, on the industrial world.		
Community Added value	Thres: 0	Final mark: 3.7/5
Comments: The proposed project would contribute to the integration of the NAS country into the European Research Area in the field of nanoscience and its applications.		
Overall	Thres: 0	Final mark: 39/50
Comments: The majority of the tasks proposed, though of good scientific quality, do not entirely fall within the scope of the call and of the Programme. However, it is recommended to fund only Task 2, which is a stand-alone workpackage and in scope with the call, together with Task 7 (coordination and contacts), for a total EC contribution of 100 000 EUR.		

Retained for Negotiation