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***Present State,
Development Plans and
its role in the Technological Park***



Today's Presentation

- UCY Present State & Development Plans
- Research Activities at UCY
- e-University Initiative
- UCY's VISION in Technology
 - ◆ Diogenes Incubator Center



UCY Vision

UCY aims to become and remain a pioneer research institution achieving international scientific recognition in European Higher Education, offering competitive educational programs, and become a centre of distinction in the wider Eastern Mediterranean Region

Basic Pylons

- Teaching
- Research
- Social Contribution



Present State

- ✚ 6 Schools (Faculties)
- ✚ 19 Departments
- ✚ 3 Research Units

- ✚ DIOGENIS Incubator Centre
- ✚ Centre of Continuing Education, Assessment & Development
- ✚ Teaching and Learning Centre
- ✚ National Committee for Support (Fundraising)
- ✚ Brussels Office

- ✚ 3584 Undergraduate Students
- ✚ 847 Postgraduate Students

- ✚ 309 Positions of Academic Staff (209 active)
- ✚ 258 Positions of Administrative Staff (208 active)



Development Plans

- ✚ Completion of the new University Campus
- ✚ 3 New Schools
 - ◆ Law
 - ◆ Medical
 - ◆ Fine Arts
- ✚ e-University
- ✚ Co-operation with Middle East Countries



Research Activities at UCY – Introduction

- With only 11 years of life in its back, the University aspires to establish itself as a research-oriented institution that combines research with teaching in order to promote knowledge and educate highly qualified specialists and professional

	1992-1995	1996-1998	1999-2001	2001-2002
Faculty	107	132	140	264
Books	80	100	118	
Book Chapters	25	140	204	
Papers	777	849	986	

- The output of papers in relation to staff members places UCY in the class of very productive research institutions



Research Activities at UCY – Socioeconomic Effects

- ✚ Large part of the research contributes to what is called “pure science”
- ✚ Many of the studies contribute to applied research focusing on the understanding and solution of practical problems we face in Cyprus and the region
- ✚ Through these programs the University contributes directly to the improvement of the quality of life and to sustainable economic growth of Cyprus



Research Activities at UCY – Funding

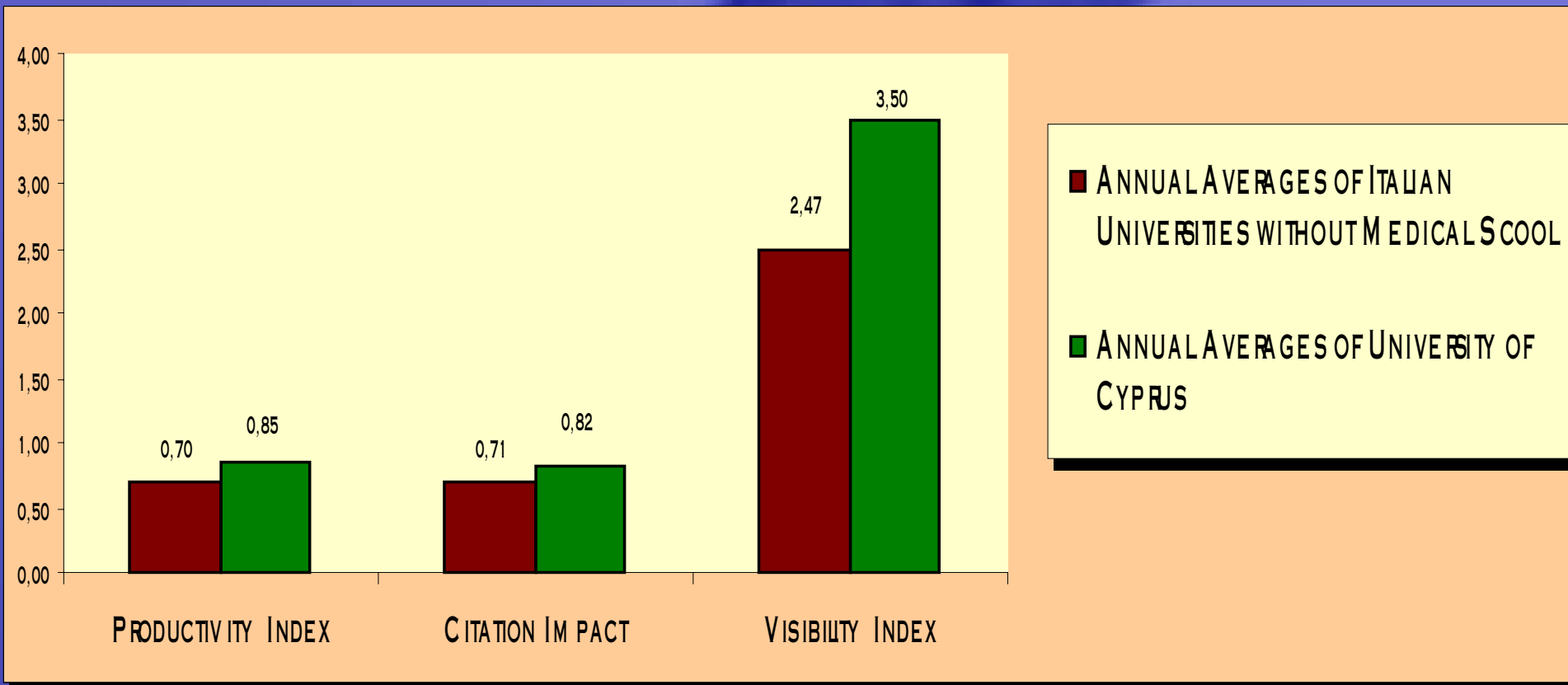
- ✚ Research programs are supported by both state and international funding agencies

	- 1995	1996	1997	1998	1999	2000	2001	2002
Ratio of <u>state</u> funding to <u>external</u> funding	1:1	1 : 3	1 : 1.3	1 : 2.5	1 : 1	1 : 12	1 : 9	1 : 5

- ✚ Research is profitable at many different levels, and the faculty have been very efficient in leveraging national funding
- ✚ Teaching is continuously enriched by its ongoing research
- ✚ The process of cross-fertilization between teaching and research has been intensified with the development of post-graduate and doctoral studies



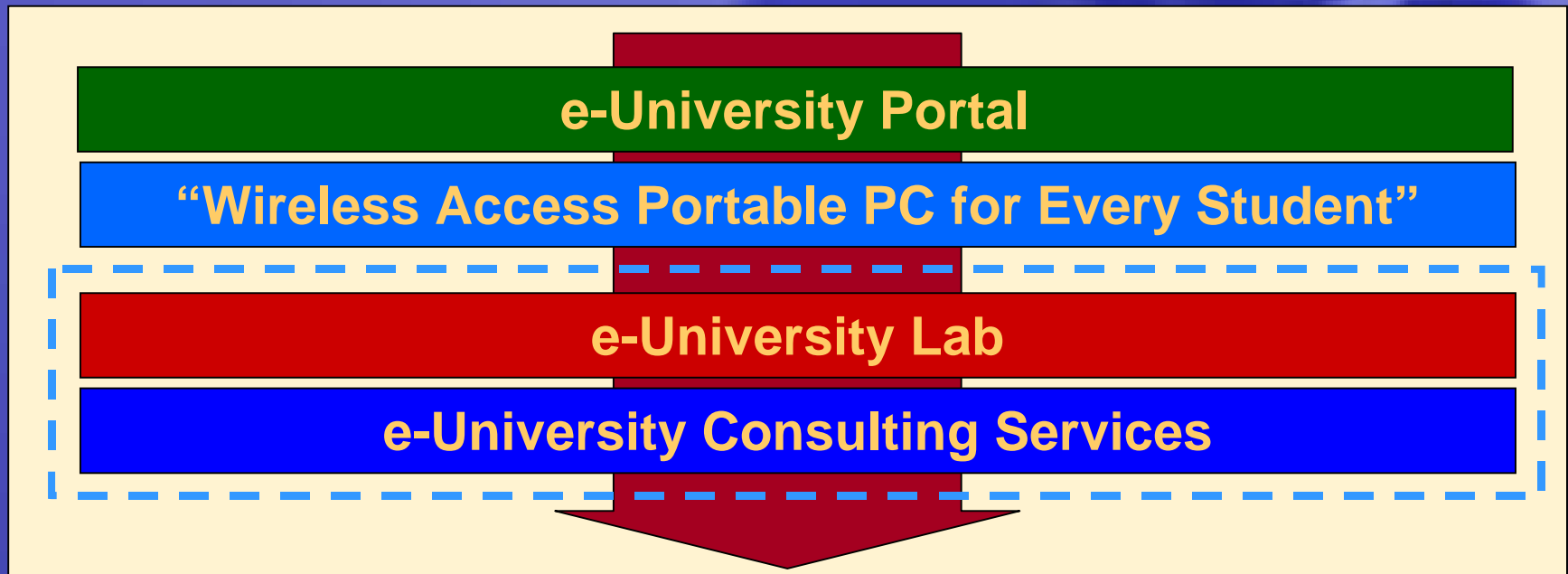
Annual Averages in comparison with Italian Universities without Medical School





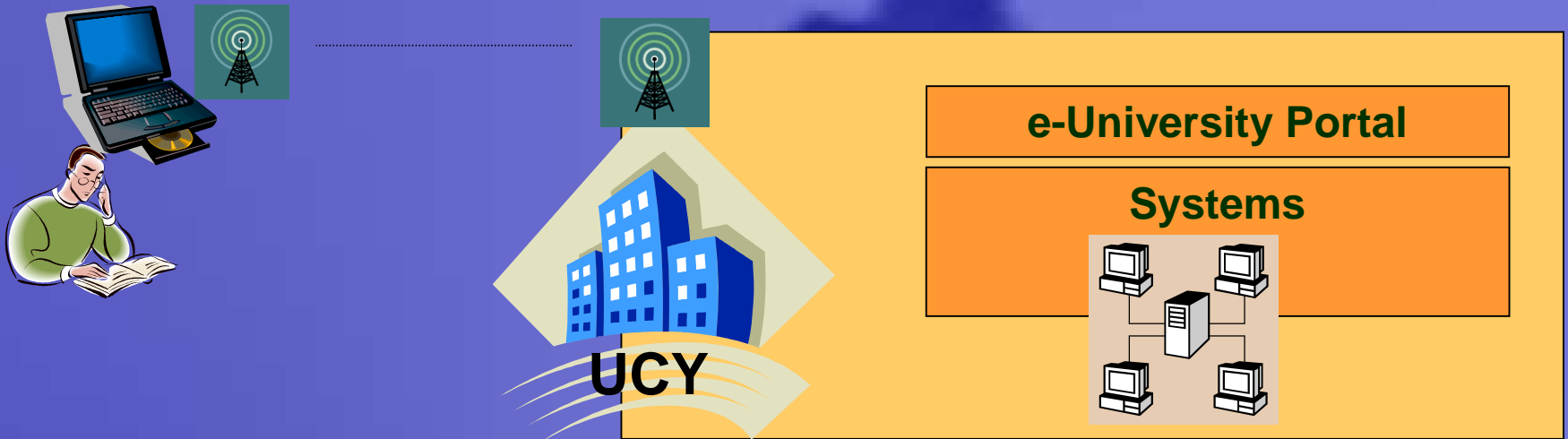
e-University Initiative

- ✚ Another vital strategic initiative taken by UCY
- ✚ Description: an “umbrella” or framework that supports any current or upcoming project aiming to develop or improve a web-based environment for supporting and enriching the access to the university systems and services
- ✚ Scope: to develop a technology platform and a framework of thought that will lead to innovative and creative technologies and new trends in the area of the electronic university





“Wireless Access Portable PC for Every Student”



- ✚ In the last 3 years UCY has taken the initiative of developing a technical framework for mobile wireless access within (and later on in the wider proximity of) the physical area of the university campus
- ✚ A pilot project has been implemented with the allocation of 30 wireless-access-capable portable computers to students of the Department of Computer Science
- ✚ The plan is to go full-scale within the next few years



e-University Research Lab

- ✚ There are plans to create an e-University Research Lab

- ✚ The lab will
 - ◆ serve as a platform/environment for contacting applied and theoretical research and other development activities
 - ◆ research, develop and promote technologies and trends in the e-University area

- ✚ The resulting solutions and services will become available and be deployed not only to the UCY environment but also to other academic and educational organizations both locally and globally



e-University Consulting Services Center

- ✚ UCY plans to set a team of experts for providing consulting services
- ✚ Target market
 - ◆ Other local and global educational institutions
 - ◆ Private or governmental organizations that are in the process of developing e-learning or educational portals and web-based systems
 - ◆ Organizations that are in the process of developing the technical and organizational infrastructure of web-based e-learning



UCY's Vision in Technology

Cyprus and EU

- Second smallest state of the 25 EU members

Cyprus Economy

- Transformation from agriculture to services
- Tourism-fueled economy
- Highly educated HR

Current Trends

- Professional/technology –based services
- Upcoming telecom deregulation
- High-level governmental strategic initiatives
- New Industrial Policy

A well-planned and implemented long-term strategy

Complete coverage of the full spectrum of the Technology Life Cycle

Close ties with government and the industry through projects and collaborations

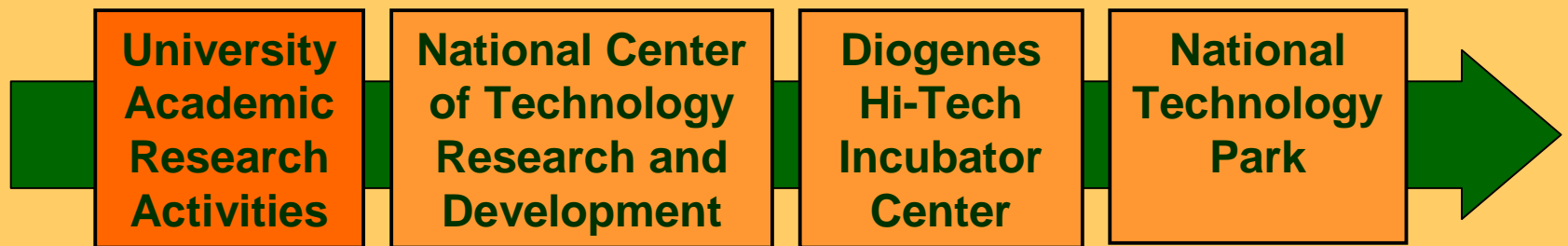
- Profound effects in the Cyprus economy
- A modern European economy with a technology-based competitive advantage



Technology Life Cycle – Complete Coverage

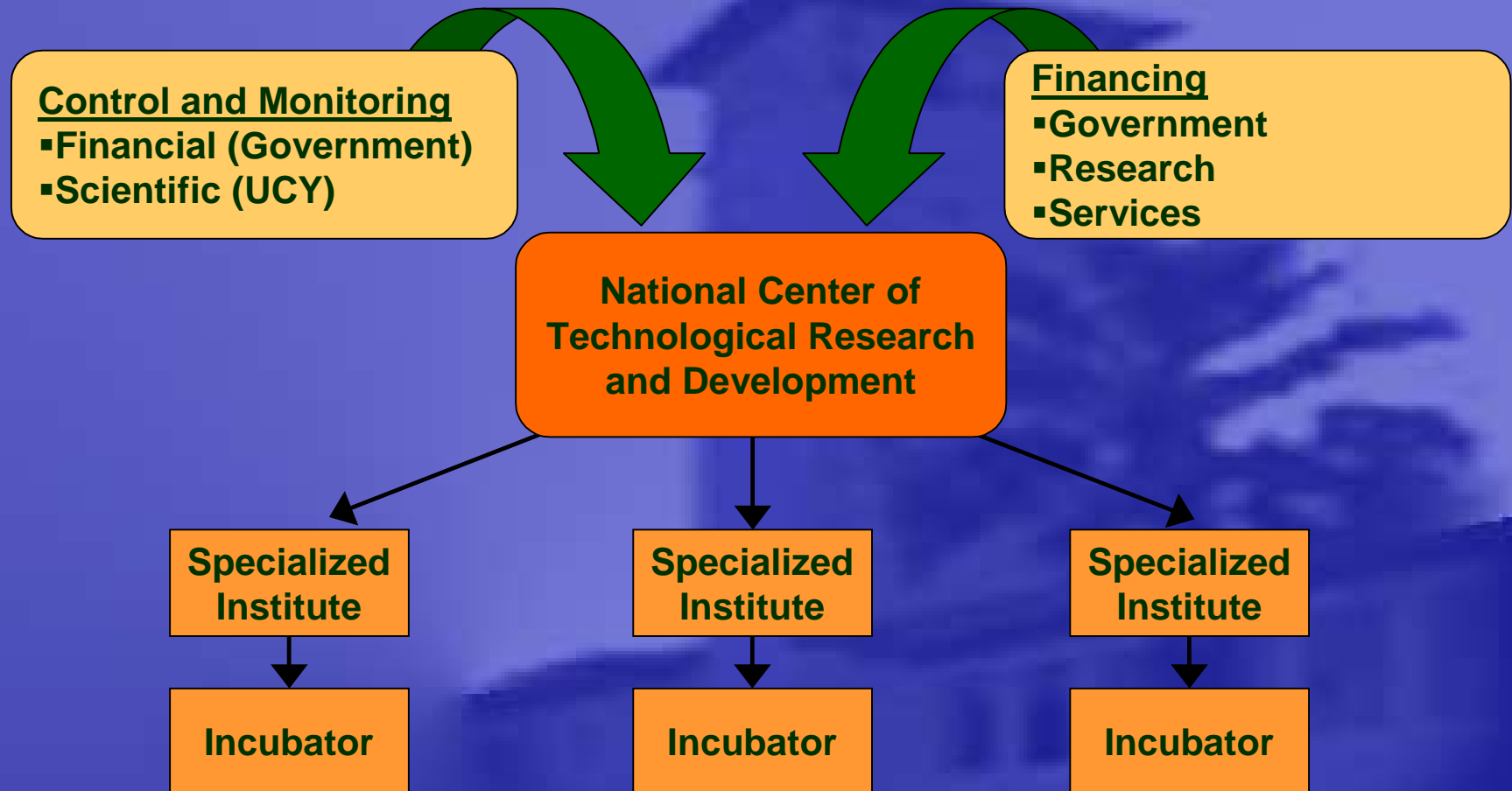
- ✚ One of the major strategic initiatives of UCY is the expansion, enrichment, and complete coverage of the full spectrum of the technology life cycle. In addition to the traditional academic research activities, UCY is in the process of thinking ...

Technological Research Chain





National Center of Technological Research and Development (NCTRD) ...





... National Center of Technological Research and Development

- The Cyprus Government has decided to create a National Center of Technological Research and Development
 - ◆ to contact/undertake pure and applied research and development in specific hi-tech-related areas in which Cyprus seems to have a competitive advantage
- The Center will promote the following:
 - ◆ Applied research and development that will help the economy and society through collaborations and alliances with the local industry, social organizations, the local governance bodies and tourism organizations
 - ◆ Pure research in cutting-edge areas that have an industrial perspective
 - ◆ Training and career canceling and career rebuilding for the university graduates

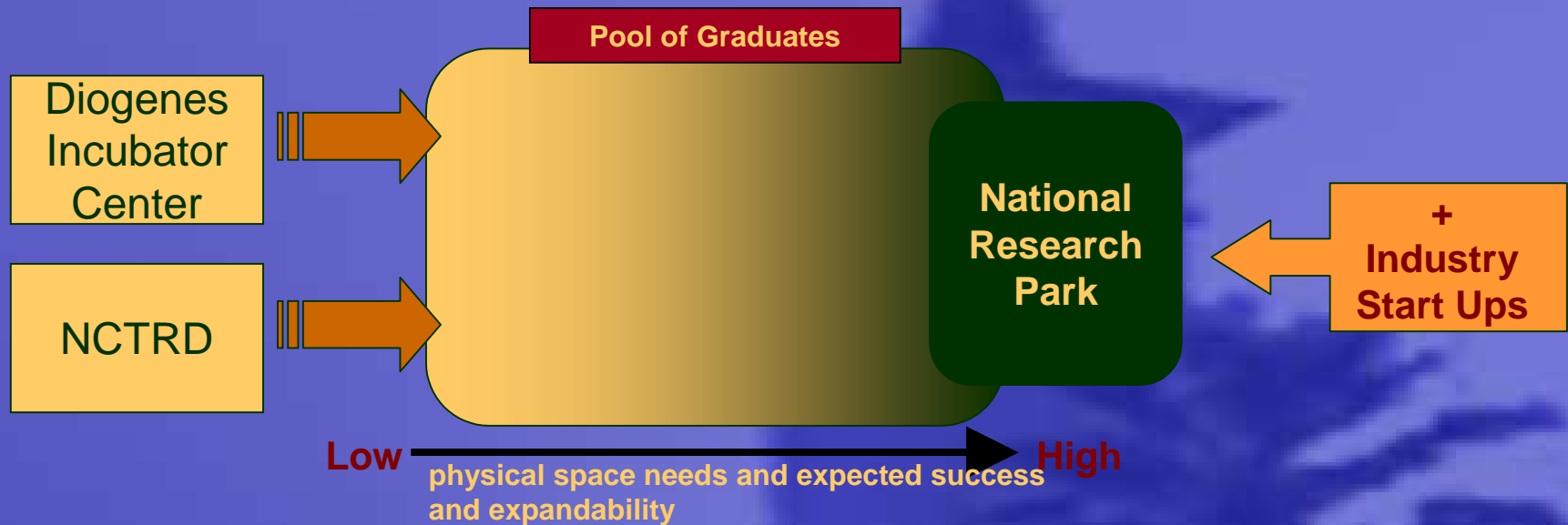


Diogenes Incubator Center – Rationale

- **The Ministry of Trade, Industry and Tourism implemented New Industrial Policy**
 - ◆ Creation of modern economy, competitive with those of the Western and the new European world
 - ◆ Approved the creation of High-Tech Incubator Centers in Cyprus
 - ◆ UCY is one of the four organizations that have been approved to create a Hi-Tech Incubator Centre
- **UCY's decision for the creation of a Hi-Tech Incubator Center comprises and arises from the following important goals**
 - ◆ the promotion of applied research
 - ◆ the promotion of the academic and research interests of the members of the institution
 - ◆ the active engagement in all the phases of technology life cycle, and the collaboration with the industry and the private and public sector



National Research Park



- ✚ The Cyprus Government, with the participation of UCY, is planning the creation of a National Research Park
 - ◆ will provide full support to the successful ideas that have proven their viability and sustainability (either by successfully exiting the NCTRD or by graduating from Incubator Centers) and they are ready to proceed to the deployment and commercialization stage



Thank you for your attention

THINK
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