



TÜBİTAK

MARMARA RESEARCH CENTER

July 2010
Gebze, Kocaeli / TURKEY

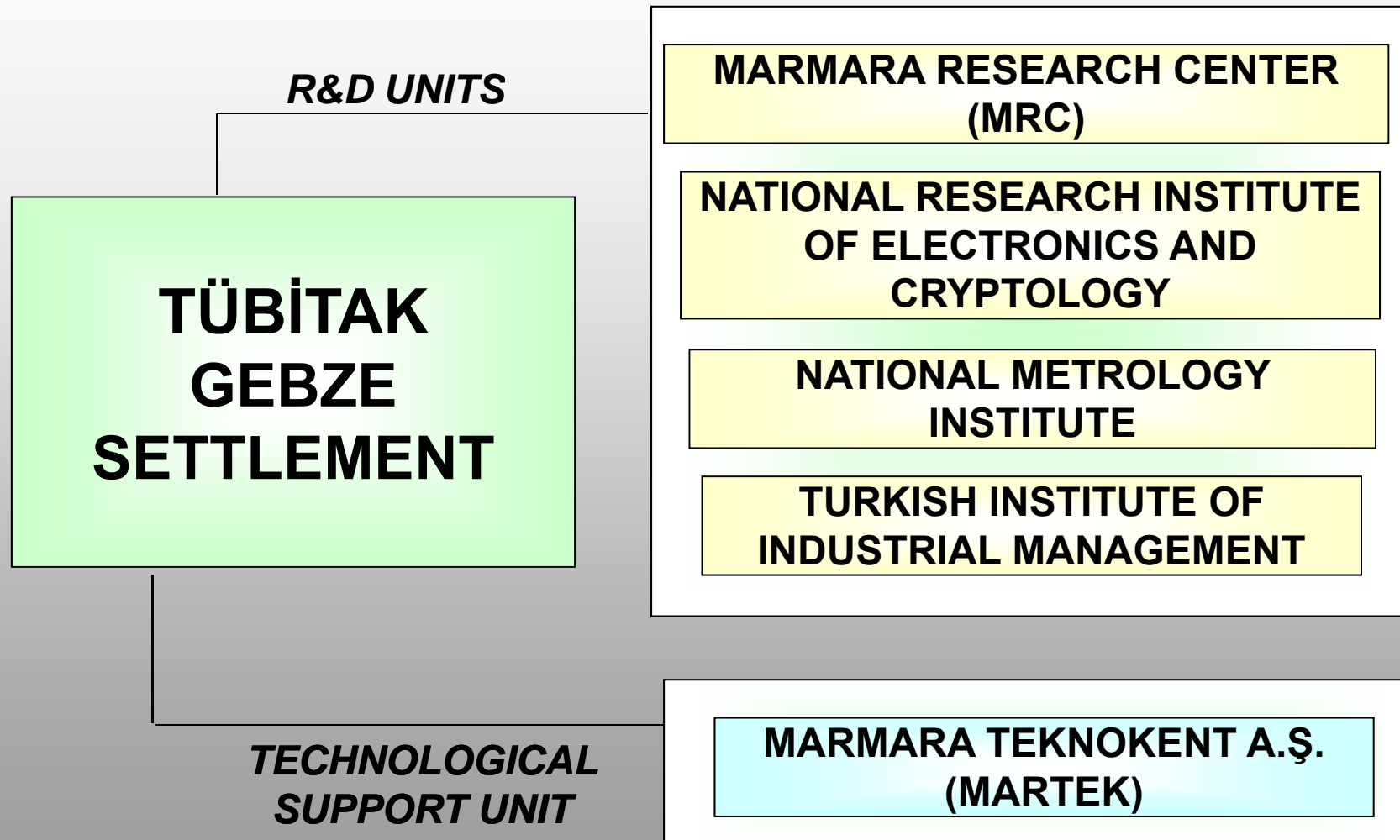
Presentation Plan

- **TÜBİTAK Gebze Settlement**
- **TÜBİTAK Marmara Research Center**
- **Industrial Partnership Program**
- **Marmara Technopark**

History

- Foundation of TÜBİTAK, 1963, Ankara
- Mission; Developing policies for science & technology, Funding and Research.
- Foundation of Marmara Research Center, **1972**, Gebze.
- Area, **8000** acres.
- Some Institutes are separated from Marmara Research Center and report directly to the TÜBİTAK Presidency.

TÜBİTAK Gebze Settlement



TÜBİTAK Marmara Research Center

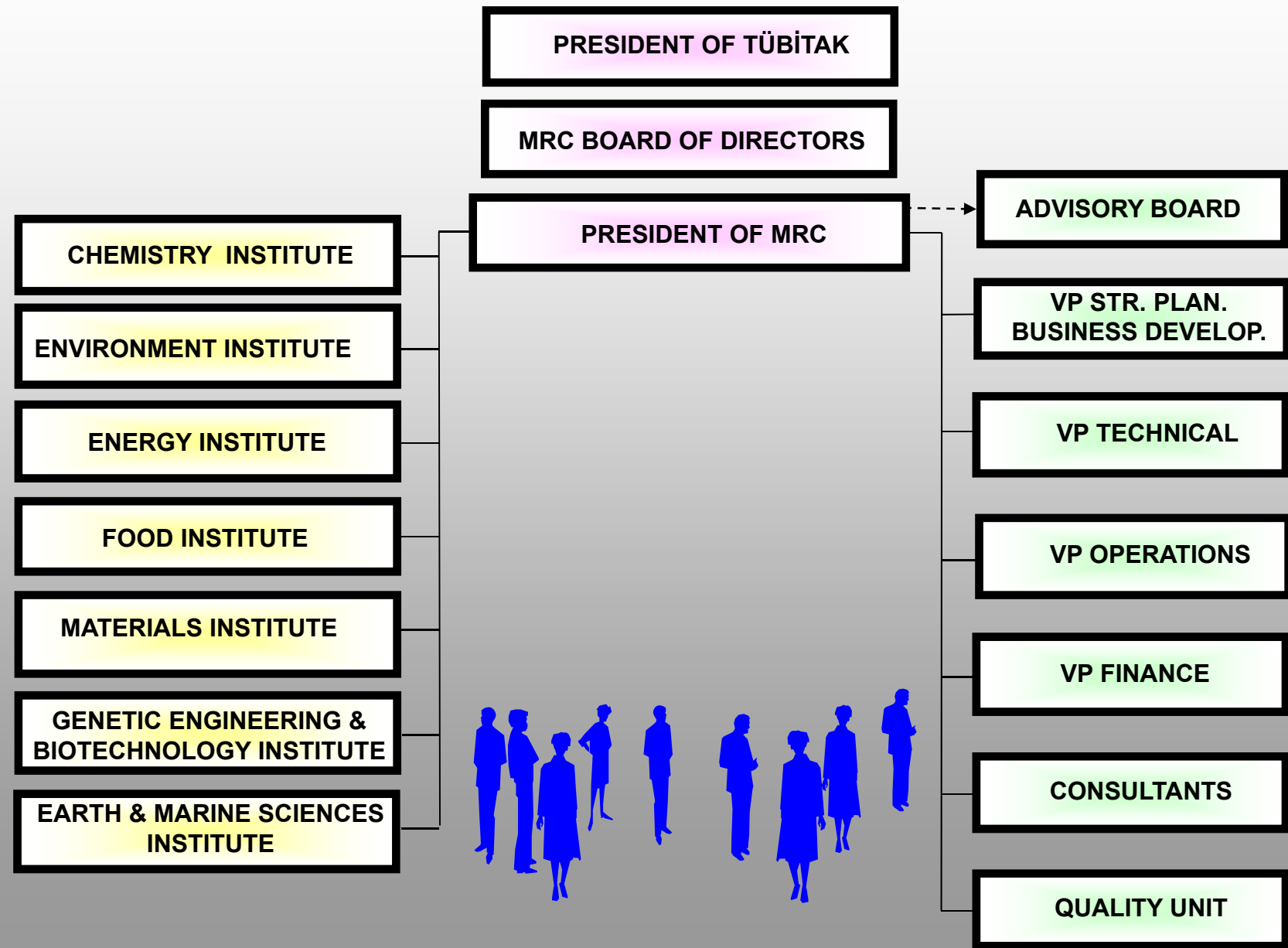
VISION

To be among the leading science and technology centers of the world in the field of applied research.

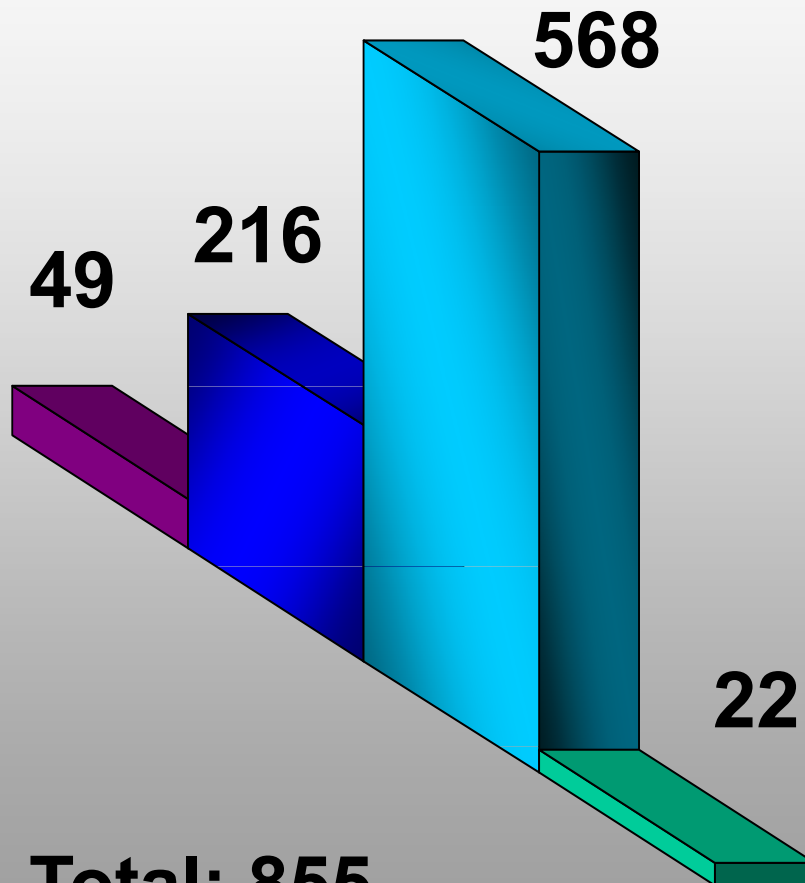
MISSION

To contribute to the development of Turkey's competitive power, using science and technology.

Organization Chart

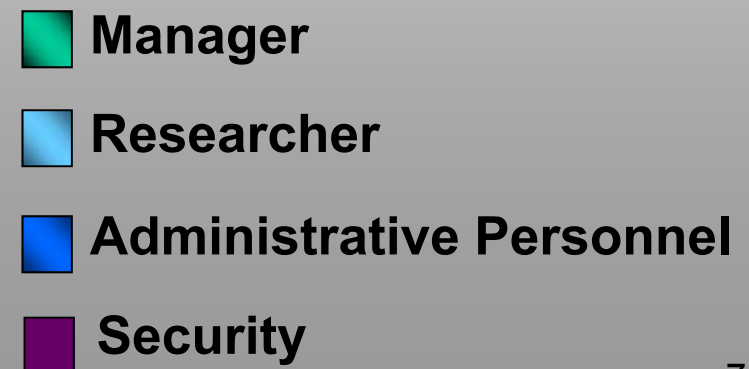
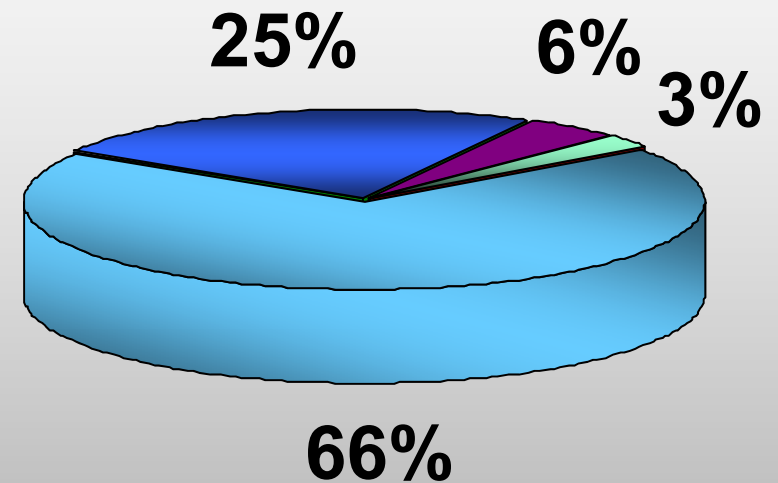


Personnel Profile

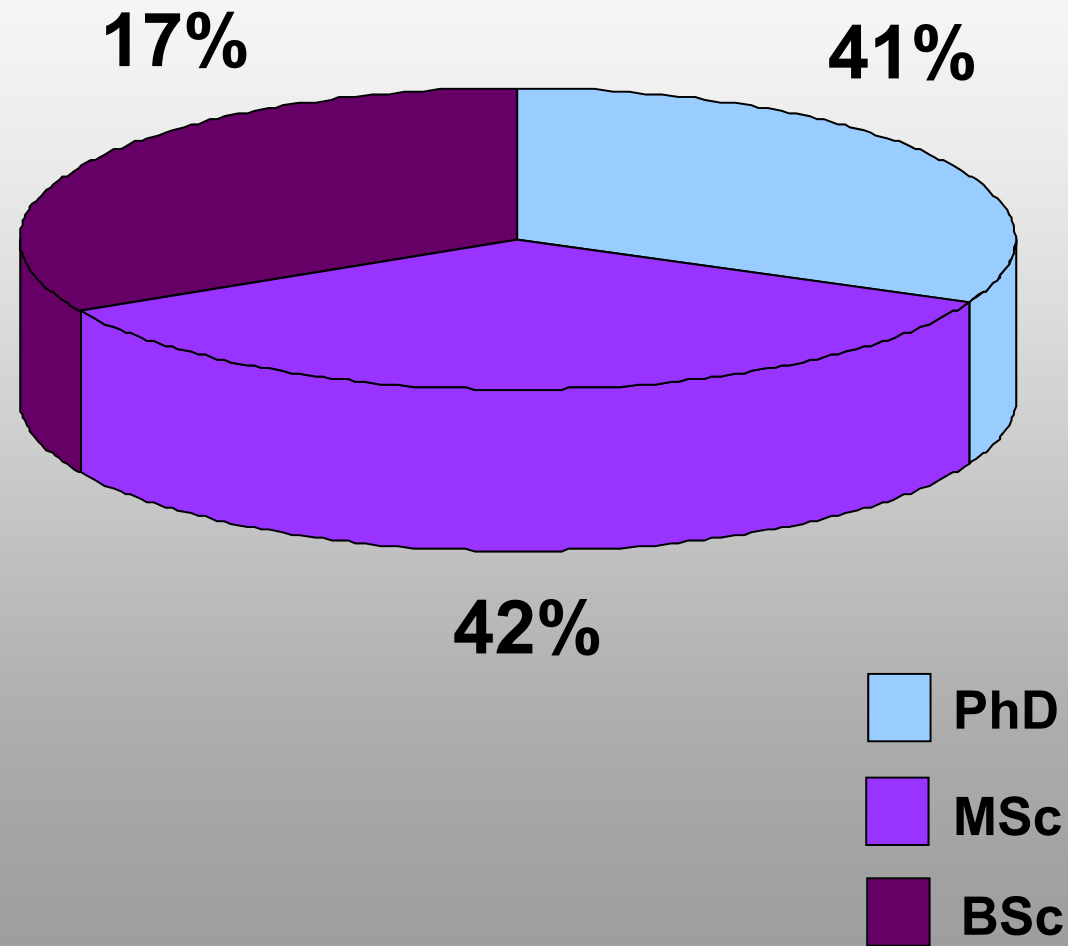


Total: 855

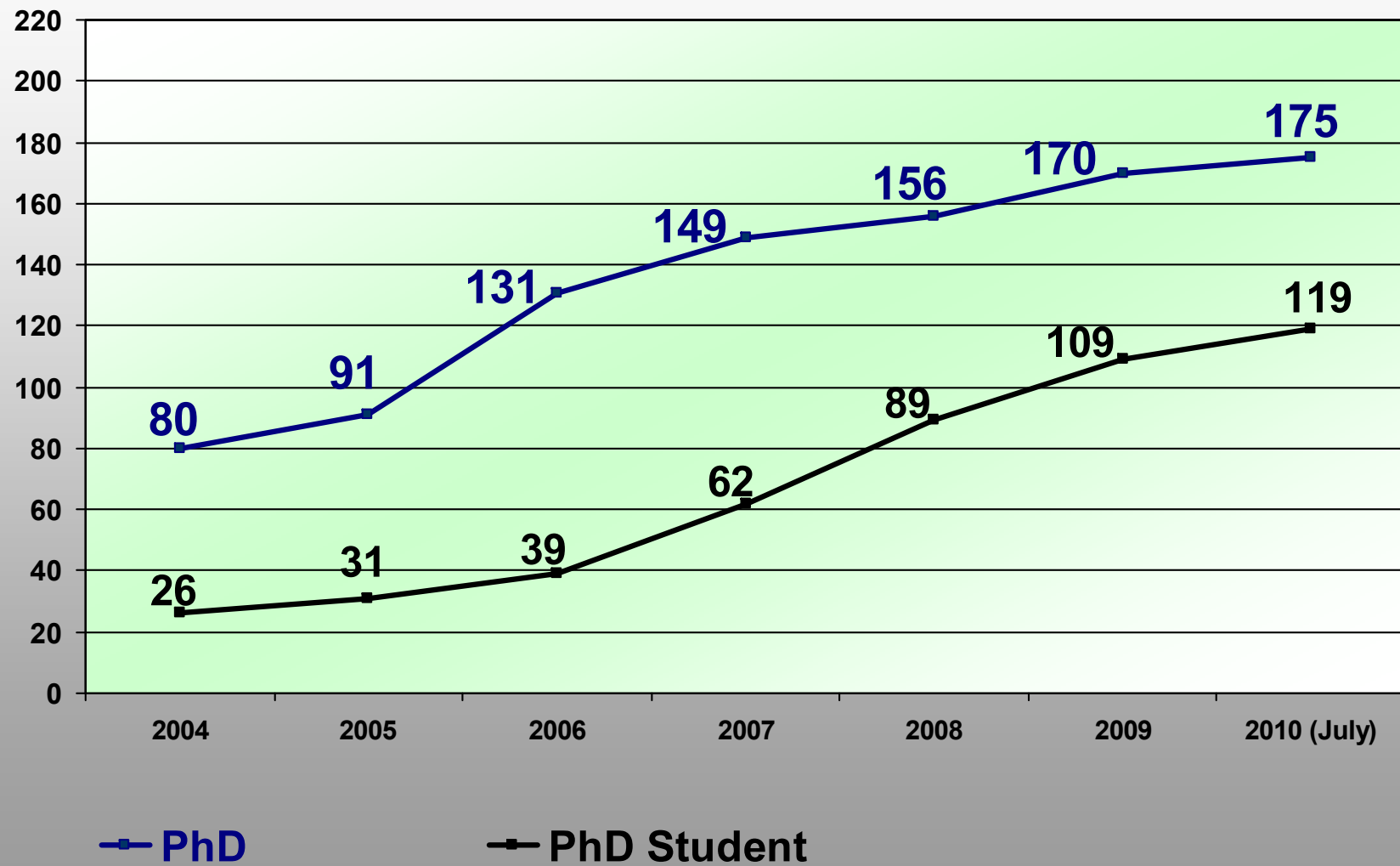
*July 2010



Researcher Profile



Researcher Profile (PhD)



Services

Projects

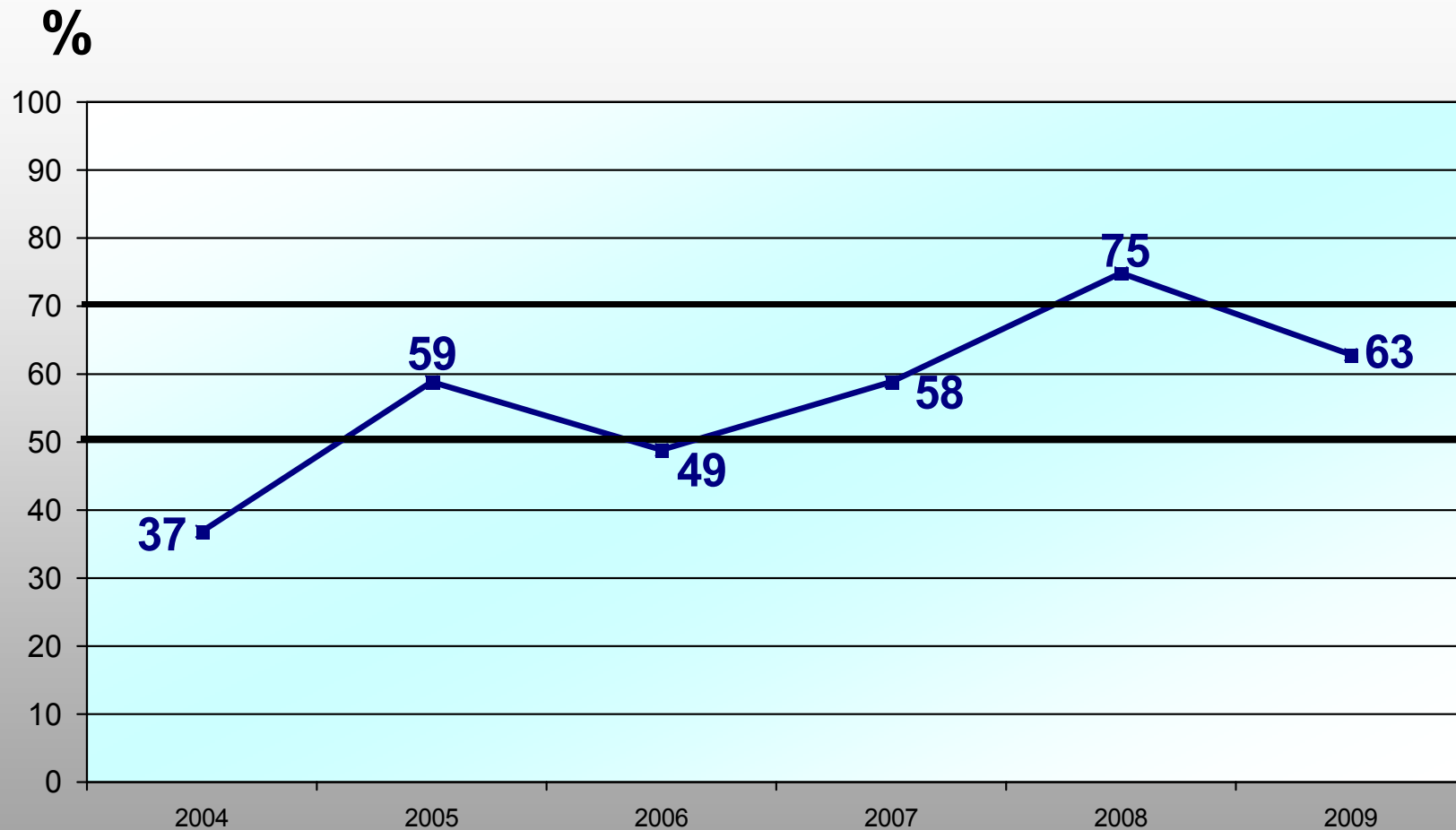
- Industrial
- Strategic



Industrial Services

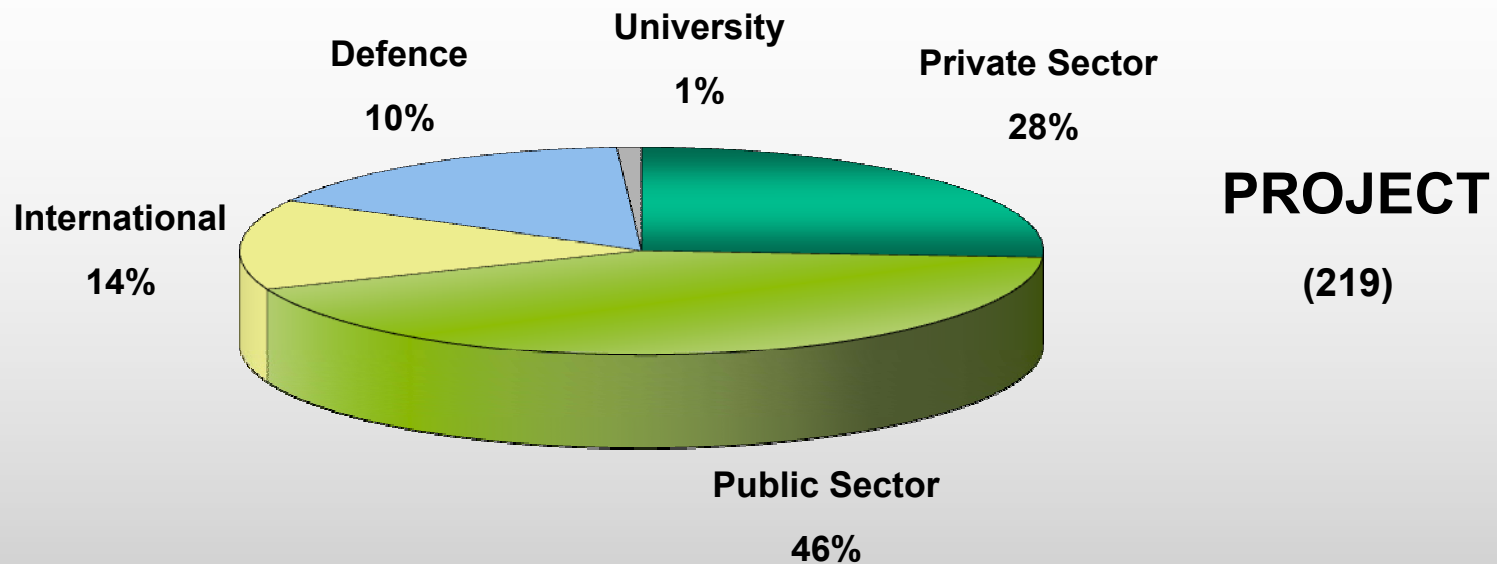
- Testing
- Analysis
- Consultancy
- Training

Self Sufficiency Ratio

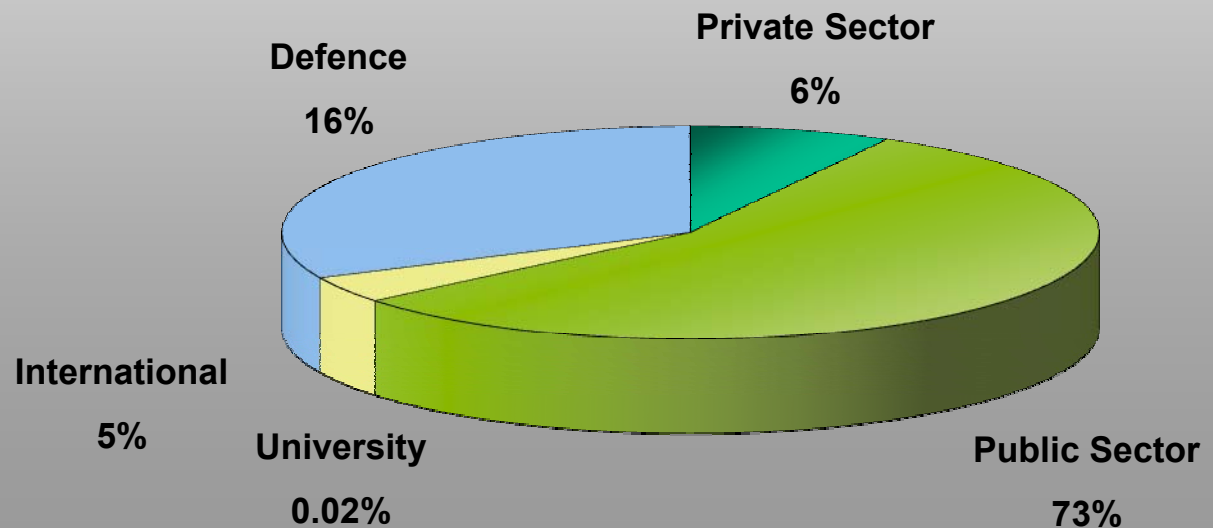


Self Sufficiency Ratio: Project Income / All Expenses
2009 Ratio: 51 Million USD / 81 Million USD = % 63

Sectoral Distribution of Projects (2009)



BUDGET
(175 Million \$)

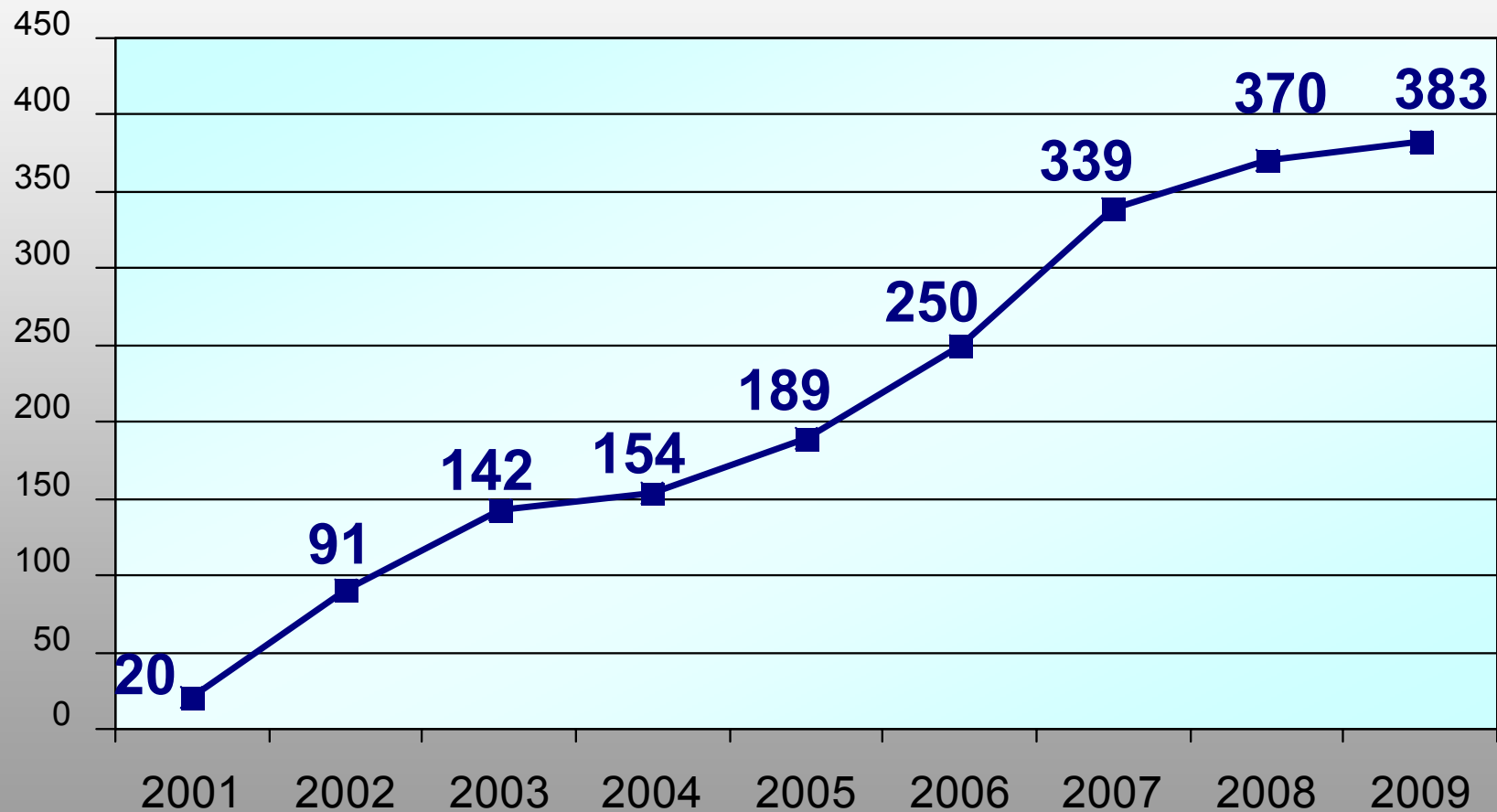


Certificates

- ✱ **National Facility Security Certificate**
- ✱ **NATO Facility Security Certificate**
- ✱ **Manufacturing Authorization Certificate**
- ✱ **ISO 9001-2008 The Certificate of Quality Management System for all the Institutes and the Departments of MRC**
- ✱ **ISO 14001-2004 The Certificate of Environment Management System for all the Institutes and the Departments of MRC**
- ✱ **ISO 17025 The Accreditation Certificate of Service Laboratories (EI,FI,MI,CEI)**
- ✱ **2003 National Quality of Achievement Award**

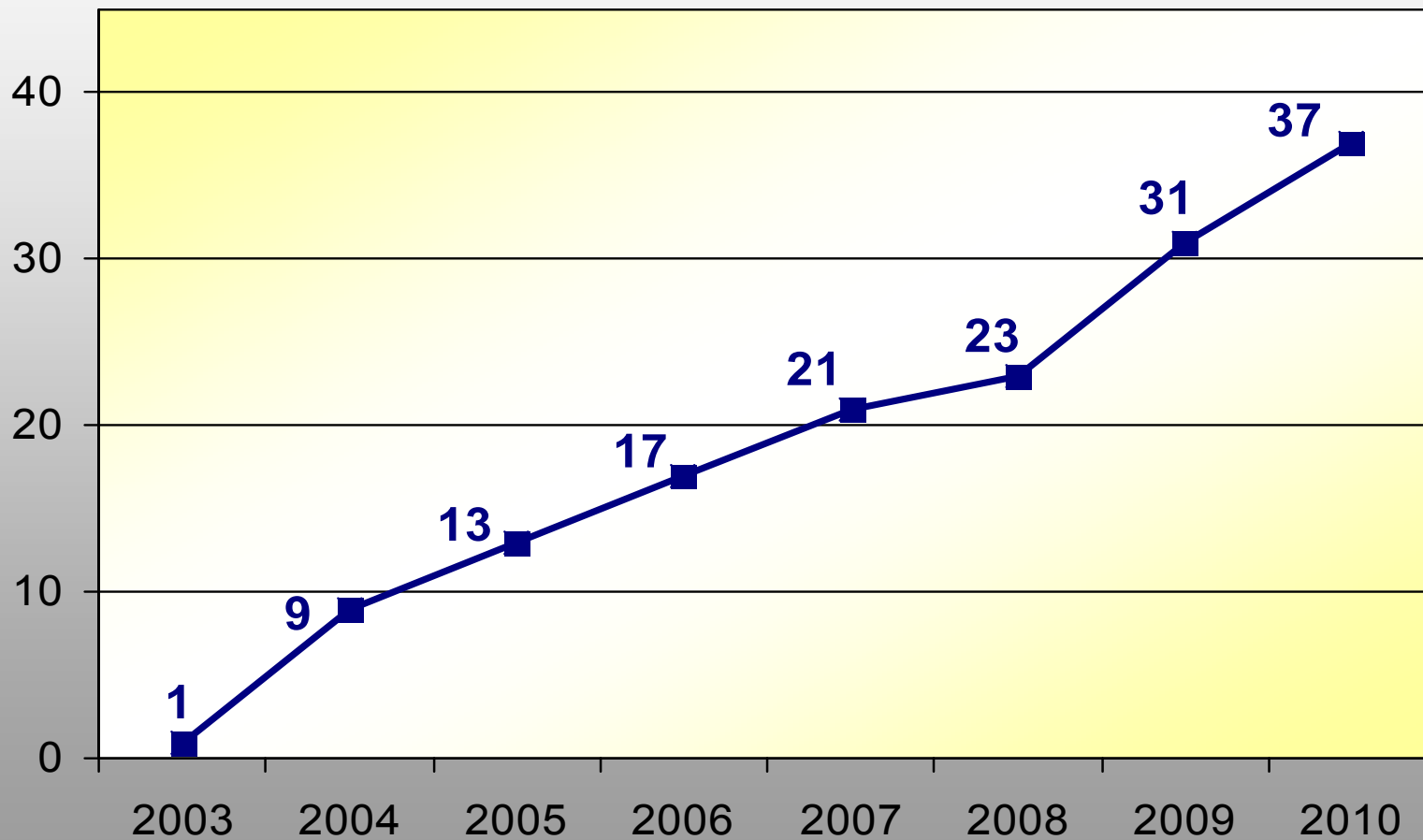
Accreditation

Number of Accredited Tests



EU FP6 – FP7 Projects

PROJECTS



EU FP6 – FP7 Projects

Energy Institute

- EU-DEEP (IP)
- NATURALHY (IP)
- HY-PROSTORE (SSA)
- BIGPOWER (SSA)
- MC-WAP (IP)
- NETBIOCOF (CA)
- CASES (CA)
- TERMISOL (STREP)
- TyGre (CP)
- MCFC-CONTEX (CP)
- EPHESTUS (CP)

Environment Institute

- ANVOC (SSA)
- SPICOSA (IP)
- PREPARED (CP)
- HEISST (CP)
- PROMITHEAS-4

Genetic Eng.& Biotechnology Inst.

- FAD (IP)
- BRIDGE

Food Institute

- Quality Low Input Food (IP)
- HEATOX (STREP)
- SAFEFOODERA (CA)
- FOODLINK (SSA)
- MYCOGLOBE
- EUROFIR (NoE)
- CASES (CA)
- FERBEV (CRAFT)
- SAFEFOODNET (SSA)
- MONIQA (NoE)
- SAFETechnoPACK (REGPOT)
- MYCRORED (CP)
- EAST-NMR (CP)
- API FRESH: Pollen Quality (CP)

Earth & Marine Sciences Institute

- FORESIGHT (STREP)
- SCHEMA (STREP)
- BlackSeaHazNet
- EPOS
- PRE-EARTHQUAKES

Ready To Market Technologies

- **Several oil formulation**
- **Foods enriched by vitamins & minerals**
- **Starter culture production for fermented products**
- **Wines and liquors**
- **Olive production for exportation**
- **Apricot halva and mush**
- **Ready to eat meal packages and bread packages**
- **Microwave nondestructive test prototype**
- **Cracked laser ray converter**
- **Undersurface tomography system prototype**
- **Alumina based plates**
- **Electronic and magnetic ceramics**
- **Formulation of ceramics**
- **Ceramic sponge casting filters**
- **Alumina based ceramic pots**
- **Porous ceramics**
- **Chemical gas absorbing cleaning & decontamination powder (T-1)**
- **Textile ceramic products**
- **Powder metallurgy products**

Industrial Partnersip Program (IPP)

Industrial Partnership Program

This program mainly aims to share

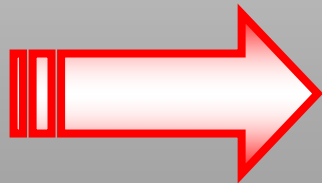
- **The knowledge of TÜBİTAK MRC accumulated within 38 years,**
- **Results of R&D studies,**
- **Very rich infrastructure**

with the Turkish Industry.

Industrial Partnership Program

Main goals of the program are;

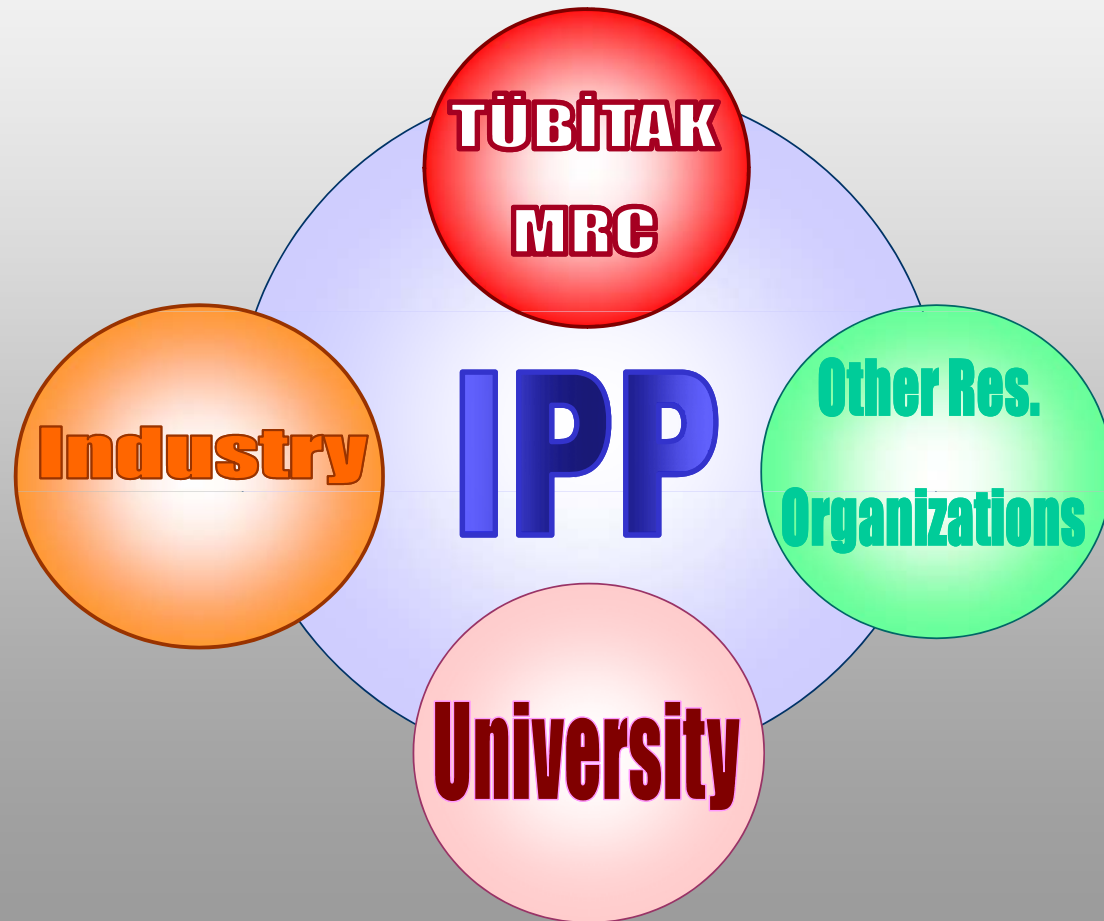
- **To search the technological needs of the Turkish Industry,**
- **To provide support to solve the problems of the industry,**



**Together with the Turkish Industry,
to make high quality, long life,
High value added ,
R&D studies.**

Industrial Partnership Program

The general structure of the program



Industrial Partnership Program

CRITERIA OF PARTICIPATING AND CONTINUATION

Category A Firms	Category B Firms	Category C Firms
<ul style="list-style-type: none"> - MARTEK A.Ş. Firms - Firms who work with MRC during 2 years and reach USD 50.000/year as projects and industrial services <p>Fee : None</p> <p>Continue: If the conditions defined upper are not ensured</p> <ul style="list-style-type: none"> • Category B Firms with a discount of %20 • Free member organization–Category C 	<p>They can benefit from all the advantages of the program</p> <p>Fee: Companies 5.000 TL+VAT Holding 5.000 TL+VAT Foundation 2.000 TL+VAT</p>	<p>Limited advantages for industrial services</p> <p>Fee: Companies 1.000 TL + VAT</p> <p>The holdings, corporations, foundations can not be participated in this category</p>

Industrial Partnership Program

ADVANTAGES AND DISCOUNTS

Category A Firms

The Free Services

- Computerized communication
- Systematic information transfer
- E-bulletin/Bulletin
- Access to project outcomes
- Free consultancy
- Possibility to benefit from the library at place (at MRC)

Discounts

- Project and Industrial Services : % 10-20
- Training : %15
- Publication Patent Search : % 30

Category B Firms

Category C Firms

The Free Services

- Computerized communication
- Systematic information transfer
- E-bulletin/Bulletin
- Free consultancy
- Possibility to benefit from the library at place (at MRC)

Discounts

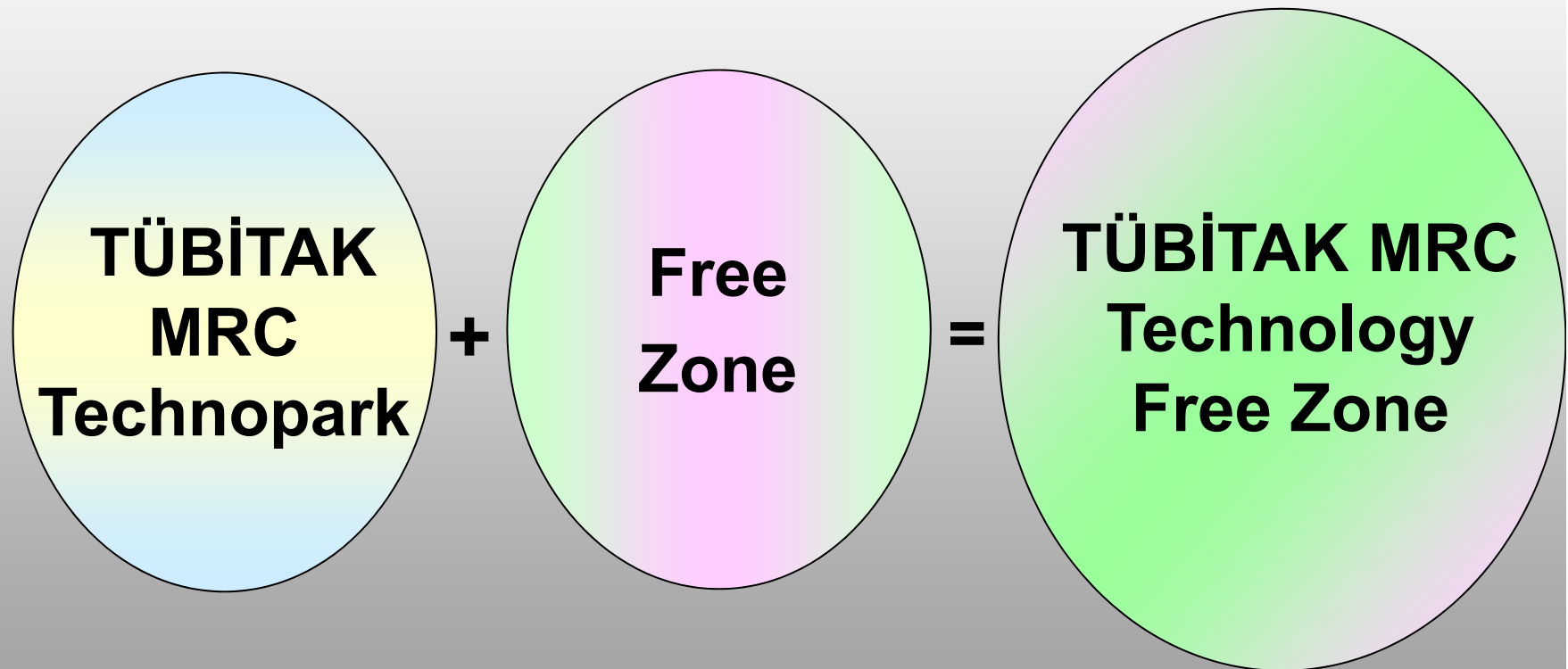
- Industrial Serv.: %10-20
- Training : %15



MARMARA TECHNOPARK

(*MARTEK*)

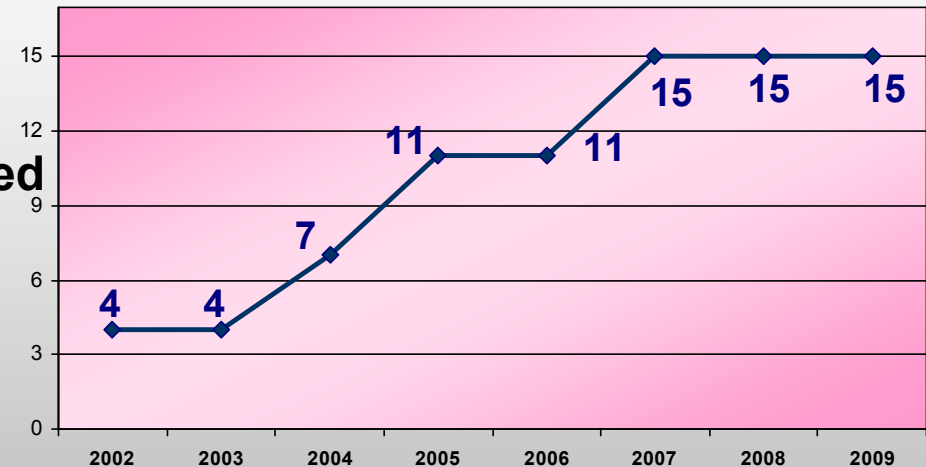
Technopark and Technology Free Zone



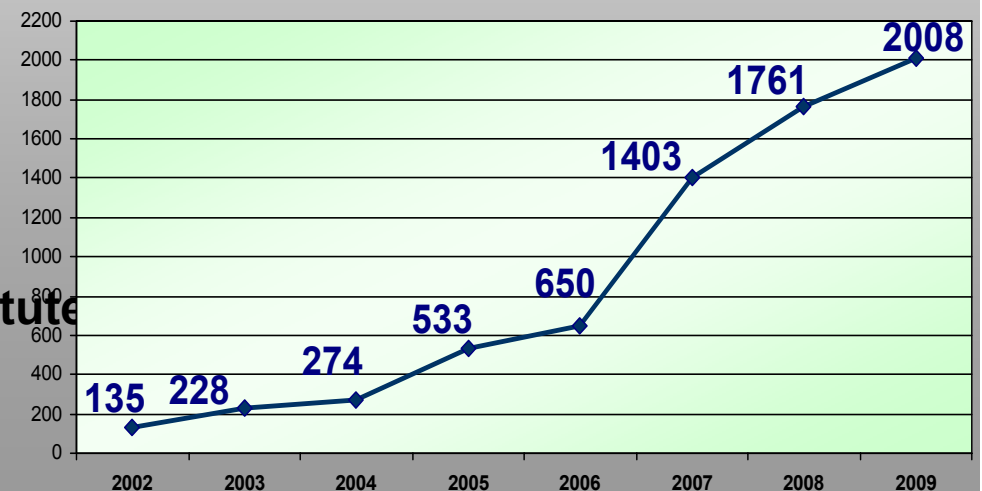
MARTEK

- High Quality and Cheapest Technopark
- 604.400 m² Total Area
- 14.884 m² Total Closed Area
- 77.000 m² T. Open Area to be Rented
- 60.540 m² Open Area Rented

Rented Area (m²)



Number of Personnel



- 126 ongoing R&D projects
- 73 R&D Companies
- Nearly 9 Projects carried on in collaboration with TÜBİTAK Institute

Thank You

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