



# **CNR's Evaluation of Research Programmes**

**Giovanni De Simone**  
*Deputy*  
*Operative Programming Office*

ESF workshop: "Evaluation of Funding Schemes and Research Programmes"

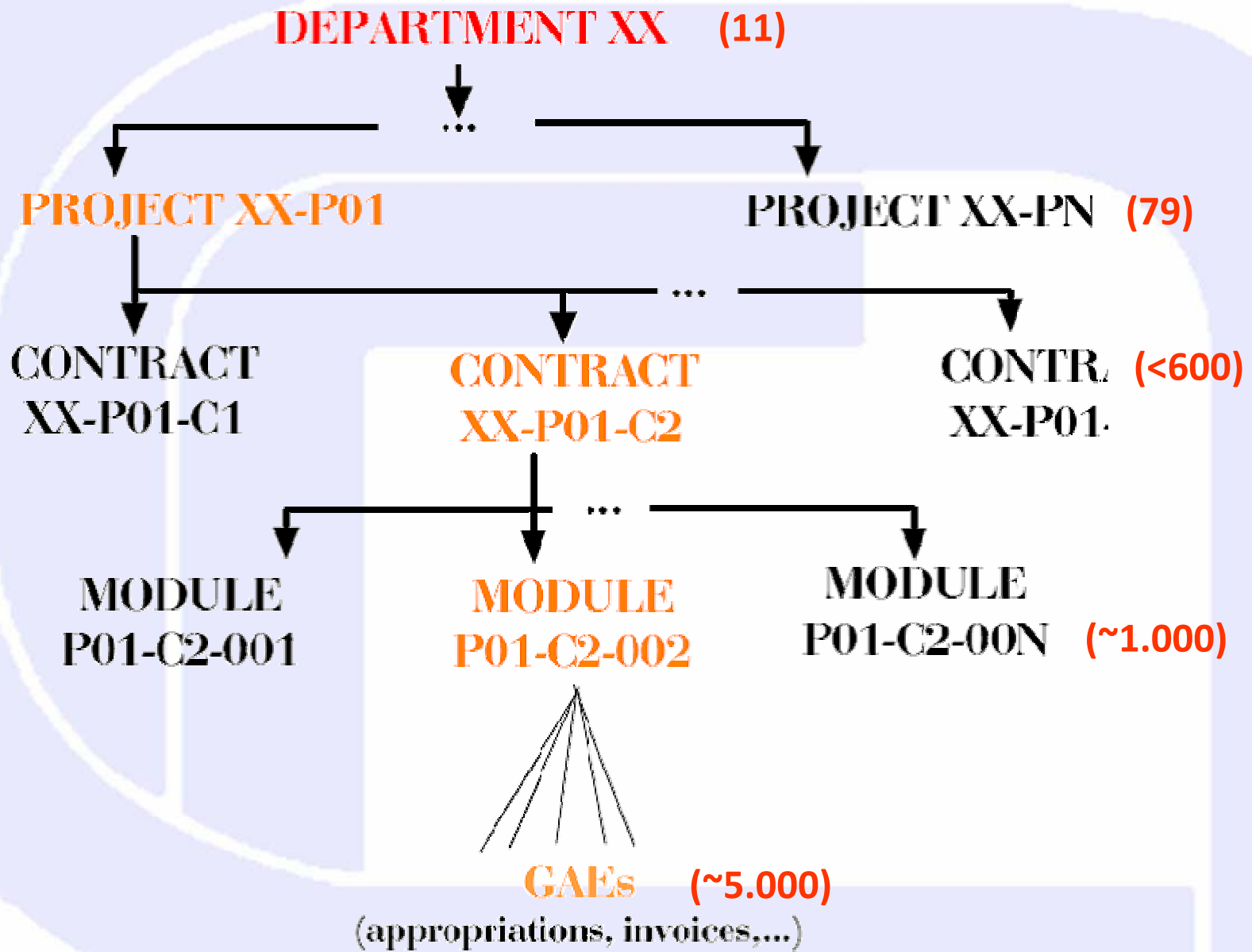
DFG Berlin Office

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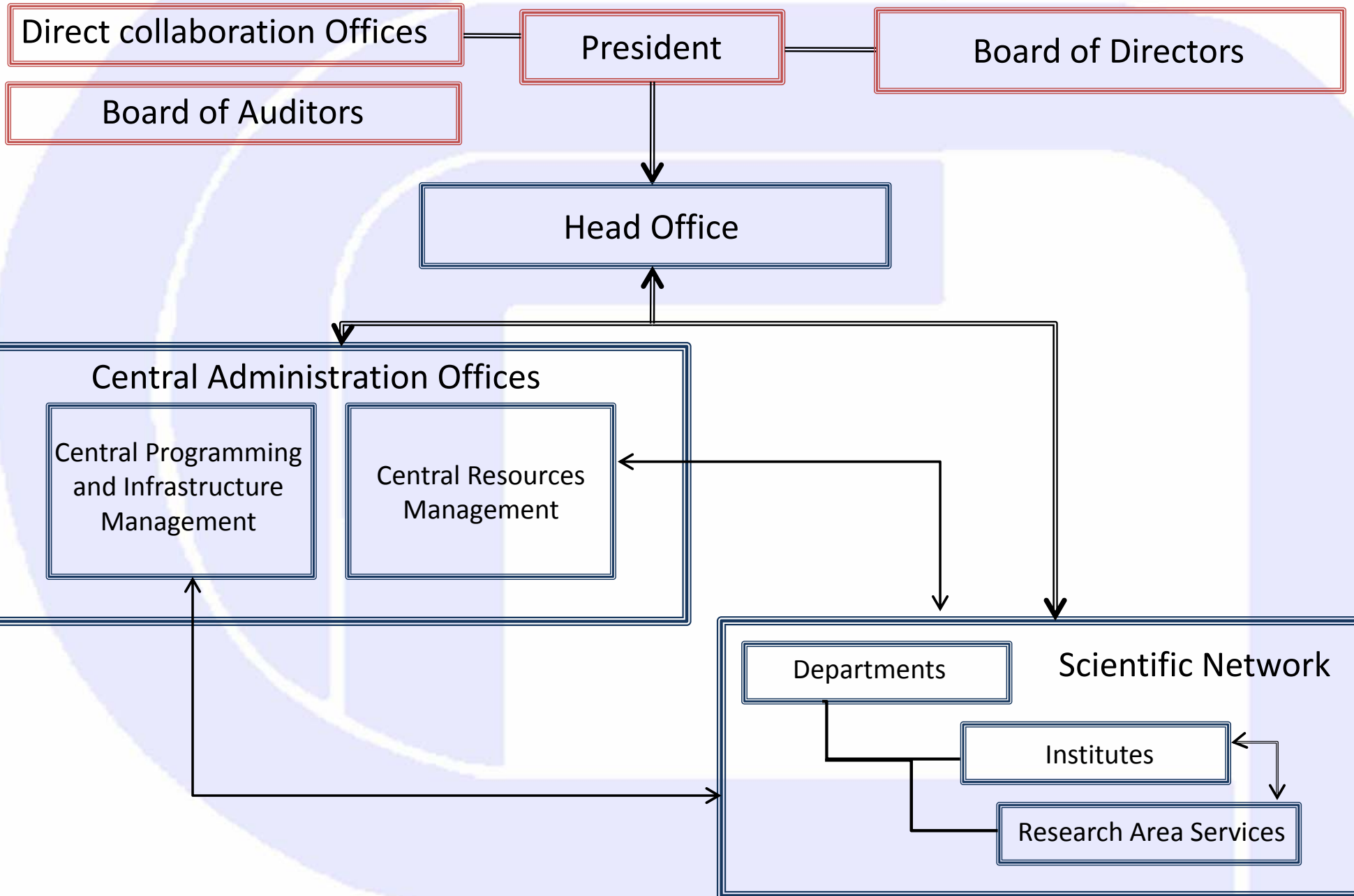
# Introduction: CNR structure of research activity

- **11 scientific departments (SD)**
- **79 research projects (2007)**
- each project has about 10 **contracts**
- each contract consists of at least one **module**
- one module is performed by one and only one institute
- every module is broken down in GAEs, groups of elemental actions  
elemental actions are individual items of expenditure (an invoice, an appropriation of funds);
- projects, contracts and institutes are supervised by their own **chief**;
- data is managed by CNR accounting system **SIGLA**
- **108 institutes**, located in about 300 different sites around the country;
- many institutes, but not all, are sited in **research parks (RP)**, throughout the country, managed by central administration;

# Introduction: CNR structure of scientific network



# Introduction: CNR's organization



# Introduction: DCSPI organization

## Central Programming and Infrastructure Management (DCSPI)

### OFFICES

- Operative Programming
- Research and agency units
- Cofunded training projects
- Telecommunication and networks
- Information systems
- Industry and services partnerships
- Cofunded scientific projects
- Research and agency
- New enterprise partnerships and combines
- Scientific publications
- Central Library
- Safety
- Public relations

# Introduction: Operative Programming Office competences

## Operative Programming Office

### Competences

- **Definition, in agreement with DCSPI Director, of**
  - reports, schedules and data format standards
  - Budgeting and scientific plans
- **Research Network support for the accomplishment of**
  - Budgeting process
  - Activities progress reports
  - Annual scientific results and autoevaluation reports
- **Research Area Services management and coordination**
  - Official and strategic reports processing (planning and outputs)
  - Supervising and evaluation of performances, value and results of the Scientific Network activities
- **Top management level support for**
  - Curiosity driven research
  - Research grants management
- **Management of CNR's participation in EU Projects (budgeting process and supervision)**
- **CNR's large scale facilities management**

# Evaluation in CNR

## Evaluation levels

- **External Evaluation (CIVR)**
  - National evaluation committee
  - Three years of activities are evaluated
- **Strategic and management evaluation of CNR's structures**
  - Performed by Board of Directors
  - Both research activities and management are evaluated
  - Institutes and Departments contribute with RD and RI
- **Institutes and Departments autoevaluation** ➤ Annual report
- **Researchers' evaluation** ➤ Annual report on their activity

# The new Evaluation system in CNR

## The new approach for evaluation

- **Main aims**

- International Appeal of Research Programmes
- Achievement of the mission in accordance to assets
- Scientific results quality
- Key tool in the reorganization process

- **Main criterias**

- Combined strategies of Compliance and Benchmark
- International standards use
- General worthiness ( external impact on production and social system )



# The new Evaluation system in CNR

## The new approach for Evaluation- Who

- **General Panel**
  - 16 expert selected on different subjects
  - Supervision the whole evaluation process
  - Designation of the Area Panel's experts
  - Summary and report of the Area Panel's evaluation
  
- **Area Panel**
  - Analyse documents and papers produced in the last 5 years
  - On site visit
  - Produce an annual final report on the evaluated activity

# The new Evaluation system in CNR

## The new approach for Evaluation- How

### Markers and criterias

- **Intellectual asset**
- **Relationship asset**
- **Structural asset**
- **Economic asset**
- **Production asset**
- **Innovation value of research programmes**

# RSTL – Curiosity Driven Research Programmes

## Origin

- RSTL are the CNR Curiosity Driven Research Programmes
- RSTL are submitted by single Researchers
- Evaluation Panels composed by full and associate professors evaluate the projects
- Dedicated on line process for their direct evaluation

# RSTL – Curiosity Driven Research Programmes

## Projects Evaluation Criteria

- **Scientific quality of the proposal**
- **Technological value of the proposal**
- **Aimed results**
- **Consistency between scientific cv and submitted program**
- **Promotion and development potential**
- **Economic feasibility of the proposal**

# RSTL – Curiosity Driven Research Programmes

- **In 2006 CNR evaluated more than 1000 proposal submitted by CNR Researchers**
- **Operative Programming Office produced a complete ranking of the accepted proposals**
- **In the upcoming term CNR wish to achieve a full standard for the evaluation procedure**