

# HYENA NETWORK mini-conference/workshop



## PRESENTATION OF NICTEAM



Núcleo de Investigação da Construção,  
Tecnologias de Energia, Água e Manutenção

**HENRIQUE EVORA: General Coordinator**

## Nucleus for Research, Development and Innovation



.... to contribute, through studies, research and extension activities, to design, disseminate and implement programs, projects and policy measures that aim at national development in a harmonious and sustainable way

the nucleus **is based** in the Faculty of Engineering and Marines Sciences , in Mindelo (FECM)  
- Ribeira de Juliao, S. Vicente

The activities of NICTEAM are multidisciplinary. integrate basic and applied research with technological development, with a focus on the following objectives:

- security of water and energy supply
- quality of the environment
- bio-sustainable construction
- management of energy resources and economic development

- To Improve knowledge in advanced areas of strategic technologies for islands and remote regions, focusing on energy efficiency and renewable energy such as wind, solar, ocean, geothermal and biofuels, which have the potential to optimize the environment and use energy efficiency in industry
- Develop and make use of advanced techniques of analysis, monitoring and control of processes in the laboratory, and in industrial scale, in this case the evaluation of technologies and risks

- Develop technological and scientific policies and innovation strategies, in particular in terms of environmental protection, rational use of energy / materials and economic growth
- To develop research in the areas of its (NICTEAM) activity;

- Promote scientific exchange with higher education institutions and other research units;
- Promote studies and formulate policy proposals that contribute to the development and integrated implementation of Construction, Energy, Water and Maintenance Technologies in Cape Verde;
- Collect statistics on the production, supply and consumption of energy and water in a database so that they can be used continuously for the planning and evaluation of national development policies;

## Specific objectives of NICTEAM

- To carry out research, information and training activities in order to support the policies of continuous training, of specialists in Construction, Energy, Water and Maintenance Technologies;
- To develop national competencies for the design, planning, application, management, follow-up and evaluation of public policies of Construction, Energy, Water and Maintenance Technologies;
- Improve knowledge levels related to Construction, Energy and Water in Cape Verde;



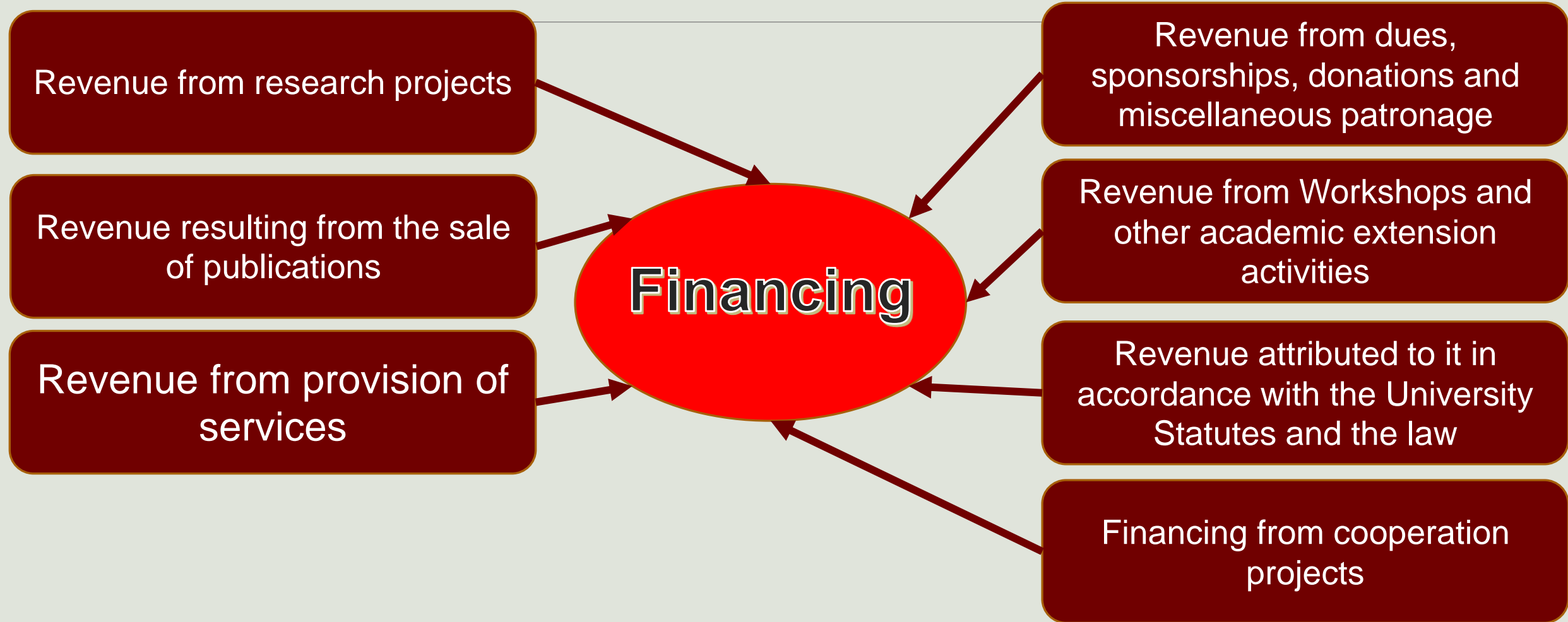
- Promote exchanges between national and international researchers in the areas of Construction, Energy, Water and Maintenance Technologies;
- Promote and strengthen links with other national and international centers, associations and institutions that promote scientific and technological research and development policies or activities related to Construction, Energy, Water and Maintenance Technologies;

## other competences of the NIC TEAM

- With the approval of the Rector, NICTEAM may establish partnership protocols with other higher education institutions or research units, national or international, to achieve its objectives.
- NICTEAM can do community service
- NICTEAM can provide services to the public or private entities.

- From UNICV: All professors and all students engineering, whose research work is inscribed in the objectives of the Nucleus and consists of projects submitted and approved by the Nucleus;
- Invited researchers and associates involved in projects submitted and approved by the Nucleus;
- may also be members of NICTEAM, all individuals who, by voluntary act, require their admission and, once it is approved, comply with the provisions of this regulation and other applicable.
- The admission of other researchers, not mentioned in the previous numbers, as members of the Nucleus, is approved by the Rector, on proposal of the Coordinating Council of the Nucleus

# Financial means for the NICTEAM are from:



- Exchange of scientific, technical and pedagogical information
- Exchange of teaching and research staff
- Promotion of seminars and conferences
- Joint application and collaboration in international research programs
- Support HYENA Network for dissemination and socialization of technologies for development, particularly, Accessible and Clean Energy, and popularize the use of hydrogen

- **PROFESSOR HENRIQUE EVORA: General Coordinator**  
Master in Power Systems (Electrical Engineering)  
Assistant professor at University of Cabo Verde (Faculty of Engineering and Sciences of the Sea - FECM).  
Experience as a professor in Power Systems and Renewable Energies.
- **PROFESSOR JOSÉ NEVES: Assistant Coordinator**  
Degree in Electrical and Computer Engineering  
Master in Electrical Engineering  
Professor at the Faculty of Engineering and Marine Sciences of the Uni-CV
- **PROFESSOR RUI PAISANA: Assistant Coordinator**  
Engineer, Professor at the Faculty of Engineering and Marine Sciences of the Uni-CV  
Experience as a professor in Power Systems

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# Thanks