



FORTH

FOUNDATION FOR RESEARCH AND TECHNOLOGY - HELLAS



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FORTH directives

A public Research Center which forms an environment for promoting Knowledge and Innovation

➤ **Targeted Scientific Research**

- ✓ Selected strategic areas of high added value

➤ **Training and Education**

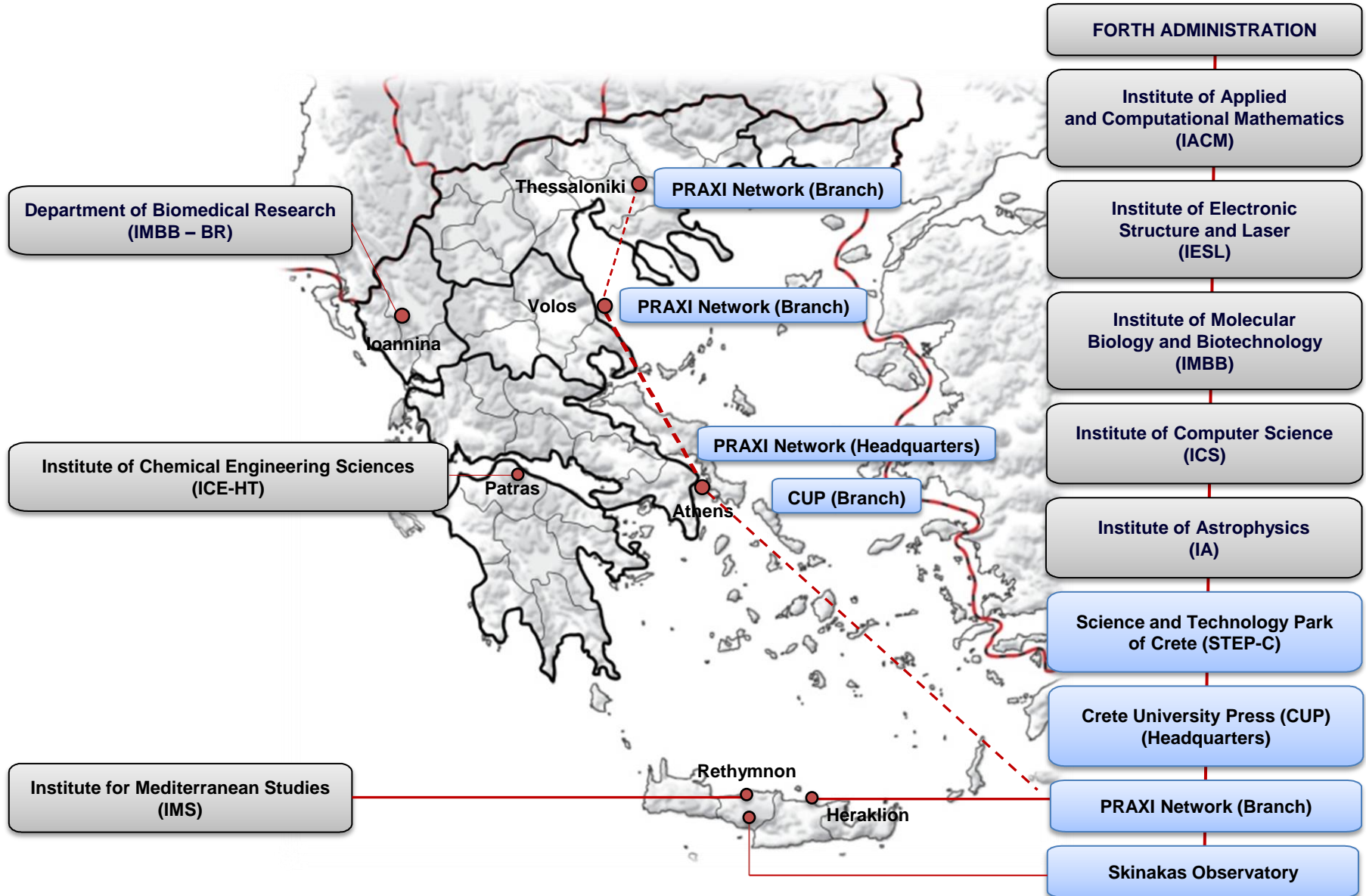
- ✓ Highly skilled human capital
- ✓ Close links with Universities

➤ **Exploitation of scientific outcome**

- ✓ Knowledge and Innovation as drivers for economic development

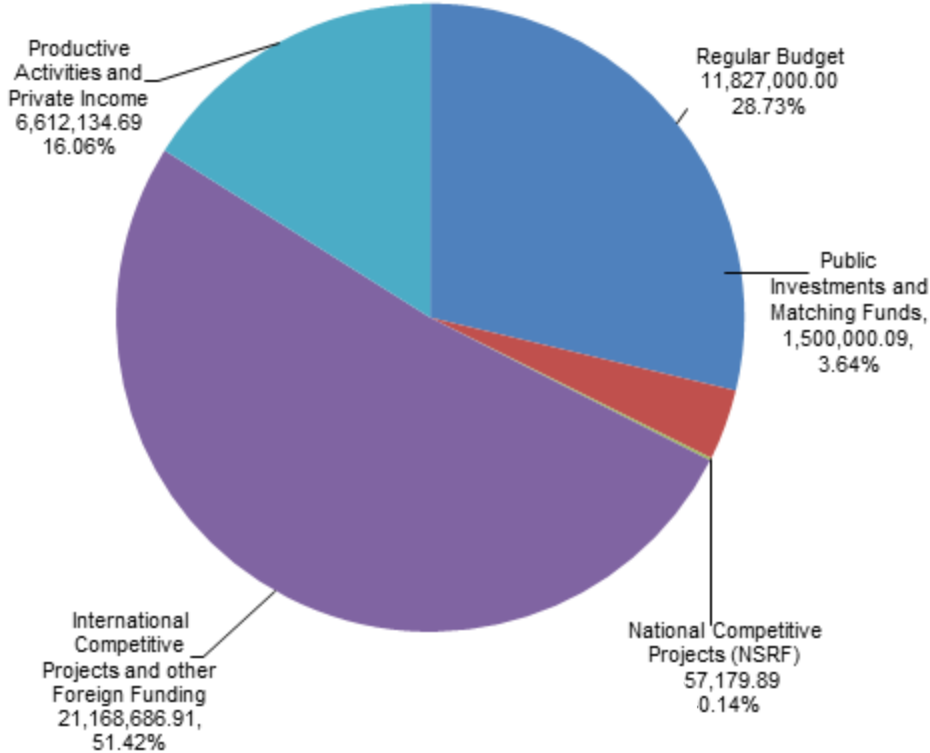
➤ **Emphasis on Excellence**

FORTH throughout Greece

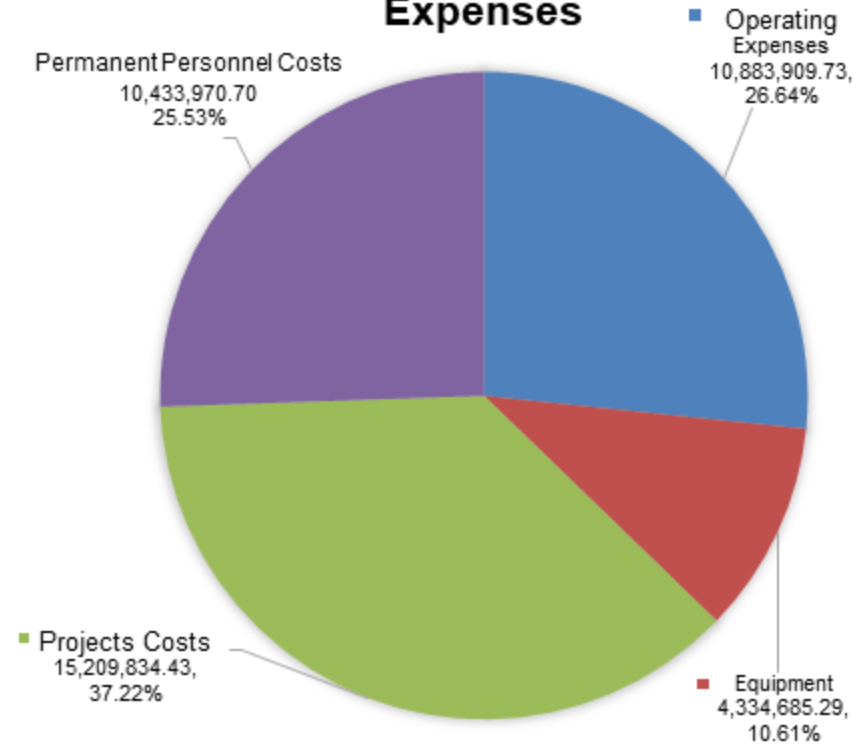


Financial Data 2017

Income



Expenses



Total Income: **41.050.641,80 €**

Total Expenses: : **40.862.400,15 €**

FORTH Open Access Strategy

- FORTH supports the principle of open access to the published output of research, as well as data and data related products such as computer codes, *as a fundamental part of its mission*
- FORTH considers that free online access *can be the most effective* way of ensuring that the fruits of research can be accessed, read and used as the basis for further research

The ERC principles

Open Access to publications under Horizon 2020

- FORTH rules are closely aligned to the Horizon 2020 Model Grant Agreement
- Applied to all peer-reviewed publications related to results from the project, including monographs, book chapters etc.
- Immediate deposit, open access within 6 months (12 months for publications in social sciences & humanities)
- Underlying data should be deposited at the same time
- Open license (e.g. CC-BY) encouraged (not mandatory)
- Use of disciplinary repositories recommended, where available

Activities and methods

➤ Activity areas

- Monitoring of ongoing developments within Europe and beyond
- Closely interacting with *OpenAIRE*, both as a network of dedicated Open Science experts and as a technical infrastructure harvesting research output from connected data providers
- Investigating the effects and impact of the Open Access strategy and options for future development

➤ Working methods

- Promoting and providing training on Open Science through dissemination activities
- Organisation of specific events
- Contributions to external events and initiatives

Main challenges

- Data sharing is not yet a part of the research culture in all disciplines – awareness raising and skill development are needed
 - ✓ Diversity of publication cultures and needs for support in different communities – no one-size-fits-all
 - ✓ Ongoing communication with FORTH Researchers and affiliated Professors
- Incentives and rewards are not clear – is there enough support by the host institution?
- Limited availability and sustainability of reliable and relevant infrastructure, e.g. discipline specific / recommended open access repositories
 - ✓ Europe PMC, arXiv, OAPEN, etc.
- Issues with regard to privacy, security, copyrighted material need to be resolved
- Potentially significant costs, also after the end of the project

From Open Access to Open Science

Many new developments related to Open Science more generally:

- The role of preprints (ASAPbio, SocArXiv, Humanities Commons, ...)
- Alternative business models for publishing (Open Library of the Humanities, arXiv overlay journals, Knowledge Unlatched, ...)
- Open peer review, post-publication peer review (F1000, Welcome Open Research, ...)
- Incentives and rewards for 'open' behaviour

FORTH is closely following the developments and may decide to take a more active role in the future

Concluding remarks

Successful implementation of open research data policy:

- Requires awareness of differences between domains and disciplines on part of funders and policy makers
- Needs to further raise awareness of the value of open research data among specific scientific communities
- Depends on availability of trained data scientists and on adequate reward systems
- Requires more transparency with regard to costs and funding
- Needs to face the elephant in the room: the costs and the role of commercial parties

Thank you !



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