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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**
Financial Data 2017

**Income**

- Productive Activities and Private Income: €6,612,134.69, 16.06%
- Regular Budget: €11,827,000.00, 28.73%
- Public Investments and Matching Funds: €1,500,000.09, 3.64%
- International Competitive Projects and other Foreign Funding: €21,168,686.91, 51.42%
- National Competitive Projects (NSRF): €57,179.89, 0.14%

**Expenses**

- Permanent Personnel Costs: €10,433,970.70, 25.63%
- Operating Expenses: €10,883,909.73, 26.64%
- Projects Costs: €15,209,834.43, 37.22%
- Equipment: €4,334,685.29, 10.81%

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
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
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!