



e-FISCAL

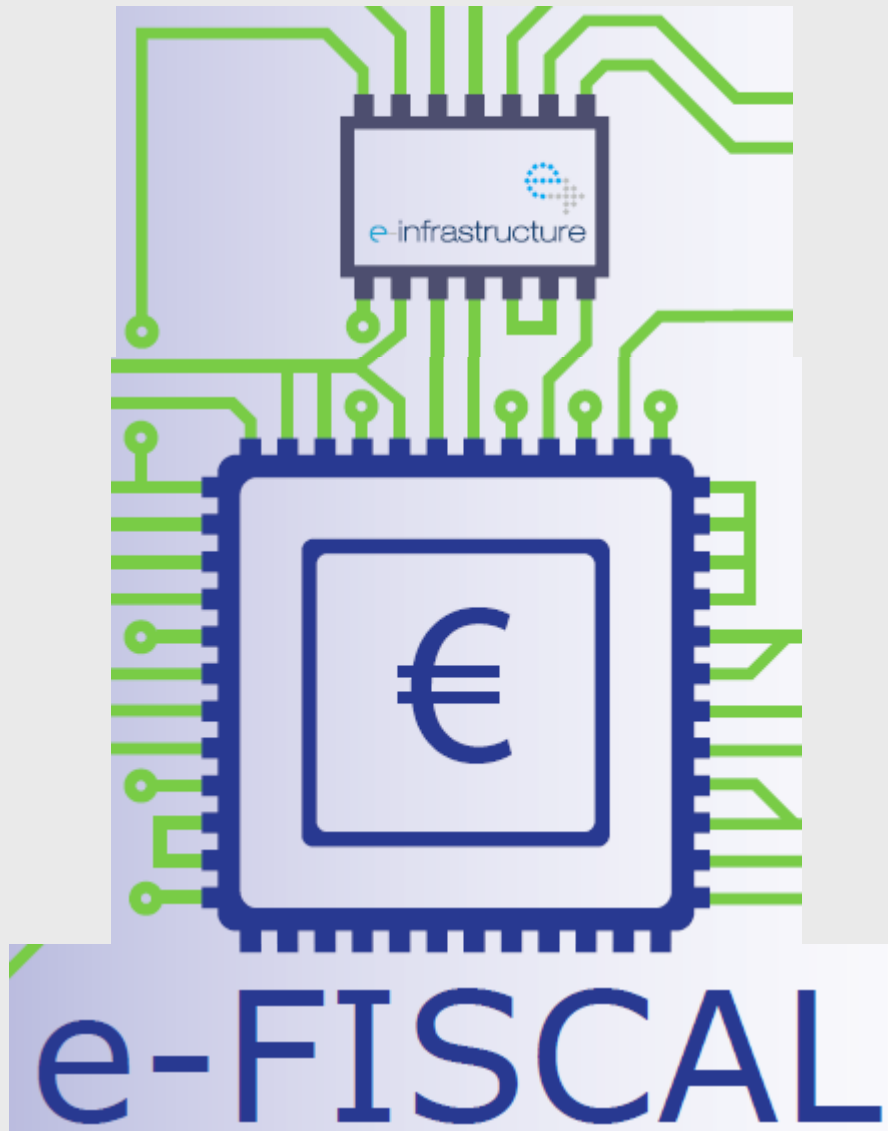
e-FISCAL workshop
21 September 2011



19-23 September 2011 *Lyon Conference Centre*

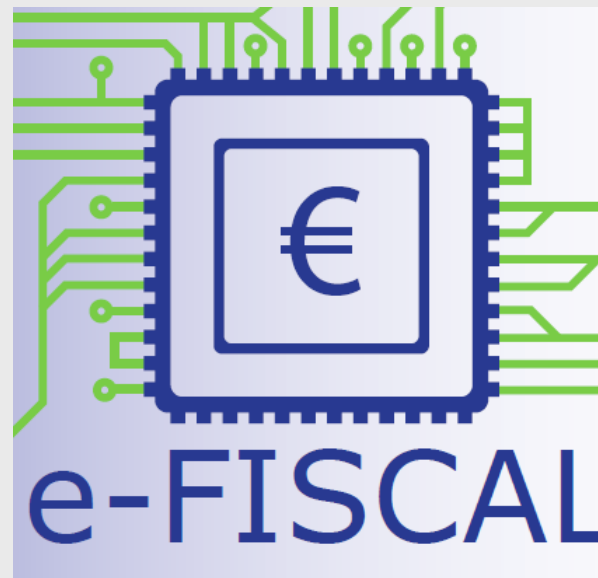
Introduction to the e-FISCAL project
Fotis Karagiannis, AUEB-RC

It's all about...



Project Title

- Financial Study for Sustainable Computing e-Infrastructures



With a glimpse..



- **Project acronym:** e-FISCAL
- **Contract n°:** RI-283449
- **Project type:** CSA-SA
- **Start date:** 01/08/2011
- **Duration:** 18 months (end 31/1/2013)
- **Total budget:** 392.523 €
- **Funding from the EC:** 349 999 €
- **Total funded effort in PMs:** 33.75
- **Web site:** www.efiscal.eu

Consortium



ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS

ΟΙΚΟΝΟΜΙΚΟ ΠΑΝΕΠΙΣΤΗΜΙΟ ΑΘΗΝΩΝ

AUEB-RC



European Grid Infrastructure

Towards a sustainable grid infrastructure

EGI.eu



NUIG*
(ICHEC)

ETL

EMERGENCE TECH LTD.

ETL

* National University of Ireland, Galway / Irish Centre for High End Computing (ICHEC)



Workshop objectives

- Introduce the project
- Present the methodology
- Stimulate discussions and feedback on
 - Who and how to approach
 - e-FISCAL draft questionnaire

Agenda overview

- **Project overview** and workshop objectives – Fotis (15')
- Setting the scene for e-Infrastructures Cost Analysis / **e-FISCAL methodology** – Sandra (15')
- Presenting the **Draft Questionnaire** (15')
- Open discussion supported by a panel (45')

Panel

- Per Öster,
 - EGI Council and EGI.eu board chair - Director, Research Environments at CSC
- Maurice Bouwhuis,
 - Relations and Innovation Manager at SARA



Background

- Project builds on the idea of e-IRGSP2 project financial exercise
 - Dealt with HTC/Grids only, small number of NGIs involved, rough comparisons
- e-IRGSP2 financial exercise proved the challenges involved
- Expand into a proper in-depth study
 - Big sample of participants, expand to HPC, do proper comparisons with Clouds

Main objectives

- **Analyse** the costs of the current European dedicated HTC and HPC computing e-Infrastructures for research
- **Compare** them with the closest equivalent commercial leased or on-demand offerings
- **Evaluate** the findings through a report

Sub-objectives

- **Objective 1 - Calculate** the dedicated HTC and HPC e-Infrastructure costs of European NGIs and national (or pan-European) HPC centres accordingly
- **Objective 2 - Approximate** and then **evaluate** the overall cost of the European Grid Infrastructure as well as the European HPC infrastructure
- **Objective 3 - Compare** these results (where possible and relevant) with commercial leased and on-demand offerings and propose schemes for pricing policies and sustainable business models
- **Objective 4 - Disseminate** the results to the wider European e-Infrastructure community

Overall approach

- 2-phase approach
 - 1st phase: Condensed questionnaire with basic info
 - 2nd phase: More in-depth discussions through interviews to cross-check data and get more detailed info!
- Questionnaire to be finalised in October
- Interested in getting feedback from both:
 - NGI/PRACE country coordinators!
 - HPC/HTC site managers!
- Assist the sustainability discussions

Work Packages

WP no	WP title	Type
WP1	Project management	MGMT
WP2	Computing e-Infrastructure cost calculation	SUPP
WP3	Dissemination and Outreach	SUPP

Some of the deliverables..

No	Title	Lead	Nature	Diss.	Date
D2.1	e-FISCAL questionnaire	AUEB	Report	PU	M4
D2.2	Preliminary findings from national costs calculations	AUEB	Report	PU	M10
D2.3	Computing e-Infrastructure cost estimation and analysis – Pricing and Business models	AUEB	Report	PU	M18
D3.1	Web site available	ETL	Other	PU	M2
D3.2	Dissemination and liaison plan	ETL	Report	PU	M4

Milestones

No	Name	WP	Lead	Date
MS1	First workshop held	WP3	EGI.eu	M2
MS2	Draft survey	WP2	AUEB	M2
MS3	Preliminary findings from national costs calculations	WP2	AUEB	M10
MS4	First year review	WP1	AUEB	M13
MS5	Final project workshop	WP3	AUEB	M14
MS6	Analysis of results – Pricing and business model report	WP2	ETL	M18

Overall timeplan

Work Packages / Tasks		Year 1												Year 2					
		M 1	M 2	M 3	M 4	M 5	M 6	M 7	M 8	M 9	M 10	M 11	M 12	M 13	M 14	M 15	M 16	M 17	M 18
WP1	Project Management																		
T1.1	Project Coordination and Financial Administration													◆					
WP2	Computing e-Infrastructure cost calculation																		
T2.1	Review state-of-art and survey consolidation		◆																
T2.2	Computing e-Infrastructure calculation at national and European level									◆									
T2.3	Comparison with commercial offerings and business models																		◆
WP3	Dissemination and Outreach																		
T3.1	Project dissemination		◆												◆				
T3.2	Collaboration with other projects																		

Thanks!

- All material available in <http://go.egi.eu/efiscal-workshop-2011>
- Please fill in the participants form!
- Looking forward collaborating with you!

fkara at aueb gr

