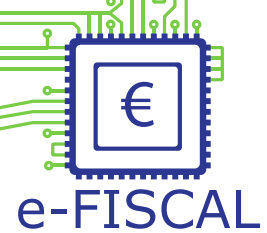


e-Infrastructure for research and science:
owned, leased or hybrid approaches?

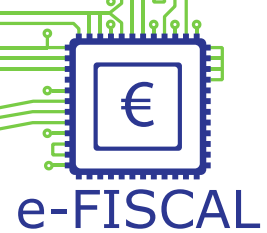
Views from Research and Industry Panel introduction

Matti Heikkurinen
matti@emergence-tech.com
Emergence Tech Ltd



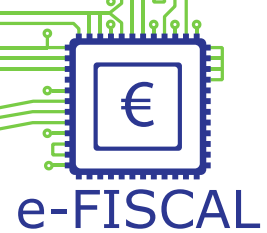
Historical costing challenge

- Wheat and the chessboard story
 - IPR valuation related to the chess game
 - Relevant parts of the EULA text
 - “One grain on the first square, two on the second one, four on the third one,..”
 - “i.e. double the number of grains in the previous square”
- After clicking “OK” and asking the accountants:
 - “Total: 18,446,744,073,709,551,615”
 - Pile of wheat slightly larger than Mt. Everest
- Humans not wired to deal with very small or large numbers
 - Seen in credit card terms, mobile data roaming fees, climate change...



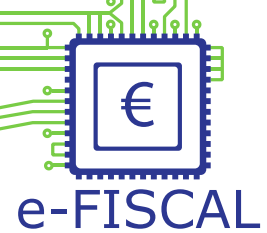
Today's grain of wheat

- Yours for 0.04€/hour
 - Some assembly needed
 - Batteries not included...
- Need data, knowledge and tools to evaluate
 - When this might be a good deal and for whom
 - Answer during a 5 minute telephone call?
- Need communication and marketing
 - Not to ignore “second half of the chessboard”
 - Eventually to promote better unit (€/core week?)



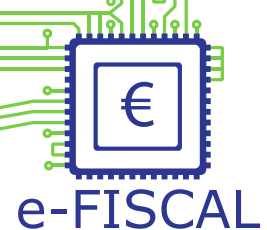
Topics of interest

- Capture reality
 - Numbers: need more accurate and solid *looking* ones
 - Faster, with less effort
- Communicate reality
 - Use the numbers more efficiently
 - Make issues concrete, actionable on policy level
- Improve reality
 - Cost savings, efficiency gains, green issues
 - Sustainability



The starting points (1)

- “Modest proposal”
 - Slightly (or not so slightly) exaggerated statement
 - That can be defended (debate society style)
- Brainstorming-like approach
 - Stimulate discussion
- Marketing or illustrative use
 - “if it was so simple, we would...”



Starting points 2

- “Low hanging fruits”
 - Ideal first steps (short-term return)
 - Ones that seems to have been ignored
- Exchange of best practice information
 - Build a body of knowledge
- Ideal material for workshop report
 - Ideally actionable (near) consensus

Panelists

- John Barr, 451 Research (451 Group)
- Annaïg Leguen, PRACE
- Per Oster, EGI.eu
- Dana Petcu, e-IRG
- Rosette Vandenbroucke, VUB
- Fotis Karayannis, AUEB-RC