

# e-IRG workshop

We create Europe's Leadership in  
Grids and e-Science here

European Leadership in Grids and e-Science  
The Hague, 18-26 november 2004



Patrick Aerts  
Netherlands National Computing facilities

# The Hague

- Nice city at the very coast of Holland
- Beautiful façade architectures of late 19<sup>th</sup> and early 20<sup>th</sup> century housing
- De Witte:
  - next to the parliament buildings, where old and very new stand side by side
  - The central shopping center is across the street
- De Hague: modern in e-government and local IT-infrastructure

# The Netherlands

- Beautiful, of course, and tulips and cows, but:
- With a very high quality infrastructure
  - Fast, very robust research network (SURFnet)
  - Well dimensioned computer infrastructure
  - High standard institutes (CWI, NIKHEF, NLR, WL, MARIN, TNO), >12 universities
  - Apparently attractive for investment (CISCO-> Amsterdam, Google -> Groningen)

# The Netherlands

- Moreover: government support
  - LOFAR
  - VL-e
  - SURFnet/Gigaport NG
- On there way:
  - New investments in supercomputers, large clusters, visualisation, grid-support, ...

# e-IRG

- Initiated, due to the right chemistry during the Greek presidency
- Grown during the important Italian presidency
- Rooted and enriched by the Irish
- Left at the mercy of the Dutch

# Fortunately:

- Tremendous practical support from many
- Many technical experts, many players in the field (the grid projects), computing centers, funding organisations
- Support from the Dutch government:
  - e-IRG activities are part of the European Leadership... series of events, officially adopted by the Dutch government as part of the presidency activities

# e-IRG role

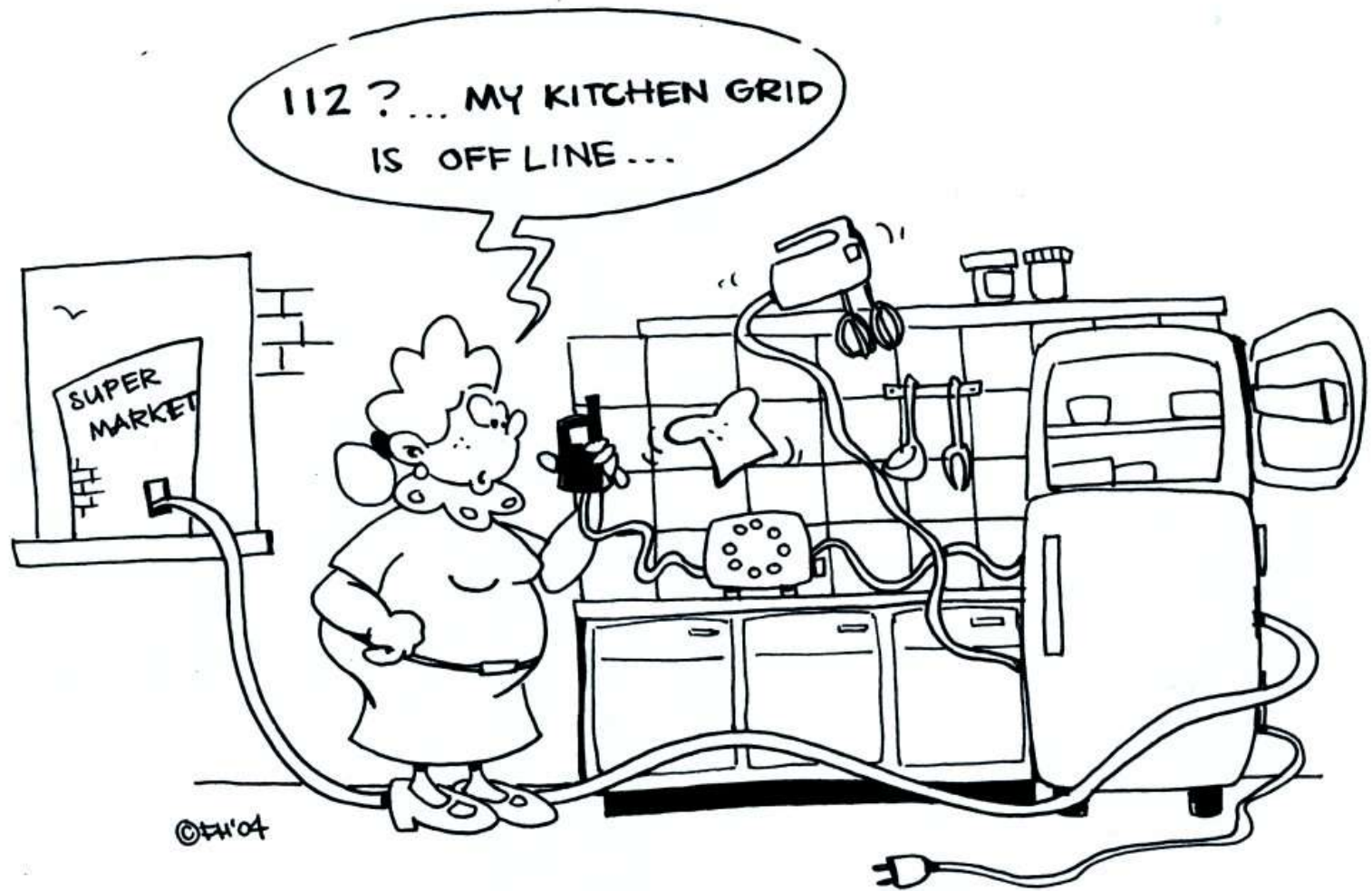
- Not in one word, but:
  - To grow the grid, four issues must be dealt with:
    - Basic research, Computer Scientists
    - Technology development (labs+industry)
    - Users that want to be serviced
    - Organisational, administrative, standardisation matters, future projections, adaptation (culture, political) issues, cross fertilisation, best practices detection
- Orange is the e-IRG's playfield as an advisory entity

# Grids

- Will impact daily life



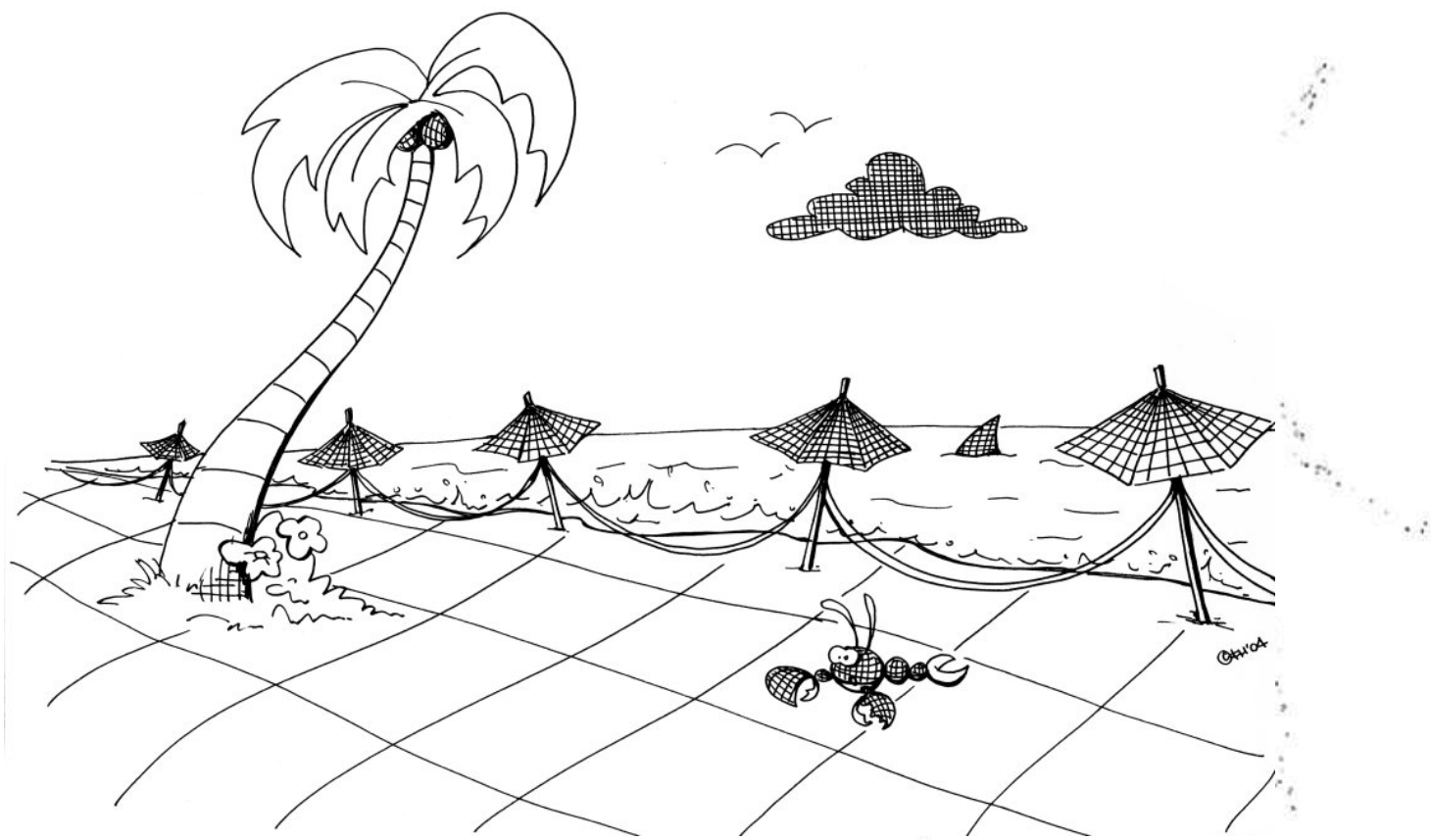




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# Grids

- Will make science easier





SCIENCE SIMPLICITY

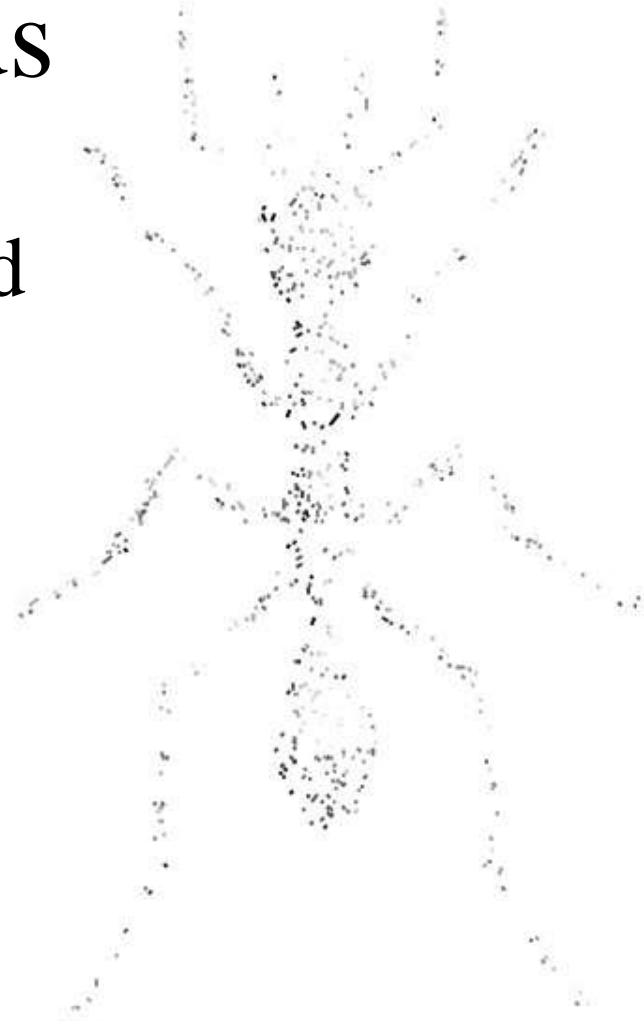
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# Grids

- Will make a safer world



LIFE A LOT SAFER



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# Grids

- Will have direct commercial value

