

Firing up the ICT Industry

David Kennedy
Director
Eurescom GmbH.

All I



► The
ar
→



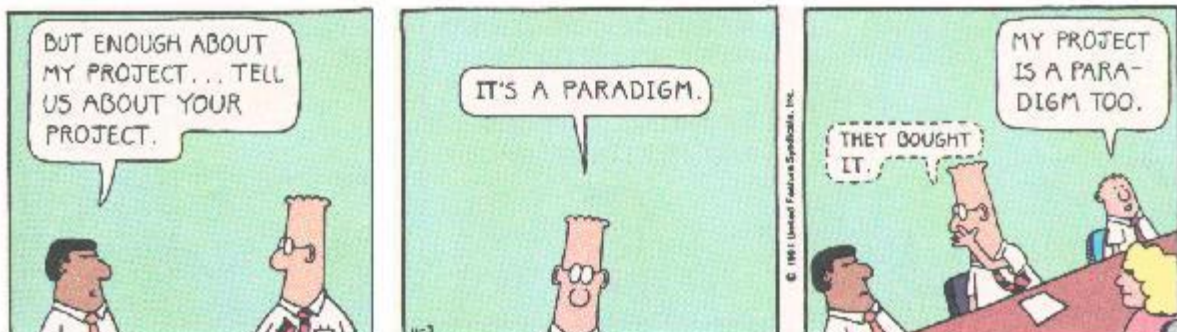
gms

→
→
→
→



ologies
es

→



D. Kennedy

18

2

What does this mean for FIRE

- ▶ Two parts to the FIRE initiative:

Experimental facilities supporting research on networks and services gradually built from interconnected testbeds

Experimentally-driven long term research on new paradigms and advanced networking approaches for the future internet

- ▶ And they are both now critical

The ICT Technology Platforms

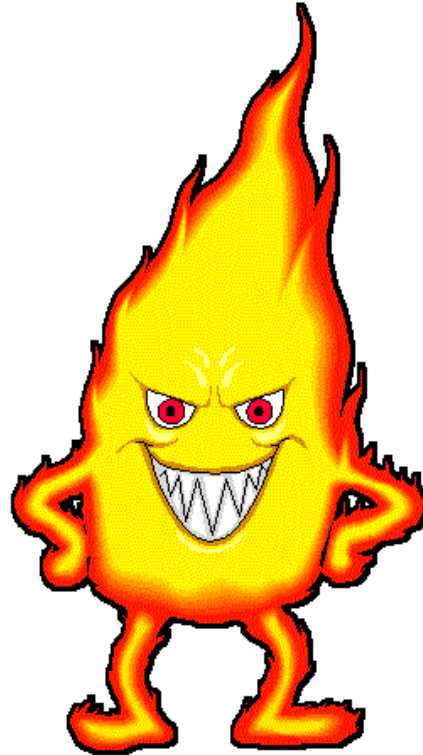
- ▶ NEM: Advanced Media services over any technology.
- ▶ eMobility: Advanced networks giving access anywhere
- ▶ NESSI: Software and services to support significant structural changes
- ▶ ISI: Satellites to complete the picture
- ▶ EPoSS: The Internet of Things

The cost of development

- ▶ How can we reduce risks?
- ▶ Traditional development cycle was:
 - plan, implement, test, release,
- ▶ However, now we must change:
 - plan, part implement, test, (release?) improve, implement more, test, (repeat), release.
- ▶ And our old test environments are not adequate
- ▶ What does interoperability mean in this new world?
- ▶ Discovering Service interactions
- ▶ What does interworking mean?
- ▶ Who is responsible for everything working together?

Conclus

- ▶ We need the new
- ▶ We need infrastru concept scale
- ▶ We need to light the FIRE !!



onments for

c test
network
and timely