



University of Zurich

**Management of the Future Internet
Dagstuhl, Germany, January 28-30, 2009**



Past, Current, Future Internet - Socio-Economic Management Challenges and Perspectives

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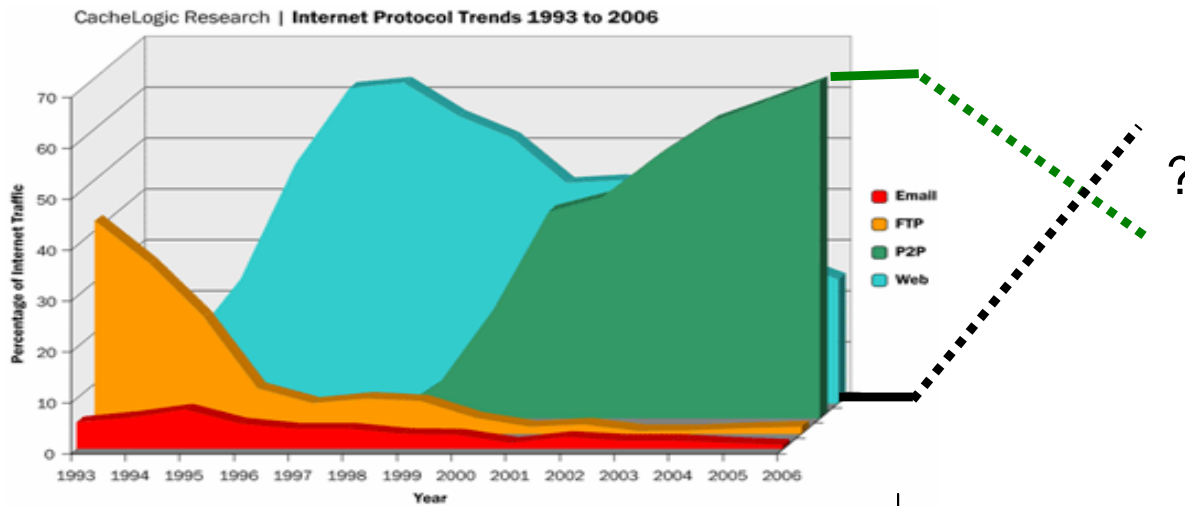
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Past, Current, Future Internet



Past

- Conventional C/S-based traffic
- TCP fairness worked

Today

- Dynamic overlays outside the ISPs control
- TCP fairness fails
- ISP deploy DPI boxes

Future

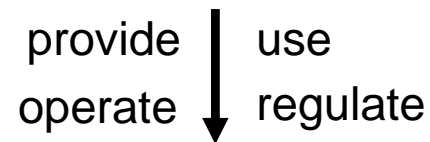
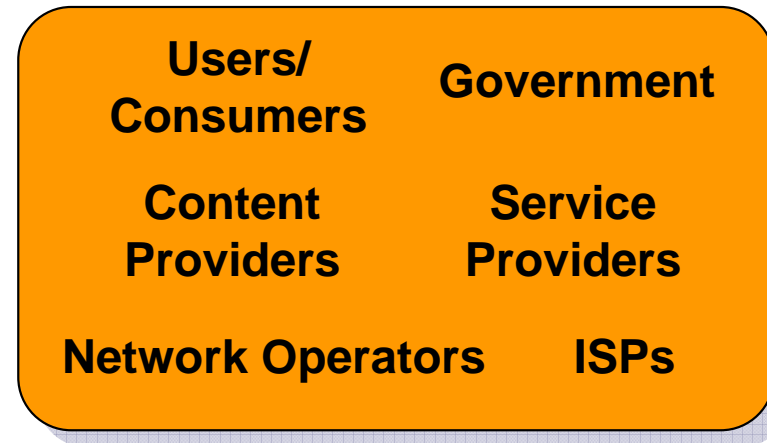
- More users
- More traffic volumes (HDTV etc.)
- More capacity (optical fibers)



Socio-Economic Management of the Future Internet



Society / Economy



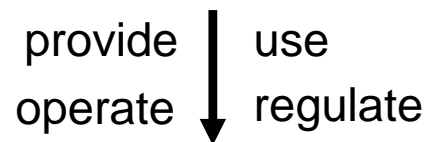
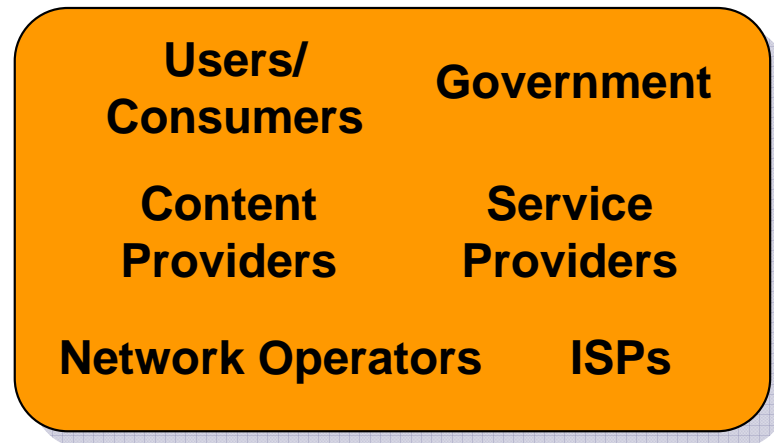
Future Internet



Socio-Economic Management - Challenges and Perspectives



Society / Economy



Future Internet

Socio-Economic Challenges

- Self-Interest and Maliciousness
- Monetary versus Non-Monetary Incentives
- Trust and Reputation
- Identity and Privacy
- Regulation and Governance



Thank you for your attention!
Questions?

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