Mobile P2P –
A Community Approach or Business Case?

Kurt Tutschku
tutschku@informatik.uni-wuerzburg.de
Mobile P2P

- P2P mechanisms/applications designed for mobile/wireless environments
  - “equal” contributions; community concept
  - support of high mobility and spontaneous use
  - limited air interface capacity
  - sudden loss of radio link

- challenges:
  - usability:
    - how reliable is the service?
    - how long does it take to get access?
    - who will contribute? is it fair?
  - technical:
    - what mobility management is needed?
    - heterogeneity / delay tolerance?
    - incentives/fairness?

- if dependable then mobile P2P is even business case (micro operators)