

FISE Scenarios

Future Internet Socio-Economics Work Group

<http://www.ict-smoothit.eu/wiki/pmwiki.php/FISE/FISE>



Mobile devices primary means for Internet access (I)

- Mobile devices
 - surpassed PC and laptop usage
 - are very personal, location- and context-aware and provide Internet access
- **Result:** Hand-held devices become the primary method of enjoying the Internet.

Mobile devices primary means for Internet access (II)

- We learn by visiting places, experimenting and drawing conclusions (device provides the facts), not memorizing at classrooms
- Devices monitor health, improve care-giving
- Personal and work time blurred even more
- Operators part of many product value chains
- Devices with environmental sensors form monitoring networks

Content creation, combination and publication is done by anyone (I)

- Applications and services expose interfaces
- Users exploit, combine applications & services, create new ones
- **Result:** content creation is becoming communal

Content Creation, combination and publication is done by anyone (II)

- Plethora of content sources, rating and filtering essential for content in education
- Search engines become even more important
- Intermediaries for publication are no longer needed
- Royalty-free content production/consumption tools
- Intellectual Property is not clear
- Local communities become less isolated
- Decentralization of news reporting, forming of opinions etc.

There are many Internets (I)

- Corporations and governments create their own version of Internet
- Some internets interoperable, others isolated
- Division mostly at service level
- **Result:** The landscape is volatile, roughly under market trends, government restrictions and user desires

There are many Internets (II)

- Education depends on the Internets one has access to
- Healthcare-oriented internet keeps medical data secluded in a walled-garden fashion
- Fast transition between networking technologies; economical edge to technology leaders
- (Temporary?) revival of separated economy areas, similar to customs borders
- New social divide based on the type of internet one has access to

All devices connected to Internet

- Ubiquitous cheap wired and wireless broadband access
- All devices (inter)connected
- Control all devices in an integrated way
- Coordination of all devices for the health issues
- New requirements for common standards
- Major privacy/security issues
- Better resource management/Green IT

Thank you!