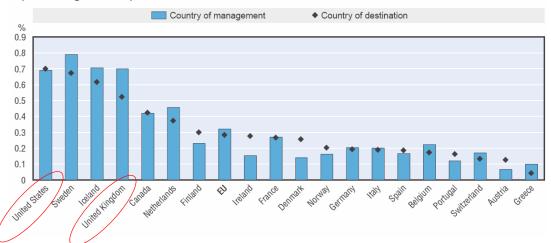


Global wireless industry profitability vs. Herfindahl-Hirschman Index (HHI)



## VC funding major driver of innovation – level determined by factors outside wireless industry

Venture capital investment by country of management and destination,1999-2001 (Percentage of GDP)





## My take on questions posed to panel (1/2)

Question	My take
Vision of the converging communications markets in 2010?	<ul> <li>Interactions among visions: manufacturers, operators, users etc.</li> <li>Technology development e.g. batteries</li> <li>Strong brands command more of consumer communications ar entertainment spend</li> <li>Ability to execute and deliver</li> </ul>
<ul> <li>France Telecom / Orang</li> <li>NTL / Virgin Mobile - qui</li> </ul>	, and TV via 21CN network.
	will offer fixed telephony and broadband services



## My take on questions posed to panel (1/2)

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Vision of the converging comms markets in 2010?	<ul> <li>Interactions among visions: manufacturers, operators, users etc.</li> <li>Technology development e.g. batteries</li> <li>Strong brands command more of consumer communications and entertainment spend</li> <li>Ability to execute and deliver</li> </ul>
Why Euro mobile internet failed compared to Japan?	<ul> <li>Relative Internet and PC penetration</li> <li>Central coordinator (DoCoMo)</li> <li>Different business models (40/60 vs. 90/10) attract different types of service providers</li> <li>Lifestyle differences (commuting pattern, smaller homes)</li> </ul>
What should be regulated / left to market? • Guarantee ISP competition? • Regulate access?	<ul> <li>Leave everything to the market except <ul> <li>Monopolies e.g. mobile call termination</li> <li>Overarching public interest e.g. security E911</li> </ul> </li> <li>Support harmonization of frequency allocations</li> <li>Maintain technology neutrality in allocations (e.g. 2.5 – 2.7Ghz)</li> </ul>



## My take on questions posed to panel (2/2)

Role of regulators towards innovation and market?	<ul> <li>Be disinclined to regulate</li> <li>Support competition as driver of innovation</li> <li>Provide un-licensed sandboxes for new concepts (e.g. Wi-Fi)</li> <li>Don't have national champions</li> <li>Support venture capital and investment in general</li> </ul>
What kind of regulation needed to guarantee data security?	<ul> <li>Public safety / security is valid reason to meddle in market</li> <li>Emergency services (e.g. E911)</li> <li>Protect kids / avoid producing stalker toolkits (LBS)</li> <li>Privacy and data security – in-line with legislation for on-line and other businesses</li> </ul>
How should radio frequencies be regulated in future?	<ul> <li>Auctions for most commercial uses of spectrum</li> <li>Push for higher spectrum utilization <ul> <li>Prevent spectrum hoarding</li> <li>Allow spectrum trading</li> </ul> </li> <li>Provide sandbox for cognitive radio, SDR</li> </ul>
Should regulatory frameworks be redesigned for convergence?	<ul> <li>FCC and Ofcom are wireless, wireline and media regulators</li> <li>Most of Ofcom's business still within silos</li> </ul>

