



**Policy Frameworks for the
Knowledge-based Economy
ICTs, Innovation and Human Resources
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Session 5. Policy roundtable

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The challenge

- **ICTs, innovation, human resources are the knowledge base to develop new goods and services, raise productivity, create wealth**
- **Distribution unequal among and within countries**
- **Structural imperative: Latin American firms and industries have to increase their use of knowledge to add more value and improve long-term competitiveness**
- **New policy frameworks inter-link the knowledge base elements**

ICT policy: common elements

- **Policy visions, universal access**
- **ICT development**
 - R&D programmes (general R&D subsidies), venture capital, government use (e.g. electronic identity), e-procurement
- **ICT diffusion (most common, increase demand and use, spread network benefits, raise growth)**
 - Households, business, small firms, skills, e-government
- **ICT environment**
 - Security, authentication, privacy, consumer protection
 - Intellectual property rights
- **Policy emphasis differs across countries**

Latin America

Policy challenges and issues (1)

ICT policy agenda emphasising equality of access and use:

- Public access (schools, institutions)
- Small firm use
- ICT training, education
- Co-ordination of government on-line efforts
- Supply / demand interactions (IT services, software)
- Infrastructure - build-out, security and trust

Latin America

Policy challenges and issues (2)

Pulling policy frameworks together across ICTs, innovation, human resources

- Innovation policy the new and more complex agenda. Linking R&D to growth, across sectors and activities
- Education raising attainment levels, quality, universal access and involvement
- Prioritisation, sequencing of key actions
- Implementation: institutions and procedures
- Outcomes and evaluation: spreading a new evaluation culture