GVCs, FDI and non-equity modes – impact on trade and international technology transfer (ITT)

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Transfer Channels

- **GVCs:** Trade in products (goods and services)
- **FDI:** Foreign Direct Investment (TNCs)
- **NEM:** contract manufacturing, service outsourcing, franchising & licensing, management contracts
- **Cross-border movement of technical and managerial personnel**
Receipts of royalties and licence fees

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Billion dollars

North America  Europe  Asia

2000  2013
Exports of C&IS and OBS, 2000-2013

- Developed economies
- Developing economies
- CIS

Billion dollars

Globally integrated innovation

Global Research HQ
Niskayuna, NY

Global Research - Europe
Munich, Germany

China Technology Center
Shanghai, China

Brazil Technology Center
Rio de Janeiro

John F. Welch Technology Center
Bangalore, India

Source: © 2011, General Electric Company
Extra EU (27): Imports of R&D services from selected partners

Source: Eurostat.
COSTA RICA: PARTICIPATION IN GVC

- Attracting FDI
- In electronics, medical devices, automotive, aeronautic/aerospace, film/broadcasting devices
- Some 60 firms account for around 40 per cent of CR’s total exports