# How Can ICT Knowledge and Skills from Highly Developed Countries Be Transferred to Emerging Economies?

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## DESCRIPTION

Shortcomings in infrastructure and fast changing regulatory environments in emerging economies create extra challenges for effective and efficient implementation and management of information and communication technologies (ICT). Knowledge and skills gained in highly developed countries do not always transfer easily due to these challenges as well as to cultural obstacles. The objective of this panel is to address the specific issues that technology professionals are faced with in emerging economies, and how these issues may be effectively handled. Based on their experiences, the panelists will share their opinions and lead a discussion as to how ICT knowledge and skills from highly developed countries can be transferred and adapted to the unique business environments of emerging economies.

**Keywords:**

Emerging economies, knowledge transfer, information and communication technology, information technology, information systems, project management, transition economies

## Possible Questions/Topics:

How Universities in emerging economies help or hamper the transfer of ICT knowledge and skills?

Which ICT knowledge and skills are most useful for companies located in emerging economies?

Why companies in emerging economies hesitate to change their compensation structures to better promote their talents?

Do promotion, compensation and workload of professors at the Universities in emerging economies negatively/positively affect ICT knowledge transfer and creation?

How the industry/IT companies communicate their needs to the Universities in emerging economies?

Do the industry/IT companies in emerging economies sponsor the research at the Universities in emerging economies? Why? Or why not?

How governments may help in developing ICT knowledge and skills?

What managers in emerging economies may do to help in developing ICT knowledge and skills?

How global IT companies affect the carriers of IT professional in emerging economies?

What influence does regional culture have on the success of ICT knowledge and skill application?

How can infrastructure problems be overcome in the application of ICT skills and knowledge?

Can ICT skills and knowledge compensate for lack of infrastructure?

Are ICT skills and knowledge acquired in developing economies relevant in emerging economies?

How can ICT literacy be quickly and inexpensively improved in underdeveloped countries?

Is government in emerging economies helping or hindering ICT knowledge and skills transfer?

Are developed countries helpful in transferring ICT skills and knowledge to emerging economies?

Are corporations based in developed countries helpful in transferring ICT skills and knowledge to emerging economies?

What should tertiary education (universities) in emerging economies focus on, in order to improve ICT skills and knowledge?

Should secondary education (high schools) in emerging economies play a significant role in improving ICT skills and knowledge?

Can universities in developed countries help in transferring ICT skills and knowledge to emerging economies?

What role can professional organizations (e.g. AIS or SIgGlobDev) play in skills and knowledge transfer?

How can workshops and conferences (e.g. ICTM in Wroclaw) help in ICT skills and knowledge transfer?

Is the skills and knowledge gap narrowing or widening? What is the prediction for the future?

What are the most common mistakes "Western" managers (or business partners) do, when managing IT professionals, IT projects, …. in emerging economies?

In your opinion, do IT professionals in emerging economies prefer to work for a global or local IT company? Why? Why not?

Are start-ups and small, local IT companies based in emerging countries leading in transferring ICT skills and knowledge to emerging economies?

Are open source/free software helpful (essential?) for transferring ICT skills and knowledge to emerging economies?

Beside relatively low salaries paid to IT professionals, what are other competitive advantages for IT companies located in emerging economies?

What are the most striking differences when comparing ICT knowledge and skill of IT professional in emerging and developed, mature economies?