



Collaboration and geographic proximity in the digital age

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Innovation is more collective

- Reduced costs of exchange allow for densified interactions between companies and research institutions
- Changing business models require scientific inputs & multi-disciplinary solutions across all sectors

New models of collaboration

- Data sharing
- Open innovation
- Innovation ecosystems
- Start-ups to pilot new products and processes
- Platforms - leveraging crowds and networks

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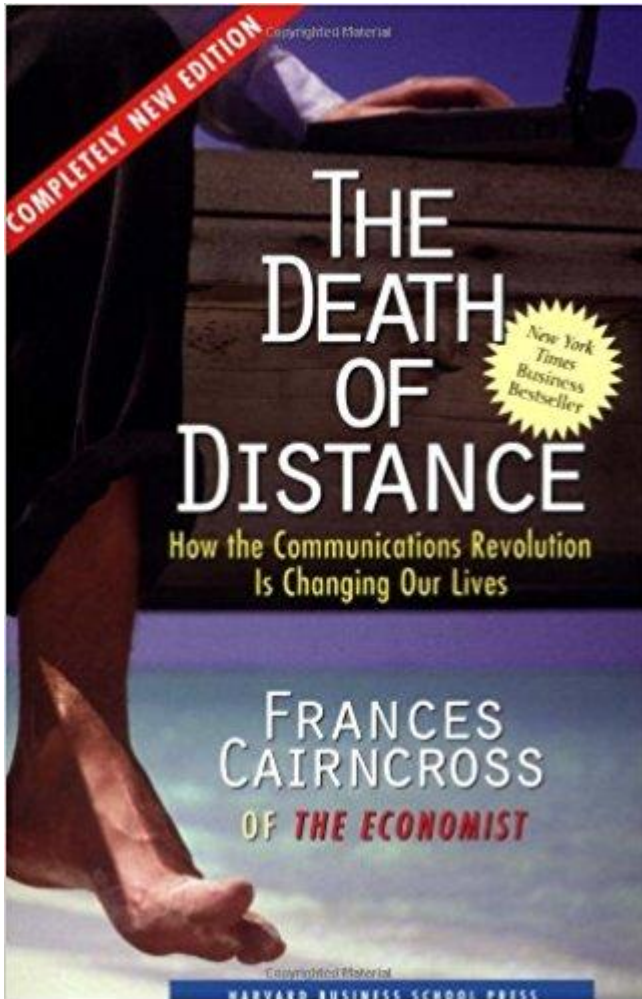
Digital platforms

- Platforms are digital entities which gather various actors and enable various types of transactions with and between them
- Essential infrastructure facilitating open innovation: private platforms (companies, universities) for interacting in semi-open or closed communities.
- Platforms can be a core tool to give small players opportunities to contribute to innovation eco-systems

What about traditional platforms & geographic clusters ?



The geographical concentration of innovation



- Zero communication cost promised the « death of distance » - location would become irrelevant, innovation could take place everywhere...
- ... The opposite has happened over the past decade: large cities are leading innovation - location is more relevant than ever.
- Location matters because interpersonal contact (which requires physical proximity) is key to knowledge sharing, including platforms
- The fluidity of data allows it to go wherever it is best used... therefore it goes to large cities



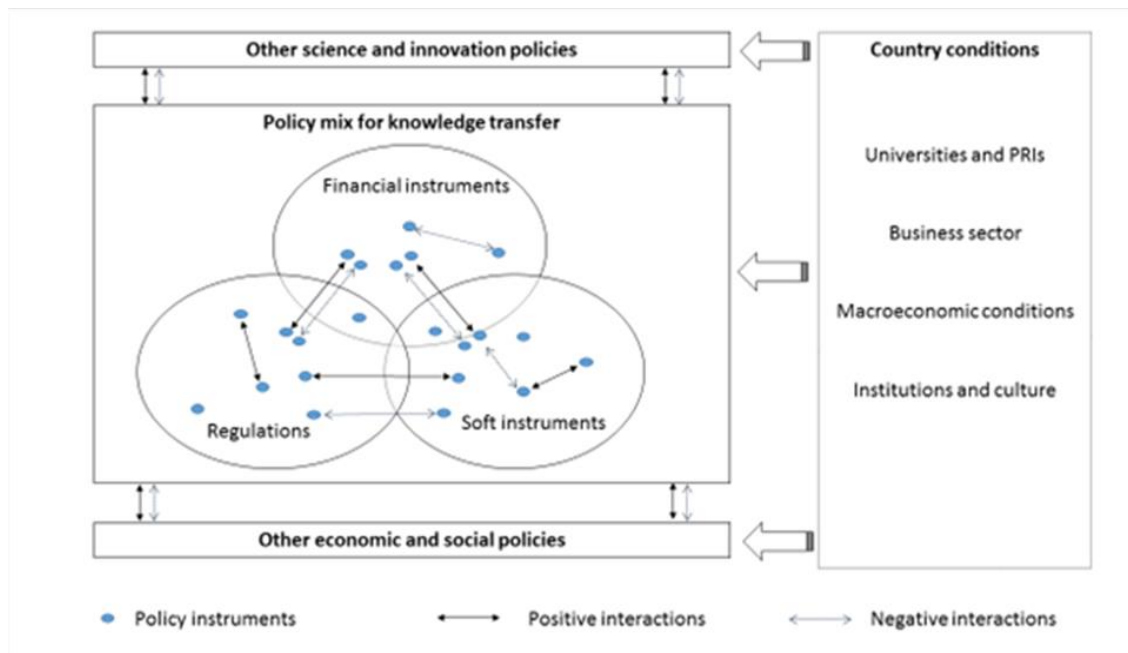
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How to leverage the **digital transformation's** potential for **innovation and research?**

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Questions

- What are new **opportunities for research collaboration** in the digital age?
- Are the processes of **innovation development and commercialisation** fundamentally changing?
- Do impacts **differ across actors, science disciplines and sectors?**

More information

www.innovationpolicyplatform.org/digitalinnovation



THANK YOU!

OECD Digital and Open Innovation project website:
<https://www.innovationpolicyplatform.org/TIPdigital>

Assessing Impacts of Knowledge Transfer and Policy project website:
<https://www.innovationpolicyplatform.org/assessing-impacts-knowledge-transfer-and-policy-oecd-project>

