Emerging Technologies

and the Future of Governance

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part I: the basics

Emerging Technologies

cloud computing
social computing
mobile computing
big data

…

opportunities, hype, reality, risks

Governance

open
collaborative
participatory
bottom-up
Inclusive
local and global

…

deepening and broadening participation

part II: collaboration and innovation

Civic Technologies

citizens creating these technologies
agencies reacting to these technologies
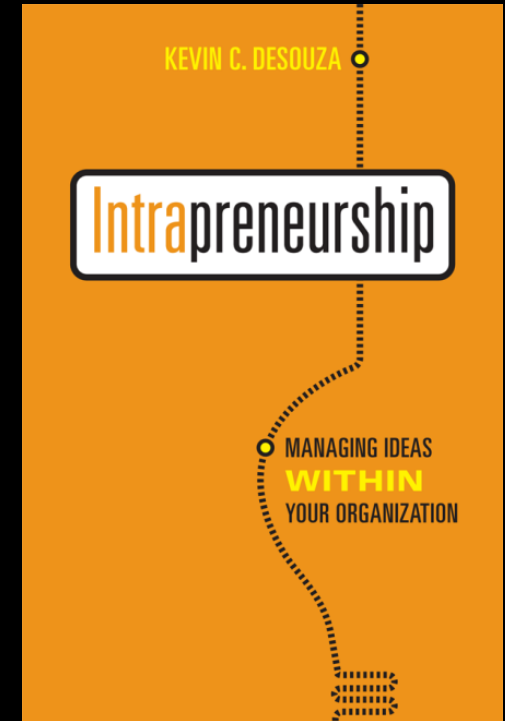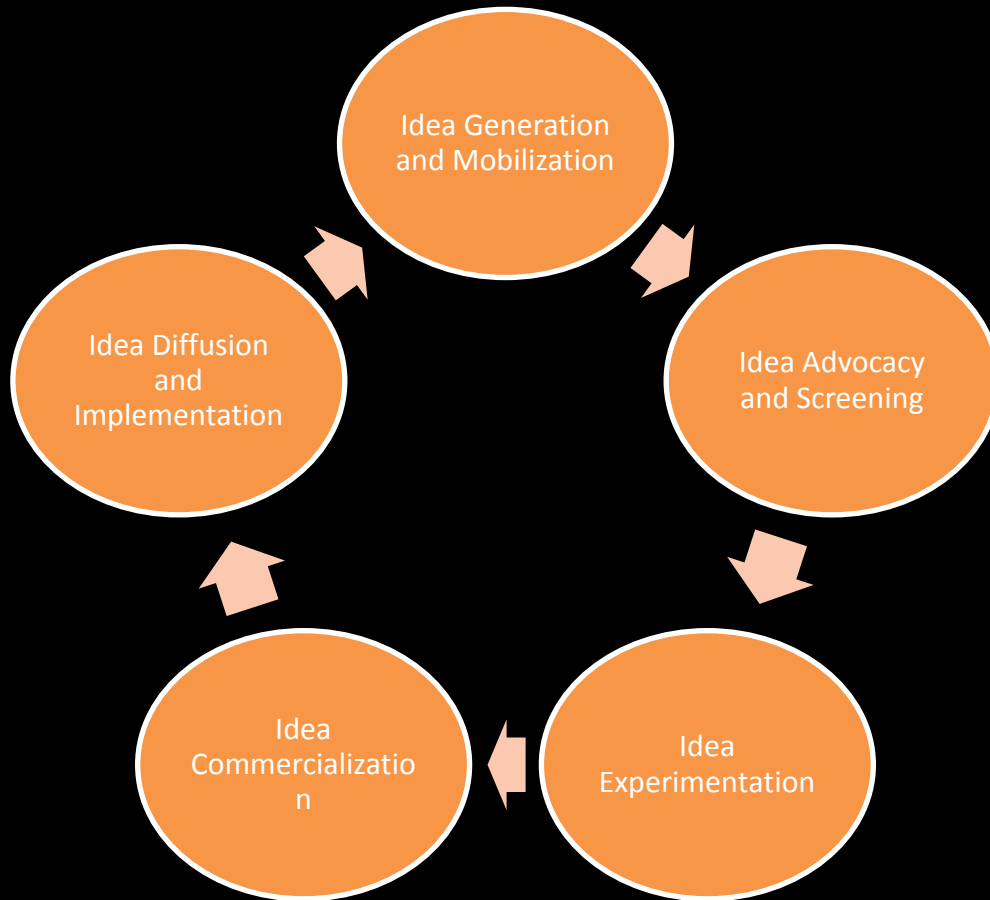the role of challenges and competitions
co-creation of technologies
strategic alliances
risks
control

Intrapreneurship

part III: four models of crowdsourcing

Model I: Citizen Centric and Citizen Sourced Data

Model II: Citizen Centric and Agency Data

Model III: Agency Centric and Citizen Data

Model IV: Agency Centric and Citizen Solutions

part IV: social media

Friend or Foe

- Records retention laws
  - One-way communication or two-way conversations
- Auditing implications
  - Who owns the data?
    - Data manipulation (e.g. fake Twitter accounts)
    - Strategic alliances with the private sector
  - How good are your records retention systems?
    - Archiving records is one thing, being able to search and retrieve records is quite another

part V: 'big' data

Reality or Hype

- Volume, Variety, Veracity, Velocity
  - Managing structured data is challenging enough
- Integrating Data Repositories
  - Access controls, Ownership, Data Sharing Agreements, Privacy…
- Analytical Capabilities
  - Real-time analysis, Fusion Centers, Human Resource Development…

part VI: navigating the future

The Future

emerging platforms
experimentation spaces
citizen-centric development
legal and regulatory challenges of digital interactions
strategic direction and alignment needed
novelty versus value
crowded marketplace
tackling complex problems for smarter governance

Questions

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