Comments on Presentations

Architectural Strategy and Design Evolution in Business Ecosystems

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Road Map of my points

• New Research on Technological Ecosystems is fantastic!
• My Wish List of things to pay more attention to
New Research on Technological Ecosystems is fantastic

- Is paying attention to the actual technological dynamics
- Tries to grapple with the complexity that actors are facing
My Wish List of things to pay more attention to

- Let’s try to build cumulativeness into the program
  - Should we study many different technologies superficially or a few deeply?
    - A few deeply!
- Compare different Ecosystems (semiconductors/solar)
  - Are the speeds of change different across ecosystem?
  - How much time do actors have?
Global Trends in Solar PV Industry

Source: Kapoor and Furr (2013).
Entry, Exit, Number of U.S. Automobile Producers, 1895-1966

Source: S. Klepper 2005
Entry, Exit, Number of U.S. Tire Producers, 1901-1980

Source: S. Klepper 2005
Number of Dye Firms by Country, 1857-1914

- USA
- Britain
- Germany
- Switzerland
- France
My Wish List of things to pay more attention to

• Compare different Ecosystems (semiconductors/solars)
  • Are the speeds of change different across ecosystem?
  • How much time do actors have.

➡ Measure explicitly how long events take
My Wish List of things to pay more attention to

• Compare different Ecosystems (semiconductors/solar)
  • Are the speeds of change different across ecosystem?
  • How much time do actors have?
  • Do actors learn from earlier events in other ecosystems? Remember VHS vs. Betamax
    o ➔ Date events so we know what occurred earlier and later
My Wish List of things to pay more attention to

• Some of us with tenure should engage in Forward Looking Research Designs

  • This will put to test how good our theories are
  • It will give us a sense to what extent one can engineer success when all other players are trying the same.