

Future Digital Economy Forum

Digital innovation vs. secular stagnation?

Introduction

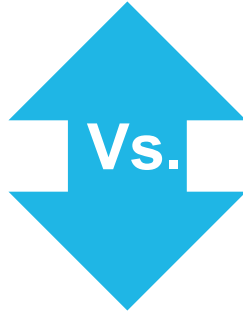
19 November 2015

Yves GASSOT

CEO, IDATE

Digital innovation vs. *Secular stagnation*?

Techno-pessimists



Techno-optimists

« Is Digital Innovation able to sustain a growth cycle similar to the role that the steam engine or the electric motor had on labour productivity growth? »

Digital innovation vs. *Secular stagnation*?

Techno-pessimists

(Robert J. Gordon)

- **Growth is a modern concept**
- **Falling productivity gains**
- **No radical breakthrough**
(beyond the smartphone)
- **The software diminishes
the world/employment**

Digital innovation vs. *Secular stagnation*?

Techno-optimists

(McAfee, Brynjolfsson,
Mokyr, Aghion)

- **Limitation of statistic**
- **Latency**
- **Lack of accompanying measures**
(education & training, structural reforms...)
- **The Internet accelerates access to innovation**
- **They see new Game Changers...**

Digital innovation vs. *Secular stagnation*?

Focus:

New 'Game Changers'?

- *Debate on Moore's Law*
- *Artificial intelligence (IA): Watson...*
- *Robotics*
- *Cloud*
- *3D printing*
- *Blockchains...*

Digital innovation vs. *Secular stagnation*?



Agenda

1. James ALLEMANN, CITI

2. Yves GASSOT, IDATE

4. Round-Table

Stéphane CIRIANI, Orange

Georg GRAETZ, LES

Dirk PILAT, OECD

3. More on the Moore's Law

Éric LALARDIE, ARM

Laurent MALIER, STM