Progress of the e-Infrastructure Commons
Integration and interoperability – funding and revenue models

March 9, 2016
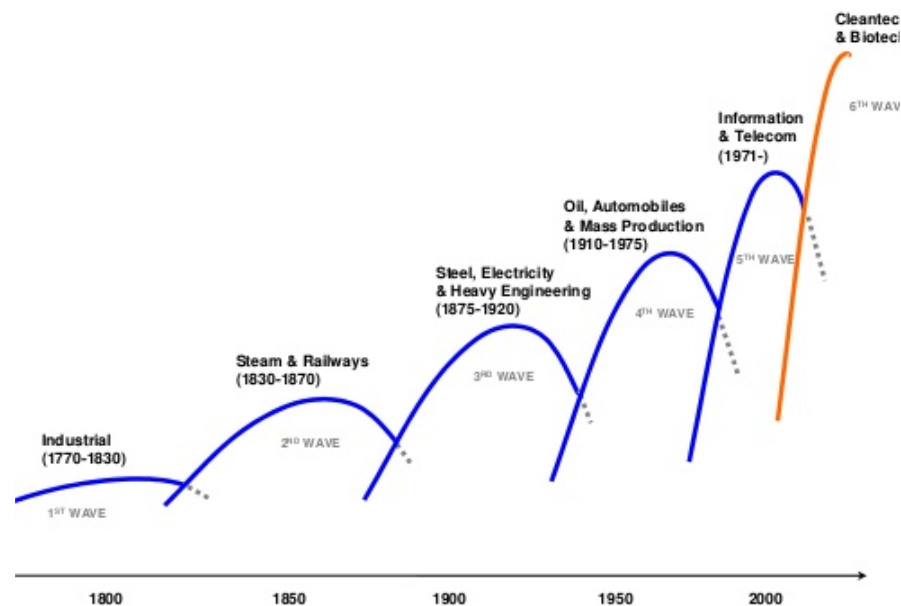
Welcome

- E-infrastructures in the 'Information & Telecom'-age

- From e-infra providers: re-interpret what is valued by users, show new directions
  - E-infrastructure commons as a vision:
    The e-Infrastructure Commons can be defined as an <u>integrated</u> living <u>ecosystem of resources and services</u> that is <u>open</u>, <u>user friendly</u> and <u>accessible</u> to European researchers and scientists, and <u>continuously adapts</u> to the changing requirements of research and science

- Critical users
  - Criticism comes from the Greek *krino* – able to judge, value, interpret – that's not negative

- Innovation policy: complex system, not just money but also conditions, type of actions, governance, awarding leadership and ownership

Waves of innovation

Cleantec & Biotec
6TH WAV

Information & Telecom (1971-)
5TH WAVE

Oil, Automobiles & Mass Production (1910-1975)
4TH WAVE

Steel, Electricity & Heavy Engineering (1875-1920)
3RD WAVE

Steam & Railways (1830-1870)
2ND WAVE

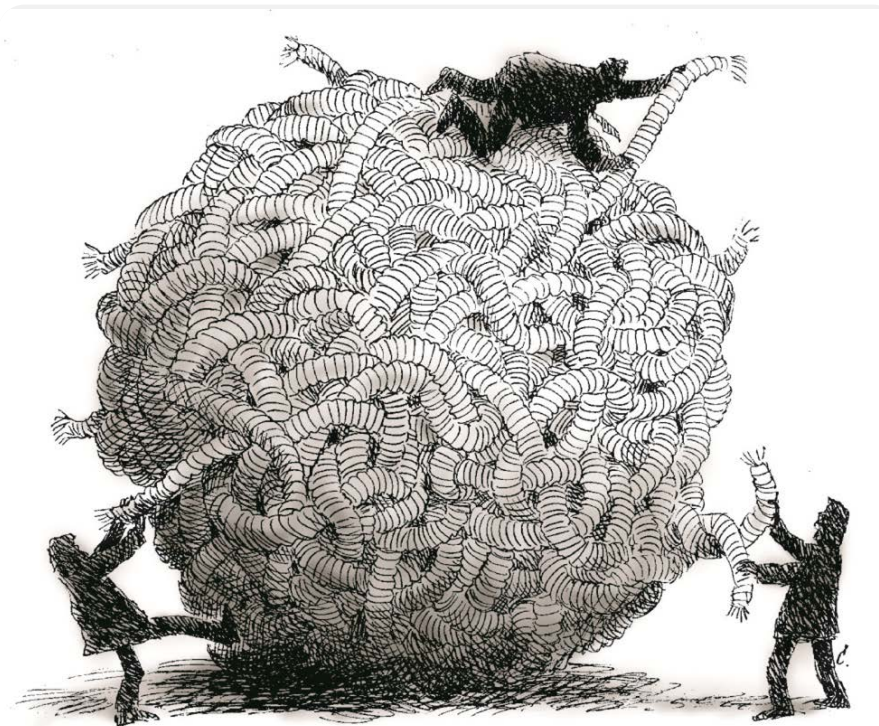Industrial (1770-1830)
1ST WAVE

1800 1850 1900 1950 2000

Source: DONG Energy (2009); diagram based on Perez (2002) drawing on report by Merrill Lynch (2008) (schematic not precise quantitative vertical axis).

Grantham Research Ins
Climate Change a
the Environment

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Program of today

- **11:10-12:45**
  Theme: User perspective
  Session moderator: Arjen van Rijn

- Wilco Hazeleger
  Getting Science out of eScience

- Giorgio Rossi
  ESFRI view on e-Infrastructures

- Rene Belsø
  Researcher perspectives on e-Infrastructure provisioning

- Panel session

Source: River Software

SURF

Program of today

- **13:30-15:25**
  Theme: Industry perspective
  Session moderator: Erik Fledderus

- Tony Hey – keynote speaker
  Open Science in an ever changing e-Infrastructure landscape

- Michael Symonds
  Industry Angle

- Bob Jones
  HelixNebula-Science Cloud - Pre-commercial procurement pilot

- Panel session

Source: River Software

SURF

Program of today

- **15:55-17:50**
  Theme: Policy perspective
  Session moderator: Cees de Laat

- Kees Neggers
  The development of the e-Infrastructure landscape in The Netherlands

- Barend Mons
  European Open Science Cloud

- Ed Seidel - Keynote speaker
  Trends in Scientific Computing and Data

- Panel session

Source: River Software

SURF