IIS is the inclusive and diverse organization of all insurance industry stakeholders, with members in nearly 100 countries.

- IIS members include life and nonlife insurers from developed and emerging markets, as well as brokers, scholars, regulators and advisors.
- IIS convenes industry and public sector leaders, leveraging their knowledge to better understand risk and drive growth and innovation.
- IIS hosts the Insurance Development Forum public/private partnership and the Insurance Hall of Fame.
4TH INDUSTRIAL REVOLUTION

4th Industrial Revolution
**4th Industrial Revolution**

- **First Industrial Revolution**
  - through the introduction of mechanical production facilities with the help of water and steam power
  - **First mechanical loom, 1784**

- **Second Industrial Revolution**
  - through the introduction of a division of labor and mass production with the help of electrical energy
  - **First assembly line Cincinnati slaughter houses, 1870**

- **Third Industrial Revolution**
  - through the use of electronic and IT systems that further automate production
  - **First programmable logic controller (PLC), Modicon 084, 1969**

- **Fourth Industrial Revolution**
  - through the use of cyber-physical systems

**Degree of complexity**

**Time**

- 1800
- 1900
- 2000 **Today**
INSURANCE 1.0

Chinese Trade Ships

Code of Hammurabi
INSURANCE 2.0

Traders from Genoa
The Great Fire of London
1666
INSURANCE 4.0

Changes: The Industry Today

- The many facets of technology
- Focus on the Customer Experience
- Public Private Partnerships
- New Investment Practices
- Finally, a Focus on Talent
- Insurers: the Financial First Responders
INSURANCE 4.0

Changes: The Industry of Tomorrow

• Not just new products, new risks arising from:
  • Technology Disruption
  • Economic Disruption
  • Social Disruption
• The political capital of our investment portfolios
• Not just new risks, new concepts of insurance
THANK YOU
고맙습니다