Realization of “Society5.0”
Society5.0: Aiming for a New Human-centered Society

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Increased global connection of stakeholders with the rapid evolution of ICT
Rapidly increasing complexity of societal issues in this era of uncertainty

1 Era of Uncertainty

Era of predictability
Science and Technology
Mass production
Things and economic values

Era of uncertainty
Social Science
System
Ideas, service and social values

ICT / AI
Streamlining &
Labor saving
measures

Business creation
Social structure
2 Achieving a sustainable world
3 Societal challenges facing Japan

An Advanced Country with Advanced Issues
Japan can contribute to resolving similar challenges worldwide

### Shrinking labor force
- **15~64 years old**
  - 2015: 77 million
  - 2050: 53 million
- **65 years +**
  - 2015: 34 million
  - 2050: 44 million

### Rising social security costs
- **2015**
  - $1.1 trillion
- **2020**
  - $1.2 trillion
- **2025**
  - $1.4 trillion

### Rising infrastructure costs
- **2015**
  - $33 billion
- **2020**
  - $46 billion
- **2025**
  - $47 billion

### Decreasing CO₂ emissions
- **2015**
  - 1.4 billion tons
- **2020**
  - 1.0 billion tons
- **2025**
  - 0.3 billion tons

Shrinking labor force
Rising social security costs
Rising infrastructure costs
Decreasing CO₂ emissions

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A sustainable and human centered society where everyone can live a life with vitality and in comfort.
The digitalization of industrial and social infrastructures is accelerating throughout the world. Digital Transformation becomes a pillar of industrial policy.
6 What is happening: Industrial structure reform

Structural reform from conventional systems in all industries

- Energy solution
- Omni channel
- P2P Payment
- Fintech
- Shearing
- Digital health
- Wearable
- Aggregator
- Smart city
- Smart manufacturing
- Mobile payment
- Autonomous drive

- Infrastructure
  - Power supply equipment

- Manufacturing
  - Retail

- Finance

- Automotive

- Medical equipment
  - Pharmaceutical

- Smart infrastructure

- Personalize

- Payment service

- Mobility service

- Healthcare service

- Capital-intensive

- Knowledge-intensive

- New value chain
  - Example of mobility service business

- Direction of change
  - IoT
  - Bigdata
  - Total solution
  - Cross industries

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7 What is happening : Positive and negative effects

- value creation
- New business creation
- Comfortable
- human centered society

New service
Efficiency

Drastic change in conventional industry structure
Cybersecurity
Inequality
Unemployment
Privacy

Data ownership
AI automatically generates effective advice that can raise the “happiness level” of employees, using data obtained from wearable sensors.

An application to deliver advice & visualize “happiness” level

Benefit confirmed in field test with approx. 600 participants from 26 Hitachi Group sales & marketing departments.

I want to enjoy my work.
Half of the children born 10 years ago will live to 107 years old. Revolution in human resources development towards the 100-year life era is a vital part of the society in which all citizens are *dynamically engaged*, and such society can’t be built without the human resources development revolution.

https://www.kantei.go.jp/jp/headline/ichiokusoukatsuyaku/jinsei100.html
Reform for education

- **Education opportunity open to all people**
  Reducing burden of education, Free education

- **Higher education**
  Higher education reform for recurrent education

- **Diversification of hiring**
  Employment of the elderly

- **Social security**
  From focusing on the elderly to social security for all generations

Infrastructure development

- **Recurrent education**
  Re-education
  E-learning
  Skill certification system
  Education and training benefits

- Leasing policy package (2018)