

The role of human-centered technologies in society in 2040

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Vision of the human society in 2040

Major issues

- ◆ Depopulation
- ◆ Regional disparity
- ◆ Aging society

Technological advances for a human-centered society

- Public transportation; minimized use of private vehicles
- Telework through 7G
- AI based systems for public office services
- AI systems and robots as labor force
- Health monitoring through IoT

Future information terminals

- Public transportation: automatic driving, easy access
- Online conferences: augmented environment using the five senses
- Supervision at automated agricultural sites
- Health monitoring device attached to the body: early detection of diseases

Possible downsides

- Sudden spike in population due to convenient lifestyle
- Lack of physical exercise
- Privacy issues
- Thorough education of ethics for system management
- Heavy dependence of electricity

Conclusion

- ✓ Present issues to predict the society in 2040
- ✓ Possible technological advances
- ✓ Future information terminals
- ✓ Possible unexpected consequences of technological development