

Better Technology for Better Future

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Agenda

- 1. Future vs. Better Future**
- 2. Technology vs. Better Technology**
- 3. Role of Government**
- 4. Role of Company**

1. Future vs. Better Future

Future

- To warm the planet with more CO₂
- More power to technology giants
- Lonely people isolated in virtual world
- ...



Better Future

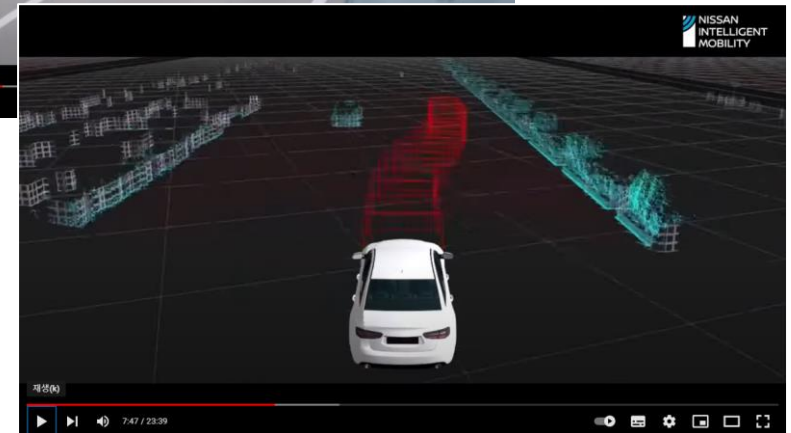
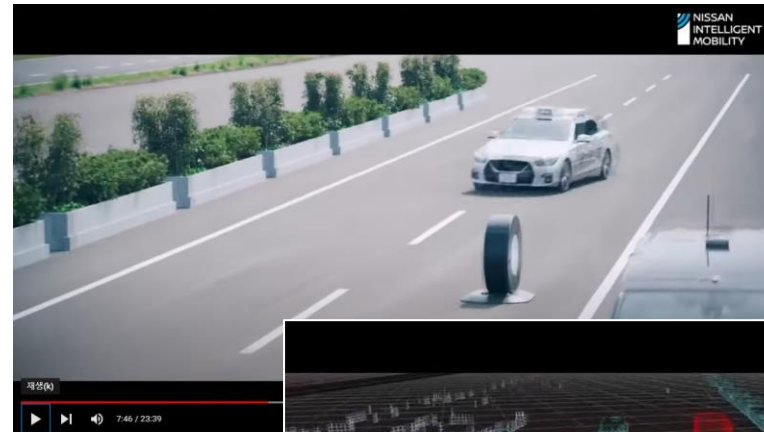
- Net Zero by 2050
- Decentralized platforms
- Integration of real and virtual world
- ...

**Future is uncertain, but risks are certain.
Don't predict the Future and just define the Better Future.**



Technology - Autonomous Driving

- Replacement of drivers
- Time to read the books on the road
- ...



Better Technology – Super Safety

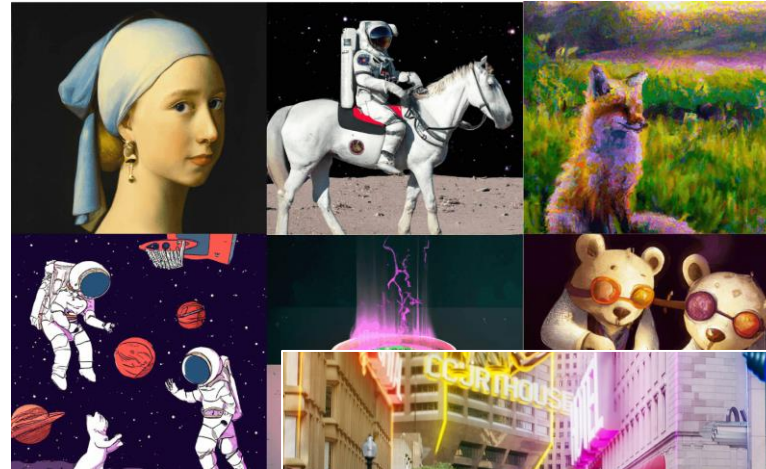
- To hire AI drivers, sensing the sudden changes around the cars, simulating on cloud, and finding out the safest way

**Technology only is not enough. We need Better Technology.
Autonomous Driving can result in Super Safety.**



Technology - Metaverse

- It seems not like a Real World.
- Designers design all the avatars and background images.



Better Technology – Super Reality

- AI designers, who produce 2D arts based on the given key words, will fulfill the virtual world with all the details required to make it seem like a real one.

**Technology only is not enough. We need Better Technology.
Metaverse powered by AI can result in Super Reality.**



Because everything in her home is waterproof, the housewife of 2000 can do her daily cleaning with a hose

Technology - Plastics

- Plastics has been regarded as the symbol of wealth with longer life span and convenience in daily life.
- But now everyone is concerning its negative impact to the environment.

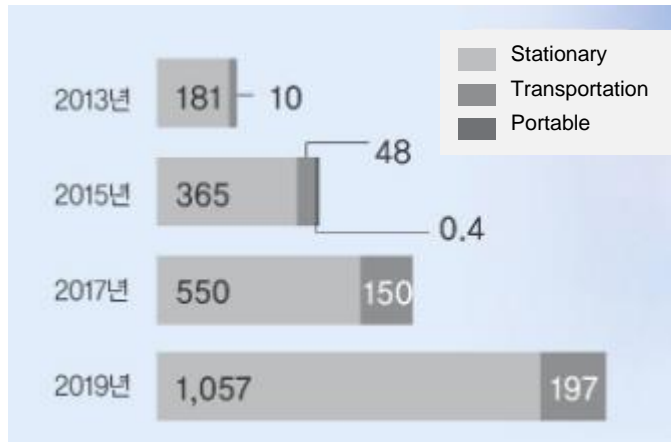


Better Technology – Plastic Recycling

- The Better Future with Sustainability can be achieved with the plastic recycling technologies like AI-enabled recycling robots, chemical recycling processes, and innovative business models.

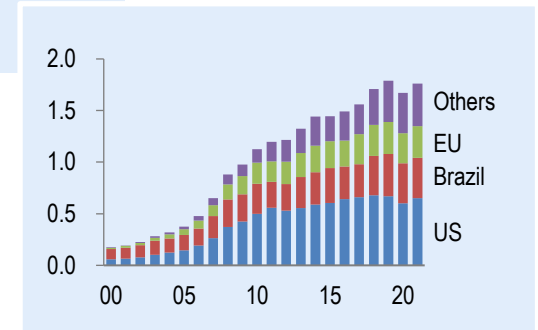
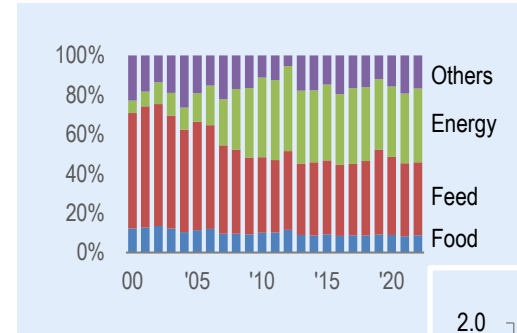
**Technology only is not enough. We need Better Technology.
Plastic Recycling can result in Sustainable Future.**

3. Role of Government



Korean Fuel Cell Market (\$M)

- Korean government initiated the growth of fuel cell market with RPS(Renewable Portfolio Standard) regulation from 2012.



US Corn / Global Bio-Fuel Production (M barrel/day)

- US government initiated the growth of bio-fuel market with the mixed usage regulation for energy from 2005.
- But this causes the shortage of corn for feed and food.

**First role of government is to initiate the new technology and market.
But to check the risks and solve the issues is another role.**

