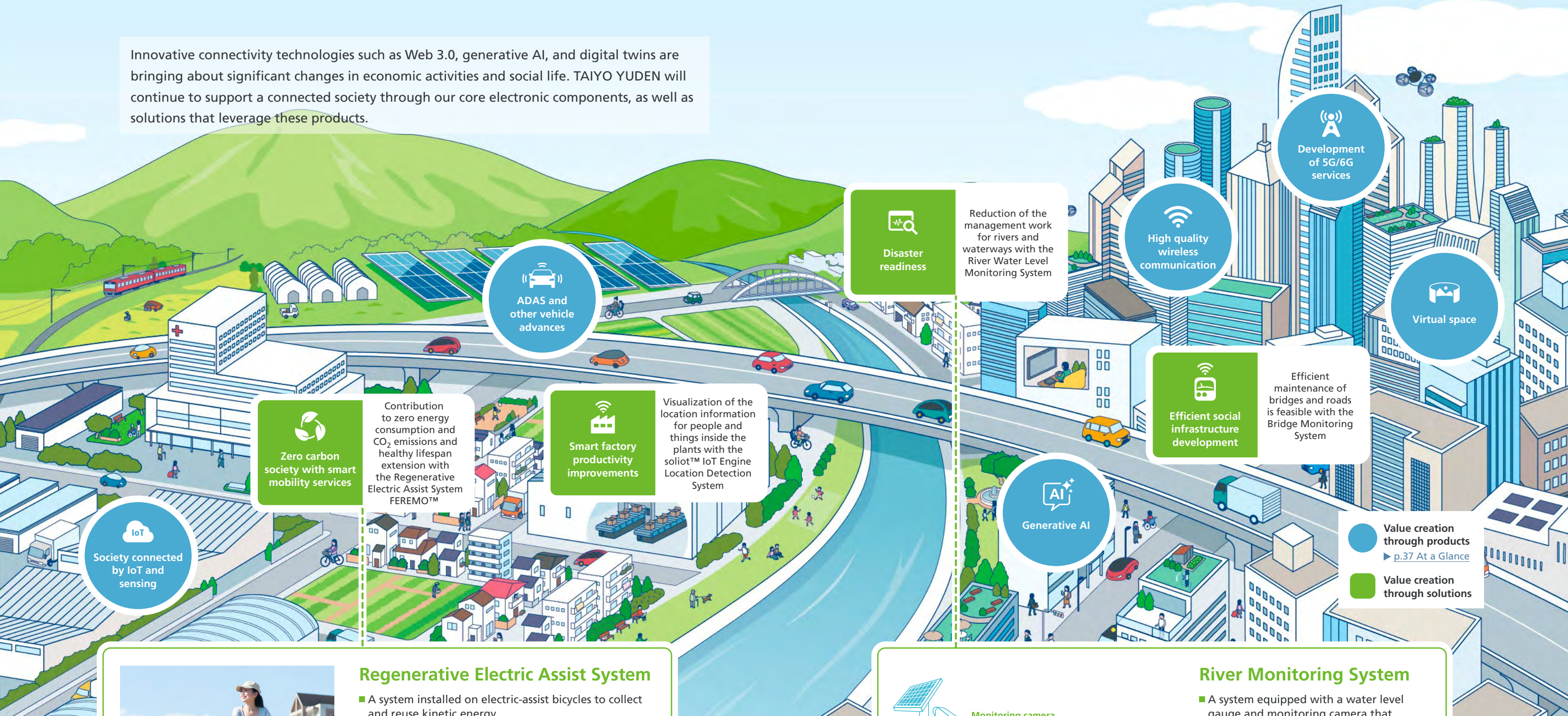


Business Activities that Provide Value

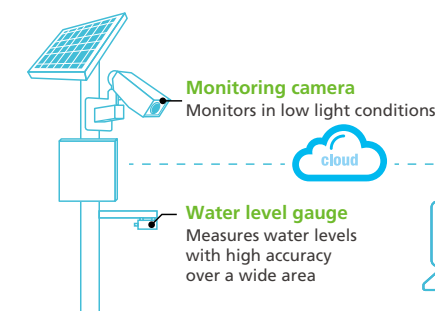
TAIYO YUDEN's Initiatives to Support a Connected Society

Innovative connectivity technologies such as Web 3.0, generative AI, and digital twins are bringing about significant changes in economic activities and social life. TAIYO YUDEN will continue to support a connected society through our core electronic components, as well as solutions that leverage these products.



Regenerative Electric Assist System

- A system installed on electric-assist bicycles to collect and reuse kinetic energy
- During braking or controlling speed while going downhill, the motor generates electricity and charges the battery
- On downhill slopes, regenerative braking is utilized to prevent excessive speed



River Monitoring System

- A system equipped with a water level gauge and monitoring camera that enables remote monitoring of river conditions during heavy rain and other events
- The observed data is uploaded in real time via wireless communication. Water level data and river images are displayed on the same screen, allowing users to monitor conditions from a PC or smartphone