

Industry 5.0 and Society 5.0

Prof.Dr.N.Buket Aksu

Altınbaş Üniversitesi

With the Industry 4.0 revolution, where the industry is digitized, technologies were combined and physical, digital, and biological fields interacted with each other. In this period, many new technologies were developed; with the aid of new systems, the management of factories has become much easier. So, while energy consumption decreased production efficiency increased. The Japanese government, on the other hand, has opened the doors of a new era by starting the "Society 5.0" program in 2015 by going beyond the Industry 4.0 led by Germany. Society 5.0 is concept that, unlike Industry 4.0, focuses on people, not machines. Unlike other countries, Japan does not limit itself to fields such as industry or management, with the "Society 5.0" program, it aims at a new and super-intelligent society that not only includes companies but also the lives of individuals and society. And the goal is to create a society that can solve various social challenges by incorporating the innovations of the fourth industrial revolution such as the Internet of Things (IoT), big data, artificial intelligence, robotics and sharing economy into both different industries and social life.

Some of the objectives put forward by the Society 5.0 philosophy are: Developing solutions to the aging world population; Making the virtual world and the real-world work together; Benefiting from the IoT in the interests of society; To produce solutions for environmental pollution and natural disasters. However, there are certain major challenges to be overcome to achieve these goals like the obstacles in the legal system, scientific gaps in the digitalization of objects, lack of qualified personnel, socio-political prejudices, and social resistance.

As a result, Society 5.0, a period in which all kinds of objects, people and concepts will be connected through data, is approaching. But it is difficult to create such an environment within society because it can be hard to remove oneself from a comfortable situation, thereby the occurrence of innovation. In an era of profound changes, we need to have pioneering resolution and the ability to disrupt stability when necessary. On the other hand, we know that new Generation will have robot friends in their business teams and in order to be strong against the Robots, they have to develop themselves in social and emotional skills.

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