

Meeting: Internet of Things
Committee: Innovation and Creativity of IOT
Country: Vietnam

Globalization has brought a lot of changes on technology throughout the world. It begins with industrial revolution at United Kingdom and its spread to the world. This revolution marks a beginning in innovation on technology. The impacts on social and economic was tremendously great and its change the way how society live from agrarian to industrial sector. It makes people convenient to use it because of technology. Today there a new kind of revolution a 4th industrial revolution or IOT. This new technology use an artificial intelligence on various complex system that human cannot reach. Innovation and creativity was a main approach on every country to pursue their goals toward 4th industrial revolution. Vietnam also don't want to get left behind in a race towards IOT. In the year 2016 many startup rise to enter the Vietnam market since IOT appeared at Vietnam in 2008. It still a developing country but the effort with the great planning that was done by the Vietnam government proof they want also to compete in terms of IOT.

The issue in Vietnam regarding IOT was agriculture sector whereby farmer is still using traditional approach. This is because many farmers are poor and they don't have a money to invest on their farm and the government focuses on developing industry and service. Agriculture sector still much depend on labour and a traditional ways of cultivate a yield not technology like harvest machine and so forth. The farmer also came from small scale production. This give a negative impact on farmer especially in term of income and they trap in a cycle of poverty. Young people in Vietnam are more interested on working in industrial sector compare to agriculture sector despite many young people in Vietnam. Government should make agriculture sector interesting and more relevance to global market and to young people. Despite this matter is a problem in Vietnam, there are small effort that was done by some Vietnam firm to collaborate with Japan company Fujitsu to build a smart farm land. Research and innovation also will be implement here to produce a smart and advance technology on agriculture and it will help the local farmers to use this kind of technology without incur a lot of money.

Vietnam government is aware about this issues and have help farmers to upgrade their livelihood. There are several projects that was being done by the government for example create a high-tech agricultural zones and along with aid from commercial bank to stimulate the agriculture sector with hoping to generate an income and high added value products. The results from this policy was outstanding when GDP growth rate in agriculture sector increase 4.05% and it is the highest for the past 13 years. Stakeholder must integrated to make a best plan on agriculture sector. Participation from the farmers and other stakeholder is important because it can create a consensus solution so the result will satisfied both party. Government must identify a product that is profitable and high value. Competition from other country will remain the same but with the government intervention on high value product, Vietnam can compete with other country. Vietnam have a lot of agriculture land and it can bring a positive impact when it better utilize. Every state that has a fragmented agriculture land and it must be combined to create an estate that can help the farmers to better utilize. Vietnam also plan to develop a "Smart Agriculture". Peoples wellbeing must put a great focus on develop a sustainable policy. Agriculture remain important sector in every farmers because to sustain a food security. Food security is very vital to every humans live in this earth. This IOT can help agriculture sector to produce a product in efficient way. Innovation must put as a main objective towards achieving advance technology and compete with the international level. Technology is the main source of solution to sustain the agriculture despite being affected by external impact for example climate change, scarcity of labour and so forth.