

QUESTIONNAIRE FOR AIDA WORLD CONGRESS, RIO, 2018

New Technologies

(Autonomous Vehicles and Robots- Cyber Risks- New Technologies and Insurance Process)

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I. DRIVERLESS/AUTONOMOUS VEHICLES AND VESSELS

1 Are there any specific laws already adopted in your jurisdiction, or proposals for laws, relating to liability in tort for injuries inflicted by the use of such vehicles or vessels? If so, please provide a short explanation.

Comment: answers may include the liability of drivers, producers of vehicles and the suppliers of satellite technology.

So far, we have not adopted or adjusted any law regard to liability in tort for injuries inflicted by riding or driving AV/driverless vehicles

2. Are there any specific laws already adopted in your jurisdiction, or proposals for laws, relating to compulsory insurance coverage for injuries inflicted by the use of such vehicles or vessels? If so, please provide a short explanation.

Comment: answers may relate to motor vehicle insurance and product liability insurance.

So far, we have not adopted or adjusted any law regard to compulsory insurance coverage for injuries inflicted by riding AV/driverless vehicle

3. How do you envisage the future of personal lines in motor vehicle insurance in the next 5-10 years in your jurisdiction?

Comment: you may wish to comment on the future of motor vehicle insurance and the plans being made by the industry for new products

My personal predicts are those cars will face a new insurance landscape. The actual policy coverage will change to reflect costlier vehicle parts replacement. Therefore claim inflation is going to emerge in next 5 years. Moreover, Automobile Insurance in the Era of Autonomous, vehicles will lead a decline in accident frequency due to safer vehicles and the adoption of autonomous vehicles could shrink the personal autoinsurance sector by 40 percent within 10 years.

4. Driverless cars and autonomous vehicles apart, how do you assess the following technological developments that are expected to not only reshape the auto sector but also the insurance industry around it?

- (a) connected cars (i.e., Internet enabled vehicles, (IEV));
- (b) automated driver assistance systems (ADAS);
- (c) car/ride sharing;
- (d) alternative fuel vehicles.

Comment: answers may include identifying the legal and regulatory regime and provisions in your jurisdiction.

Due to not necessary to revise the current regulations or laws, (a), (b), and (d) are

expected to reshape both the auto sector and the insurance industry in the near future. But to the car/ride sharing, there are many conflicts come from stakeholders in this kind of transportation model. We will spend much time to implement or promote a new concept that we do not need to own a car but always have car available by car/ride sharing model.

II. CYBER RISKS

5. Identify the concerns have emerged in your jurisdiction as a result of cyber risks. Is there any legislation in place or under consideration that might affect such risks?

Comment: possible matters include cyber-terrorism, hacking, computer or software failure and financial fraud.

The possible risks such as cyber-terrorism, hacking, computer or software failure and financial fraud are going to emerge under the new technologies development. However, in Taiwan, only “Personal Information Protection Act” developed in 2015 to protect the personal privacy due to the computer or software failure. Therefore, we have not had a legislation which consider directly cyber-terrorism, hacking, computer or software failure and financial fraud.

6. How has the insurance industry responded to cyber risks? In particular:

- (a) do property policies cover losses from cyber risks, or is special insurance required?
- (b) is insurance and reinsurance readily available?
- (c) are there any special restrictions imposed on cyber risks, e.g. event limits or deductibles?

Only few insurance companies in Taiwan have policy which provide the limited coverage regard to cyber risks.

III. NEW TECHNOLOGIES AND THE INSURANCE PROCESS

7. To what extent have the availability of new technologies affected the way in which insurance policies are placed? In particular:

(a) has there been any effect on the traditional use of agents and brokers?

Because of employing the internet technology, P2P insurance is going popular. Therefore, people no more need to use of traditional agents and brokers to buy insurance.

(b) has the underwriting process been affected by the availability of information, particularly big data, from sources other than the applicant for insurance?

By searching data from social media networking site, many insurance companies is going to improve their underwriting process.

(c) has the means of providing information to policyholders changed significantly, e.g. are written documents provided or are policyholders directed to websites?

By using Blockchain technology, the means of providing information will be changed significantly.

8. To what extent is genetic testing regarded as important by life and accident insurers? Is there any legislation in place or in contemplation restricting requests for genetic information, and are there any relevant rules on privacy that preclude its disclosure?

Life insurance companies have been paid a great attention to genetic testing. However, due to no legislation stipulate on this subject, this is not required information.

Yes, the *Personal Information Protection Act* was enacted in October 2012, Article 6 of this Act stated:

Personal information of medical records, medical treatment, genetic information, sexual life, health examination and criminal records should not be collected, processed or used.

.....

The Act precludes such disclosure.

9. Has the assessment of claims been affected by the availability of data. In particular, are there any industry-wide arrangements in place whereby insurers can share information on fraud?

Normally, the assessment of claims conducted by individual insurance companies based on its corporate SOP. The information sharing mechanism was built while the Insurance Anti-Fraud Institute was established in 2004, the insurance fraud prevention network has been developed since then.

10. Are there any other ways in which the new technologies have affected the insurance process in your jurisdiction?

By using Telematics technology in UBI auto insurance, the insurance pricing process is going to be changed gradually.

IV. OTHER NEW TECHNOLOGY RISKS

11. Are there any other particular risks from new the new technologies that have been identified in your jurisdiction? If so, is there any legislation in place or under consideration to regulate them?

Up to now, there is no other particular risks from new technologies in my jurisdiction.