



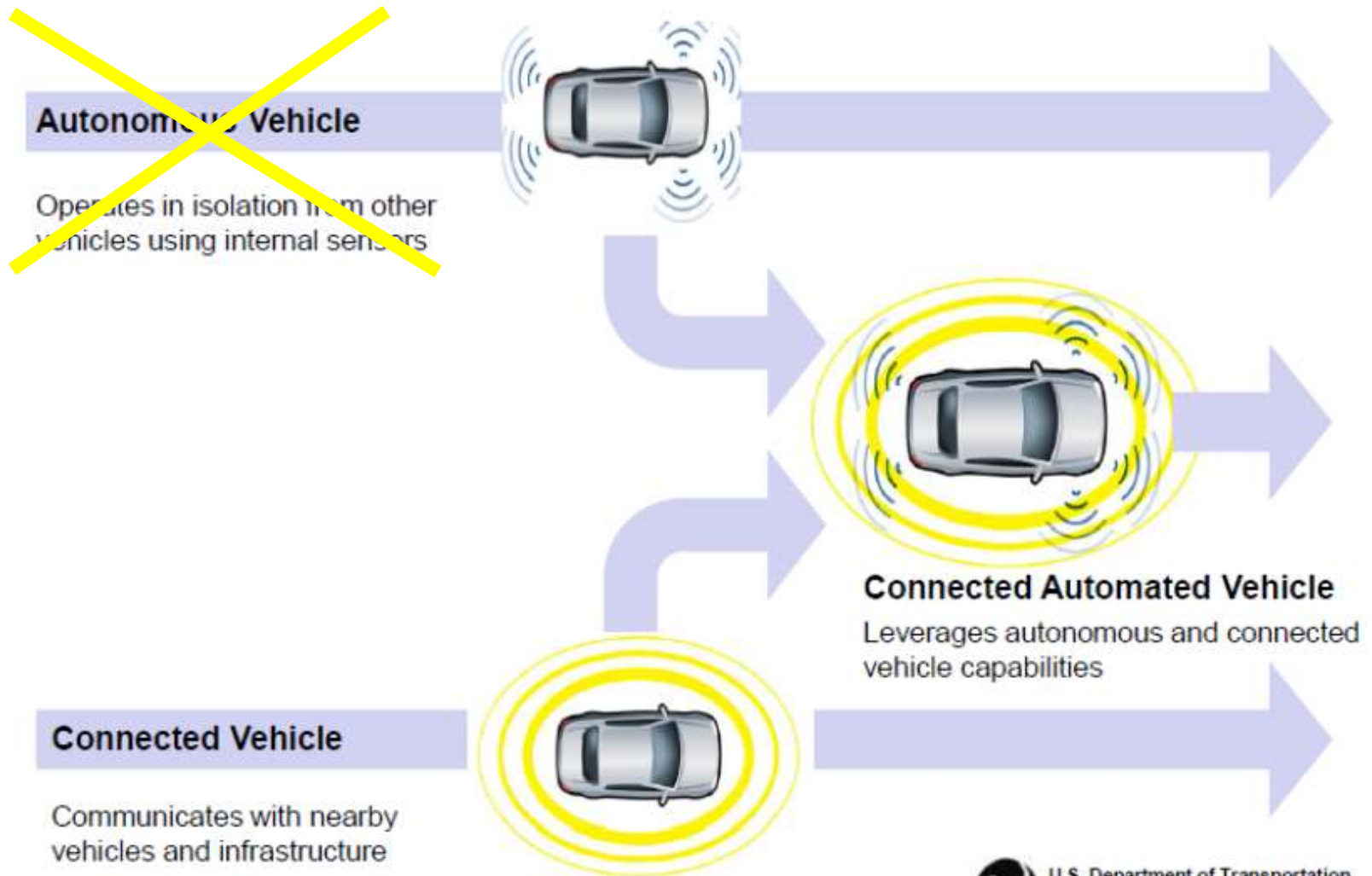
**Global Automakers
of Canada**

Senate Report: Driving Change An Auto Industry Perspective

ITS Canada Annual Conference
June 19, 2018



CONNECTED VS. AUTOMATED



CONTEXT SETTING



BEGINNING OF THE PROCESS



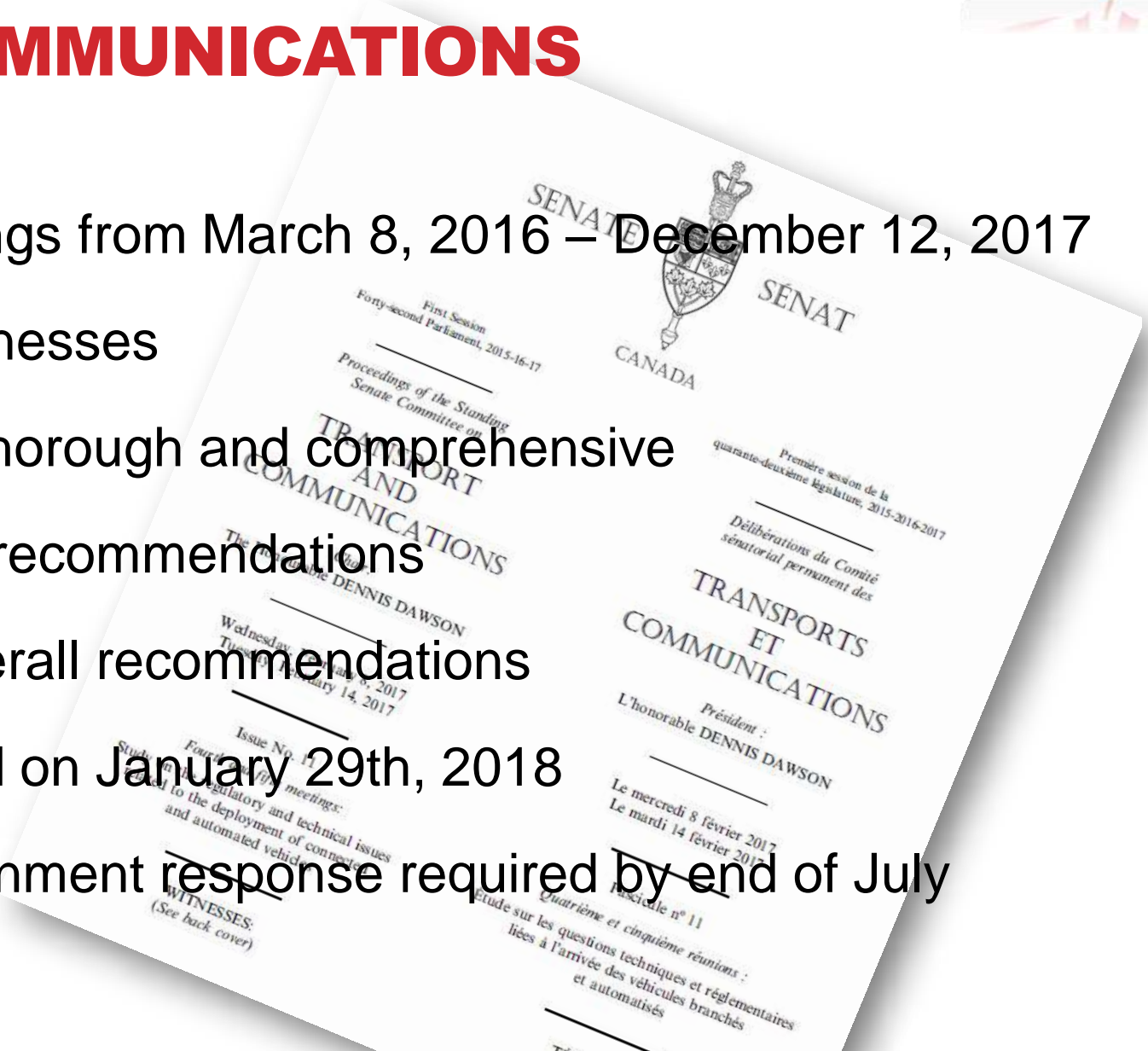
“So today, I would like to request that this committee launch a study on connected and automated vehicles. The aim would be to highlight the regulatory, policy and technical issues that Canada needs to address to successfully deploy these technologies. It would consider the long-term implications and challenges of these technologies, such as impacts on privacy, energy, land use, transportation demand and employment. I’m confident that your work could help to set standards for the development of these vehicles in Canada and other countries.”

*The Hon. Marc Garneau
Minister of Transport
February 17, 2016*

SENATE STANDING COMMITTEE ON TRANSPORT AND COMMUNICATIONS



- Hearings from March 8, 2016 – December 12, 2017
- 78 witnesses
- Very thorough and comprehensive
- 5 key recommendations
- 16 overall recommendations
- Tabled on January 29th, 2018
- Government response required by end of July



CANADA'S POSITION ON AV/CV'S



“Canada is working with the US to enable cohesion across borders; cross-ministerial work is taking place to advance AV/CVs; money from the federal budget earmarked for AI will go to AVs, and safety would be balanced so as not to stifle innovation.”

*The Hon. Marc Garneau
Minister of Transport
April 19, 2017*

FIVE KEY RECOMMENDATIONS



The committee recommends that these organizations create a joint policy unit to coordinate federal efforts to implement a strategy on and connect

The committee also recommends that Transport Canada develop safety guidelines

The committee recommends that Transport Canada, the Communications Security Establishment and Public Safety Canada develop cybersecurity guidance based on best practices and recognized cybersecurity principles.



The committee recommends that the government table legislation to empower the Office of the Privacy Commissioner to proactively investigate and enforce industry compliance with privacy legislation.

SOME GOOD WORK HAS BEEN DONE



AAMVA
American Association of Motor Vehicle Administrators

safety Emerging
Driverless Innovation
Automated
REGULATORY
TRANSPORTATION SYSTEM advances TECHNOLOGY

Jurisdictional Guidelines for the Safe Testing and Deployment of Highly Automated Vehicles

May 2018

VEHICLE STANDING COMMITTEE
AUTONOMOUS VEHICLES BEST PRACTICES WORKING GROUP

THE FUTURE OF AUTOMATED VEHICLES
Report of the PP3
Connected and

GUIDELINES FOR TRIAL ORGANIZATIONS

Prepared by Transport Canada in collaboration with the Canadian Council for Motor Transport Administrators
4/5/2018

PUBLIC DISTRIBUTION

CANADA'S POSITION ON AV/CV'S



- **S2- (MVSA Amendments) passed on March 1, 2018**
- **Provides ministerial authority to make exemptions to facilitate AV technology**

First Session, Forty-second Parliament,
64-65-66-67 Elizabeth II, 2015-2016-2017-2018

Première session, quarante-deuxième législature,
64-65-66-67 Elizabeth II, 2015-2016-2017-2018

STATUTES OF CANADA 2018

CHAPTER 2

An Act to amend the Motor Vehicle Safety
Act and to make a consequential amendment
to another Act

ASSENTED TO

MARCH 1, 2018
BILL S-2

LOIS DU CANADA (2018)

CHAPITRE 2

Loi modifiant la Loi sur la sécurité
automobile et une autre loi en conséquence

SANCTIONNÉE

LE 1^{er} MARS 2018
PROJET DE LOI S-2

QUESTIONS?



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