

Memorandum of Understanding on the Establishment of the

China–U.S.–Netherlands ZEV Policy Lab

between

The Regents of the University of California,
on Behalf of its Davis Campus

and

China Automotive Technology and Research Center

and

the Ministry of Infrastructure and Water Management
of the Netherlands

This Memorandum of Understanding (MOU) is signed among the China Automotive Technology and Research Center, The Regents of the University of California, on behalf of its Davis Campus, and the Ministry of Infrastructure and Water Management of the Netherlands (hereinafter referred to as “the Cooperative Partners”). Based on the principle of equality and mutual benefit, and with the support of the California Air Resources Board (CARB) and the Industry Coordination Bureau of the National Development and Reform Commission (NDRC), People’s Republic of China, the Cooperative Partners will conduct joint research through the establishment of the *China–U.S.–Netherlands ZEV Policy Lab* to provide strong intellectual support to the development and cooperation of the zero emissions vehicle (ZEV, also known as new energy vehicle) industry.

1. The Cooperative Partners

The China Automotive Technology and Research Center (CATARC) was established in 1985 based on the directive of the Chinese government’s China National Science and Technology Commission. CATARC was created in response to China’s need to manage its auto industry. CATARC is now affiliated with the State-owned Assets Supervision and Administration Commission of the State Council (SASAC). CATARC’s Automotive Industry Policy Research Department is the research center specializing in automotive industry and related policy research at CATARC.

The University of California, Davis is one of the top public research universities in the United States. The UC Davis Institute of Transportation Studies (ITS-Davis) is a global leader in pioneering technical and policy initiatives to promote sustainable transportation in general, and

Chinese Ministry of Transport). International cooperation with China regarding electric vehicles has mainly taken place in the context of the Clean Energy Ministerial and Electric Vehicle Initiative.

As part of a broad, high-level mission to China, UC Davis' Yunshi Wang and CATARC' s Yonghe Huang and Bin Liu participated in the G2G workshop with the State Secretary for Infrastructure and Water Management of the Netherlands, Ms. Stientje van Veldhoven, on April 12, 2018 in Shanghai. They explicitly discussed how China, California, the Netherlands and possibly other countries could work together more to accelerate the greening of transport. They concluded that establishing a trilateral framework to intensify the exchange of ZEV policy experiences based on the China-U.S. ZEV Policy Lab was the best way forward.

Therefore, the Cooperative Partners proposed to establish the China–U.S.–Netherlands ZEV Policy Lab.

3. Mission

The mission of the China–U.S.–Netherlands ZEV Policy Lab is to strengthen the exchanges and cooperation in the new energy and zero emissions vehicle policy area between the U.S., the Netherlands and China through organizing events for exchange of information and joint research.

4. Organization Structure and Lab Name Display

The China–U.S.–Netherlands ZEV Policy Lab will be organized as follows:

Executive agencies:

The Chinese executive agency is the Automotive Industry Policy Research Department of CATARC, led by CATARC's executive in charge of new energy vehicles. The U.S. executive agency is ITS-Davis. The director of C-CET will be in charge on its behalf. The Netherlands executive agency, on behalf of the Netherlands' Ministry of Infrastructure and Water Management, is RWS. More specifically the department of Sustainable Mobility, Energy and Climate. The RWS director in charge of sustainable mobility will be in charge on its behalf.

Staff:

The China–U.S.–Netherlands ZEV Policy Lab will be staffed by researchers from the Cooperative Partners.

Board of advisors:

Overseeing the China–U.S.–Netherlands ZEV Policy Lab is the Board of Advisors, composed of officials from the government agencies in charge of ZEVs/new energy vehicles in the Cooperative Partners and of relevant senior experts. The principal official from the Industry Coordination Bureau of the NDRC, the principal official from CARB and the principal officer from the Ministry of Infrastructure and Water Management will be invited to be co-chairs of the Board of Advisors. The members of the Board will also include CATARC's deputy director; director of ITS-Davis, director of ITS-Davis' Plug-in Hybrid & Electric Vehicle Research Center; director (or representative) of RWS; director of Coast to Coast Smart e-Mobility; and representatives from major international and Chinese vehicle and energy companies. The Board of Advisors will meet

The China–U.S.–Netherlands ZEV Policy Lab will also examine its coordination with the International ZEV Alliance, exploring a global ZEV credit trading regime to increase the coordination and scale-up of global ZEV development.

5. Funding Sources and Management

The research and operation funding sources for the proposed China–U.S.–Netherlands ZEV Policy Lab are envisioned as follows:

- Project-based research funding will be raised by each Cooperative Partner. The Cooperative Partners will support each other's funding requests. Funds raised by each Cooperative Partner will be distributed by the Cooperative Partner that raised the funds in support of the joint work of the China–U.S.–Netherlands ZEV Policy Lab. Funding will be allocated subject to the limitations of applicable laws. Allocation principles will be determined before the funding is received in support of the joint projects of the China–U.S.–Netherlands ZEV Policy Lab. Funding sources may include government agencies, private foundations, and Board of Advisors member companies.
- Each Cooperative Partner will bear its own costs relative to participation in this MOU. This MOU cannot create any financial obligations between the Cooperative Partners. Any funding obligations between the Cooperative Partners will be the subject of separate and distinct research funding agreement(s) signed by all Cooperative Partners and will include all applicable financial obligations, intellectual property publication, confidentiality and export control provisions that are not included in this MOU.

6. Duration, Termination, Extension, and Amendment

- *Duration and Termination:* This MOU will become effective on the date of signature of all Cooperative Partners and will be valid until December 31, 2020. By becoming effective, this MOU will replace the existing MOU on the establishment of the China–U.S. ZEV Policy Lab. Each Cooperative Partner may terminate his participation to this MOU by giving two (2) months advance written notice to the other participant.
- *Extension and Amendment:* The Cooperative Partners may extend the duration of this MOU or amend this MOU by mutual agreement, confirmed in writing and signed by all Cooperative Partners.

7. General Matters

- *Public Announcements:* The Cooperative Partners will coordinate with each other when making public announcements concerning this MOU or regarding negotiations conducted with a view of entering into a subsequent binding agreement with each other.
- *Notices:* The Cooperative Partners will give all notices under this MOU in writing. All notices between the Cooperative Partners will be sent to the addresses set forth below or to such other address designated by the Cooperative Partners. Notices are effective upon receipt.

Signed, in the English language.

For:

CHINA
AUTOMOTIVE
TECHNOLOGY AND
RESEARCH
CENTER

By: Kuijun Chang

Date: Sep 12, 2018

For:

THE REGENTS OF THE
UNIVERSITY OF
CALIFORNIA, ON
BEHALF OF ITS DAVIS
CAMPUS

By: [Signature]

Date: 9/12/2018

For:

THE MINISTRY OF
INFRASTRUCTURE AND
WATER MANAGEMENT
OF THE NETHERLANDS

By: R.A. Lapperre

Date: 12/7/2018