SUMMARY

ZEV-Alliance
ANNUAL ASSEMBLY
18/19 May, the Netherlands
“The worldwide climate transition is being put into motion in all sectors and at all levels – national, regional and local. This transition will continue and pick up pace. It requires new, meaningful and fruitful cooperation between all parties: nations, regions, cities, knowledge institutions and society.”

“Next week I’ll be visiting California, where many innovative, inspiring companies like TESLA have their roots. And where I’ll co-host an international conference organised in partnership with the State of California. I took the initiative of organising this conference because I want to bring home the importance of working towards the goals of the Paris Climate Agreement and the economic opportunities we can unlock by investing in climate innovation.”

“One of the main issues to be discussed at the conference will be sustainable transport. As I just said, California is one of the world’s leading innovation hubs. So I’m pleased we were able to sign up as two of the first parties to the Under2 MOU in 2013. More than a hundred subnational governments around the world have joined the Under2 Coalition – pledging to cut their emissions to less than eighty to ninety-five percent of their 1990 levels by 2050”.

Sharon Dijksma
Minister of the Environment
Irene Mouthaan
E-mobility in the Netherlands

Our ambitions for the future in the Netherlands:
• 2020: 10% newly registered cars have e-drivetrain
• 2025: 50% newly registered cars have e-drivetrain of which 30% is BEV
• Nationwide network of charging points
• Netherlands is a frontrunner in e-mobility 2020: >10,000 FTE in EV sector
• EVs attractive for consumer market
• More e-driven kilometres for PHEVs
• In 2025 all new busses in public transport are zero emission.
• In 2030 all busses in public transport (5000) are zero emission.

Working with the Green Deal 2016-2020: a voluntary agreement between private parties and central government with clear roles and actions for both participants and central government to achieve green growth.

The Zero Emission City Logistics Green Deal aspires to make city Logistics as emission-free as possible by the year 2025.

Through Living Labs (regional pilots) public and private parties are now looking together what is needed and were ‘zero emission’ delivery is possible.
Maarten Linnenkamp
Smart E-mobility in the Amsterdam Metropolitan Area

What happens when you don’t regulate on charging?

Cost development charging points
The Dutch government is working together with the private sector to develop self-driving vehicles, and to improve in-car traffic information for drivers. This will reduce congestion and CO\textsubscript{2} emissions, and improve road safety.

Data is vitally important in this, so a lot of work is being done to improve data transmission and data quality. The Netherlands wants to take the lead in new initiatives like the Internet of Things, smart cities and connectivity.
EV-Box was founded in The Netherlands in 2010. At the time, the market for electric vehicles (EVs) was still in its infancy. In the last five years, EV-Box has grown to become the market leader, with over 40,000 charging stations across the globe.

The concept was clear: a charging station with fully modular construction, ready to facilitate the explosion of the EV market, while simultaneously providing uncompromising quality and durability. As a continuous technology & innovation industry player, EV-Box is now the largest producer and supplier of charging stations for electric vehicles and related cloud-based services worldwide.
U-OV is the Public Transport Organization in Utrecht. In the allocation of new busses it has a focus on zero emission. They are the first in the Netherlands with a extraordinary introduction procedure. The goal is to make electric bus driving as easy as it is in a normal bus. They introduced a new induction (wireless) charging system with which it is possible to charge the bus on bus stops and the buses ‘take a sip’ of charge to top up in the short period while passengers are getting off and on.
The secret of the Utrecht –way: just do it!
• Discourage highly polluting behavior (e.g. environmental zones);
• Picking up and facilitating opportunities and brilliant ideas, linking these with (new) financial resources;
• Link parties – local and national - together in a deal/proposition;
• Sharing knowledge and experience, from local to (inter) national level;
• Exert pressure on national government to change restrictive regulations.

And: dare to make mistakes!

Sophie Gunnink
City of Utrecht
Robin Berg of LomboXnet is a true innovator. With his company he makes innovations accessible for inhabitants of the Lombok neighborhood in Utrecht, like speed internet access via optical fiber since 2005. For several years now, Berg is also working on smart solutions for mobility, in which solar energy is used.

In Lombok, Utrecht Berg started several initiatives to make use of solar energy. One of the initiatives is ‘Smart Solar Charging’, the first sunpower-controlled charging station en V2G-system in the world. This project makes use of the sun to charge electric cars and at night the car battery can also be slowly depleted. The charging station works almost on 100 % solar energy.

The initiative of the Smart Solar Charging in Lombok might be small, but is reusable in other parts of the world. Berg will keep innovating with new technology. ‘Making use of the sun with new technology is necessary to keep the world a good place to live’. 
Open Standards are key!

• Through open cooperation and social development ideas and solutions are shared, challenged, improved upon and finally adopted and supported by all.

• Open development allows for competition of many players, pushing all parties to be the best they can be.

• Open development allows for inclusion of new entrants, bringing ideas, solutions and capabilities from other, perhaps more advanced industries into existing industries.
Eigen auto moet eerst geloven
May 19 ZEV Alliance Assembly

The ZEV Alliance meets in Amsterdam for its second annual in-person Assembly. The ZEV Alliance governments discuss progress and challenges in the implementation of their respective ZEV action plans. The discussion topics included technology trends, and best practice policies regarding charging infrastructure and zero-emission heavy-duty vehicle programs. They also discussed their priorities, work to date, ongoing activities, and plans to continue the implementation of the ZEV Alliance’s commitments in 2017 and 2018.

Program

08.15 Welcome, brief member and guest introductions
09.10 Recap of ZEV Alliance collaboration
09.20 Tour de table. Highlights from ZEV Alliance governments
10.10 Observers introduce themselves
10.50 Secretariat presents global ZEV trends, introduces 2017 focus areas
11.05 Discussion of related in-jurisdiction activities for 2017
12.00 Lunch
01.30 Discuss annual workplan and organizational questions
03.30 Membership, funding, communications, 2018 in-person meeting
04.20 Anticipated 2017 schedule ZEV Alliance and other meetings
04.40 Brainstorm 2018 focus area activities
05.00 Action item summary
05.30 Closing
Recap of ZEV Alliance 2015-2017 collaboration

Collaborative agenda

- Principles for incentive design
- Evolution of incentives
- Next-generation ZEV technology
- Zero-emission heavy-duty vehicles
- Hydrogen infrastructure practices
- Charging infrastructure practices
- Consumer outreach best practices
- Utility ZEV best practices

ZEV role in global climate mitigation

- 2015
- New York Launch Announcement
- Paris COP21 Announcement
- Montréal Assembly
- Amsterdam Assembly
- 2016
- 2017
Helmut Morsi
DG MOVE
European Commission

Report to ZEV Alliance members on the Trans-European Networks (TEN) support for European charging infrastructure
And looking forward to more collaboration ahead on the road toward zero-emissions!