

# Vision Zero Academy – Annual Report 2022



# VISION ZERO ACADEMY

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## Introduction

Vision Zero is an important part of the work with Agenda 2030 and in being able to create a sustainable society in the long run. In autumn 2016, the Swedish Transport Administration was commissioned by the government to lead the overall collaboration on Vision Zero. An important aspect of this assignment is to manage, develop and spread knowledge about Vision Zero as a road safety policy both nationally and internationally.

In order to create a platform for the international work, the Swedish Transport Administration in 2019 decided to transform the Vision Zero Academy project into the regular operations. Since then, the work has gradually developed, and after two years of mainly virtual meetings due to the pandemic, 2022 was the year when the world slowly started to open up again and we were finally able to have some in-person meetings again. In 2022, we continued to build on the last years' developments on a global level, with the *UN resolution on Implementing Global Road Safety* and the *Global Plan for the Second Decade of Action for Road Safety* supporting us. In autumn, we started planning the fourth international *Vision Zero Conference*, a high-level policy conference on road safety and the Vision Zero, which builds on the Stockholm Declaration and the Global Plan. The conference will take place in Stockholm at the end of June 2023. The Vision Zero Academy is at the heart of the planning of this conference, which means we will be rather busy with the organisation and planning the first half of 2023, so you might see a bit less of us at other arenas during this period. However, we are certain it will be worth our while, and we look forward to meeting many of you in person in Stockholm in June.

In 2022, we finally carried out our *Vision Zero International Course* again, with road safety professionals from different corners of the world joining us in Gothenburg for a week. Another highlight of the year is that a *Memorandum of Collaboration* (MoC) was signed between the Vision Zero Academy and the safety and mobility unit at the World Health Organization. This MoC further deepens and advances the collaboration between our organisations.

This document gives an overview of some of the activities we have carried out the past year.

*Vision Zero Academy*

### Vision Zero Academy's secretariat 2022



**Eva Björk**  
*International Operations  
Manager VZA*



**Kenneth Svensson**  
*Special Advisor on  
Road Safety*

## CHAPTER

### Training, education & policy cooperation

#### The Stockholm Declaration, the UN resolution and the Global Plan – what's next?

In February 2020, Sweden hosted the *Third Global Ministerial Conference on Road Safety*. Shortly after, the pandemic struck and most of the world closed down. Despite the pandemic, progress has been made on the global road safety policy scene. In 2020, the UN General Assembly adopted a *resolution on improving global road safety* and in 2021, the WHO launched the *Global Plan for The Second Decade of Action for Road Safety*. In 2022, a *High-level meeting on Road Safety* was convened, for the first time ever, in the UN General Assembly. These are all important steps in putting road safety higher on the political agendas worldwide. Sweden, the Swedish Transport Administration and the Vision Zero Academy have been, and will continue to be, active contributors in this work.



In autumn 2022, it was decided that the Swedish Transport Administration will organise, in collaboration with the Government Offices of Sweden and the Swedish innovation agency Vinnova, and in collaboration with the WHO, an *international high-level policy conference on the Vision Zero* in June 2023. It is time to regain the momentum and to take the next steps in our joint strive for a safer road transport system around the world and to take road safety to the next level.

This conference will provide an opportunity for international knowledge sharing, capacity building, networking and inspiration on road safety and the Vision Zero. We look forward to welcome high-level representatives from government authorities, international organisations, private sector, academia, policy makers, NGOs, and development banks to Stockholm and to exchange knowledge, experiences, and discuss the way forward in order to reach the global goals.

#### Vision Zero International Course 2022

For the past couple of years we have been forced to cancel our Vision Zero International Course due to the pandemic. Perhaps this made it even more special when we were finally able to meet up in person with dedicated road safety professionals from all over the world and to share experiences, best practices and knowledge on road safety and the Vision Zero. The course took place in Gothenburg, Sweden, from the 12<sup>th</sup> to 16<sup>th</sup> of September 2022. We had participants from El Salvador, Peru, USA, Australia (and Tasmania), United Arab Emirates and Romania. The participants met more than 30 experts from the Swedish Transport Administration, Swedish Transport Agency, the Swedish national road and transport research institute (VTI), the Swedish Ministry of Infrastructure, the Swedish Police, universities, the World Health Organization, NGOs, representatives from Swedish industry

and the City of Gothenburg. The experts shared their knowledge and insights in this important field of work, with the very engaged, dedicated and active delegates at the course.



*Vision Zero International Course 2022, Gothenburg*

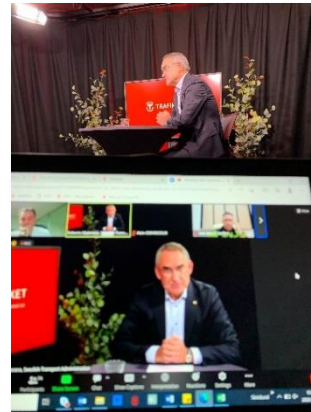
## Memorandum of Collaboration with the WHO

In spring 2022, Vision Zero Academy received a request from the World Health Organization (WHO) regarding a collaboration agreement on road safety and the Vision Zero. In short, the agreement deals with cooperation on common priorities linked to the road safety related sustainable development goals; to develop and deepen the relations between the organisations; and to contribute to the implementation of the Global Plan on Road Safety. The agreement does not contain any "must-dos" but it is intended to facilitate cooperation in various contexts, such as opening up to use each other's experts in different contexts as well as when conducting, for example, conferences, courses and the like. Vision Zero Academy is very happy about the opportunity to formalise the collaboration with WHO and sees that the agreement further strengthens the VZA's legitimacy in the outside world and it reinforces the Swedish road safety in an international context. Both parties signed the agreement at the end of November.

## Launch of WHO's Global Network of Heads of Road Safety Lead Agencies

On December 14<sup>th</sup>, the Vision Zero Academy had the pleasure to accompany the Swedish Transport Administration's Director General *Roberto Maiorana* at the launch of the World Health Organization's *Global Network of Heads of Road*

*Safety Lead Agencies*. The main purpose of the network is to support the implementation of the Global Plan for the Decade of Action for Road Safety 2021-2030. Roberto took part in the panel discussion, and in his speech he welcomed the initiative by the WHO to set up this important network, and he underlined the importance of having a lead agency to achieve success in the road safety work. He also emphasised that road safety can never be a "one man show" and that collaboration



between the different actors involved in road safety is a key factor. Around 100 countries participated in this inaugural meeting of the network and we got to hear inspiring road

safety examples from all corners of the world. Trafikverket and the Vision Zero Academy look forward to actively contribute to this new global network and to collaborate with the WHO and other lead agencies from all over the world in our joint strive for safer road transport systems.

## United Nations Road Safety Collaboration

The Vision Zero Academy has actively taken part in the work of the *UN Road Safety Collaboration* (UNRSC) throughout the year, in the regular meetings of the group and in various *ad-hoc* activities.

## Vision Zero Challenge (VZC)



Vision Zero Challenge is a global partnership focusing on challenging cities and leaders around the world to move from visions to implementation in the field of road safety. The *World Resources Institute* (WRI) coordinates the partnership, which in addition to Vision Zero Academy consists of international actors such as the FIA Foundation, Fundación Gonzalo



Rodríguez, the World Bank's Global Road Safety Facility (GRSF), Inter-American Development Bank, International Transport Forum (ITF), Latin NCAP, and Towards Zero Foundation.

After two very active VZC-years, in 2020 and 2021, when various webinars and knowledge exchange activities were conducted, the activities have been resting in 2022. However, the Municipality of Lima, Peru, winner of the VZC 2021 – was awarded a place at the Vision Zero Academy's *Vision Zero International Course* in 2022. Lima sent their Road Safety Coordinator, *Milagros Ramos La Torre*, to attend the course in Gothenburg.

### IKEA & procurement

IKEA works with road safety as part of their Agenda 2030 work and they are working on including a Vision Zero perspective in their value chains. The Swedish Transport Administration and VZA has previous years been supporting them in their journey by discussions and webinars in order to give an overall perspective and to create understanding and knowledge of the Vision Zero. In September 2022, we were happy to see that the person in charge of the integration of Road Safety into IKEA's Agenda 2030 work participated in the *Vision Zero International Course* in order to get deeper understanding of the principles behind the Vision Zero/Safe System approach. During 2022, VZA has also collaborated with IKEA in connection with the new ITF and World Bank working group "*Advancing Safe System Implementation*" (see below).

### Project with ITF and the World Bank

The International Transport Forum (ITF) and the World Bank are coordinating a project on implementation of the Vision Zero in low- and middle-income countries (LMIC). The ITF has previously produced two publications on the Safe System and Vision Zero. A third publication was released in 2022, [the Safe system Approach in Action](#), in which a theoretical framework to guide those seeking to implement the Safe System approach was presented. The Safe System framework describes how to improve the safety of roads, vehicles, road-user behaviour and other

road-safety pillars through the various key components of a Safe System. In 2022, a new working group on "*Advancing Safe System Implementation*" was set up by ITF and the World Bank in which VZA is one of the partners. This new working group will review the practical use of the Safe System framework that was described in the 2022 report through a selection of pilot projects. The working group will use the framework to assess and improve the Safe System components of these projects. IKEA has agreed to be one of the pilot projects and VZA will together with IKEA see if the Safe System framework, with some modifications, can be of practical use for a private company.

### Meeting with the Global Road Safety Facility in Stockholm

In June Mr. *Said Dahdah*, who is the Head of the Global Road Safety Facility (GRSF) and Global Lead for Road Safety at the World Bank visited Stockholm. The Vision Zero Academy had the pleasure to organise a meeting for Mr Dahdah, with representatives from the Swedish Ministry of Infrastructure, the Swedish International Development Agency (SIDA) and the Swedish Transport Administration's road safety director,



*Stefan Jonson, Cristina de Carvalho Eriksson & Said Dahdah*

head of road safety unit and a representative from the VZA. During the meeting, Mr Dahdah presented the work of the GRSF and we discussed the global road safety development and possibilities for collaboration.

### Collaboration within Europe

*European Launch of the Global Plan on Road Safety*  
On 10<sup>th</sup> February 2022, the World Health Organization's regional office for Europe organised a webinar on the implementation of the Global Plan for the Decade of Action for Road Safety 2021-2030. The panel consisted of *Serghei Diaconu*, state secretary of the Republic of Moldova; *Matthew Baldwin*, the European

Coordinator of Road Safety of the European Commission; *Nora Suyanalieva* representative of the Prolex public fund Kyrgyzstan; *Liljana Čela* of the Transport community Western Balkans and Vision Zero Academy's *Eva Björk*.



The panel discussed the road safety progress since the global ministerial conference held in Stockholm in February 2020 and how to regain the momentum in the global road safety work after the slowdown and interruptions caused by the pandemic. In addition, European leadership and what Europe has to offer to the rest of the world in the field of road safety, and the big gaps between the countries in the European region was discussed. The webinar was moderated by *Jonathon Passmore* from WHO's regional office for Europe and *Matts-Åke Belin*, global coordinator of the implementation of the Second Decade of Action for Road Safety at the WHO, provided the closing remarks.

#### European Roads Policing Network (ROADPOL)

At the end of September, four Vision Zero Academy experts travelled to Madrid to hold a one-day Vision Zero workshop for the European Roads Policing Network (ROADPOL). The overall target of ROADPOL is to reduce the number of fatalities and serious injuries on the roads. Police officers from around 40



VZA experts *Eva Björk*, *Lars Ekman*, *Peter Larsson* & *Kenneth Svensson*

countries, from Europe and beyond, attended the workshop. The Swedish Police, which is an active member of the network, initiated the workshop.

During the day, we went through the basics of the Vision Zero working methods and interventions. We discussed the global road safety framework, kinetic energy and the human biomechanical limits, speeding, suicides in the transport system, road design, road safety cameras, management by objectives, safe vehicles, vulnerable road users, and collaboration between stakeholders, to mention some of the topics. We believe collaboration is key in achieving safer road transport systems and the police authorities are very important actors in reaching this objective. The workshop took place at the *Guardia Civil España's* headquarters in Madrid.

#### EU Road Safety Results Conference

In December, the European Commission's Directorate General of mobility and transport (DG MOVE) organised the annual *EU Road Safety Results Conference*. The Vision Zero Academy attended the conference in Brussels. The conference provided a great opportunity to meet up with other EU member state representatives and the wider European road safety community, to discuss, analyse and exchange on the current state of play of the road safety development in Europe and the important next steps towards Vision Zero. There was an impressive line-up of speakers at the conference and it covered many relevant areas. *Henrik Hololei*, Director General at DG MOVE, *Elena Kountoura*, Member of the European Parliament and *Martin Kupka*, Minister of Transport of the Czech Republic opened the



*Adina Vălean* & *Jean Todt*

conference and the closing remarks were held by *Adina Vălean*, European Commissioner for Transport and *Jean Todt*, the UN Secretary General's Special Envoy on Road Safety.

### Baltic Vision Zero Conference

The Vision Zero Academy hosted the fourth Baltic Vision Zero Conference in December. Previously, in 2018, 2019 and 2020 the conference has been organised in Vilnius, Tallinn and Riga. This year's theme was *Vision Zero in a changing world*, and the conference dealt with the next steps towards zero. The pandemic has led to unprecedented changes in our societies, which also has had an impact on road safety and modal choice. The conference was organised in close co-operation with Vilnius Gediminas Technical University (Lithuania), Tallinn Technical University (Estonia), Riga Technical University (Latvia), Lithuanian-Swedish Academy (Lithuania), Gdansk Technical University (Poland), KTH Royal Institute of Technology (Sweden), and the Swedish National Road and Transport Research Institute (VTI).



Stefan Jonsson, Lars Ekman & Henok Girma Abebe, KTH

Vision Zero Academy's *Lars Ekman* moderated the event. Speakers at the event were representatives from the organising partners, as well as the DG MOVE, WHO, IKEA and the European Transport Safety Council (ETSC). The 2022 edition of the conference was held in an online format and more than 130 participants from around 30 countries attended the event.

### Lithuania

#### *Lithuanian Transport Safety Administration visits Sweden*

In 2018 a Memorandum of Understanding (MoU) was signed between the Lithuanian Ministry of Transport and Communications and its Swedish counterpart ministry on cooperation in the field of transport, traffic safety and Vision Zero. Since then, various collaboration and

knowledge sharing activities on a variety of topics have taken place. The pandemic has made it difficult to meet in person for the past couple of years, but on 26-27 April 2022, the Vision Zero Academy was happy to be able to welcome a delegation of road safety experts from the Lithuanian Transport Safety Administration to Stockholm. Various topics were discussed these two days, amongst others we delved into data-driven safety approach, in-depth studies of fatal crashes, vulnerable road users and road design – all in a Vision Zero perspective.



Lithuanian & Swedish experts in Stockholm

The meeting took place at the Swedish Transport Administration's offices in Stockholm. The delegation also met the City of Stockholm, who took them along to a study visit by bike, to have a closer look at interesting road safety solutions in a city environment.

### Western Balkans

#### *VZA attended capacity-building event in Sarajevo*

In June 2022, the Vision Zero Academy expert *Kenneth Svensson* attended the Transport Community's Capacity Building Summer School 2022 in Sarajevo - a training programme partly dedicated to road safety. The Transport Community is an international organisation in the field of mobility and transport, consisting of 33 participants; the EU member states and the six Western Balkans regional partners. The participants at the summer school were mainly representatives from the Ministries of Transport and Road Authorities from the six Western Balkans countries; Albania, Bosnia and Herzegovina, Kosovo, Montenegro, North Macedonia and Serbia. The countries have through the Transport Community adopted a



Road Safety Action Plan which promotes road safety management, safer infrastructure, and protection of road users. The actions in the plan strive to support the zero fatalities objective, and to encourage regional best practice examples.

During the Capacity Building Summer School Mr Svensson gave an introduction to the Vision Zero, highlighting the importance of a data-driven approach and describing how injury data makes it possible to understand the major problems, to prioritize, evaluate the traffic safety measures and to follow trends and developments. He also emphasized the importance of collaboration between road safety stakeholders and authorities, and how various actors can contribute to the work.



*Capacity Building Summer School event in Sarajevo*

Some of the main problems in road safety in the Western Balkans are speed compliance and seatbelt usage. During the course these issues were discussed with engaged participants. It is essential to work with speed management, understanding that human tolerance of trauma needs to be the basic parameter in the design of the road transport system, including setting speed limits. The Vision Zero Academy is happy to see all of the efforts to improve road safety in the Western Balkan countries, through the various measures in the Road Safety Action Plan and the different activities we had the chance to discuss throughout the course. Thanks a lot to the Transport Community and the Western Balkans Road Safety Observatory for inviting us.

## Spain

*Technical delegation from Catalonia visited Sweden*  
On 16-18 May 2022, a delegation from the *Digital Policies and Territory Ministry of the Government of Catalonia* (Generalitat de Catalunya) came to Sweden to deepen their knowledge about the Vision Zero in general and 2+1 roads in

particular. The ministry is working on boosting their 2+1 Road Plan and their road safety work and in that context a small technical delegation visited the Vision Zero Academy to learn first-hand about the Swedish Transport Administration's experiences in the construction and design of 2+1 roads.



*Catalonian delegation in Stockholm*

The visit consisted of meetings with a number of road safety experts at the Swedish Transport Administration's offices in Stockholm and a field visit to have a closer look at interesting road safety solutions, roundabouts, urban and rural roads and road environment in the surroundings of Malmö. The delegation also had a meeting with Business Sweden and a discussion with the CEO at Univrses about their technologies for autonomous systems.

## *European Road Safety Summer School*

On July 4-7, the 2022 edition of the European Road Safety Summer School took place, also this year in an online format. This annual five-day summer school is free of charge and focuses on an integrated approach to road safety. Topics that were covered throughout the course were the global road safety situation and the UN Sustainable Development Goals; road infrastructure, data and vehicle technology; the European Framework and the Commission's road safety and mobility initiatives, to mention a few. The Swedish Transport Administration and Vision Zero Academy's Dr. *Lars Ekman* was one of the lecturers of the course and he shared his knowledge with the participants on the visions and strategies behind the safe system approach.

## Portugal

### *European exchange on road safety and infrastructure solutions*

In the framework of the *EU Road Safety Exchange*, funded by the European Parliament and led by the European Commission, a Portuguese delegation with representatives from the National Road Safety Authority (ANSR) and Infraestruturas de Portugal, accompanied by European Transport Safety Council (ETSC) and the European Commission, visited Sweden in May 2022. The visit was co-organised with the City of Malmö and supported by experts from the Swedish Transport Administration.



*Portuguese delegation in Malmö*

Vision Zero Academy's *Lars Ekman* brought the group to a field visit looking at various road safety and

infrastructure solutions, such as roundabout design, road safety cameras and 2+1 roads in the surroundings of Malmö. The ETSC manages the project on behalf of the European Commission.

## Global collaboration

### *Long-term cooperation with the USA*

#### *Big impact for the Vision Zero in the USA*

In 2010, an agreement was signed between Sweden and the United States on collaboration for a long-term sustainable transport system, where the Vision Zero was one of the specifically designated areas. In 2011, a Swedish delegation, led by the Swedish Minister of Infrastructure Catharina Elmsäter Svard, conducting a workshop in the USA on the Vision Zero and since then, interest in the Vision Zero has gradually increased. Some of the highlights of the road safety development in the USA the past decade are the US Department of Transport's *strategic plan for the period 2014-2018* mentioning, for the first time in the US, the goal of working towards zero casualties in the transportation system and the *Road to Zero strategy* developed in 2018. Also President Biden's *Infrastructure*

*Investment and Jobs Act (IIJA)* from 2021, which includes big investments in infrastructure, environment and public health and a new *Safe Streets for all*-programme to fund state and local Vision Zero plans can be mentioned.

In the United States, the Vision Zero has not only spread to the federal level, but also to several cities and states. At the same time, the increased interest in road safety is important also from a Swedish business policy perspective, as many Swedish companies are at the forefront when it comes to road safety-related products and services. The fact that Sweden spreads its overall visions and strategies to countries such as the USA also means that there is an opportunity to benefit from the experience and knowledge that comes from using our strategies on a larger scale. This feedback of experience can in the long run contribute to Sweden's great challenge in achieving our own ambitions to create a sustainable transport system with no casualties or serious injuries.

### *Collaboration with Federal Highway Administration (FHWA)*

Within the framework of the 2010 Memorandum of Collaboration between the U.S. Department of Transportation and its Swedish counterpart ministry on cooperation in the field of sustainable transportation. Since then, various collaboration and knowledge sharing activities on a variety of topics have taken place. In autumn 2020 the Federal Highway Administration (FHWA) and the Swedish Transport Administration together developed a joint work plan on several topics of mutual interest, one of which is road safety. In late 2021, the FHWA and the Vision Zero Academy started an exchange of information on the Vision Zero and how Sweden has implemented the Safe System.



*Screenshot picturing FHWA and Swedish experts*

In 2022, a series of knowledge exchange webinars were organised, with the purpose for the American and Swedish technical experts to discuss and exchange information on different topics in the framework of the safe system approach. In March, a webinar on speed management and alcohol impaired driving was organised. Experts from the Vision Zero Academy presented the Swedish work on speed management and experts representing the National Highway Traffic Safety Administration (NHTSA) presented an update on their alcohol impaired driving prevention programme. A number of experts from both the FHWA, the NHTSA, and the Swedish Transport Administration took an active part in the discussions. *Michael Griffith*, Director at the Office of Safety Technologies at the FHWA and *Jihan Noizet*, Program Manager at the Office of International Programs at the FHWA moderated the discussions. In June, another two knowledge exchange webinars were arranged, one highlighting Vision Zero's role in American road safety work and the American National Road Safety Strategy (NRSS), and the other putting the spotlight on how Sweden approaches geofencing and how it can be applied to create a better and safer traffic environment.

#### Johns Hopkins Summer Institute 2022

In June, Vision Zero Academy expert Mr *Peter Larsson*, senior advisor on road safety, took part in a course conducted at the Johns Hopkins University. He provided a description and analysis of Sweden's experiences with implementing the Safe System Approach, the history of Vision Zero and the challenges in getting this new road safety policy innovation started in Sweden in the mid-nineties. He shared his thoughts on the reasons Sweden moved from conventional highway safety practices to the Vision Zero approach.



Mr Larsson was accompanied by a highly qualified line-up of road safety experts, namely *Jeff Lindley* from the Institute of Transportation Engineers, *Michael Griffith* from the Federal Highway Administration, and *Shannon Frattaroli* and *Jeff Michael* from the Johns Hopkins University. The panel discussion touched upon the current status of the road safety development in the U.S. The course is attended by public health professionals in the USA.

*"...I would like to express our gratitude to the Swedish Transport Administration for your generous contribution of inspiration and technical expertise over many years. Speaking for all my U.S. colleagues who have been working toward adoption of Vision Zero in this country, I want to recognize the generosity of your organization in providing global leadership on road safety. This leadership, through the Vision Zero Academy, specific assistance, and hosting the 3<sup>rd</sup> Global Ministerial Conference on Road Safety, has been tremendously helpful. You have shown what can be accomplished through methodical research and diligent application, and you have inspired us to maintain our efforts to follow your example..."*

*Jeff Michael, Johns Hopkins University, email to Swedish Transport Administration's Director General*

#### Article on Vision Zero in APWA reporter magazine

For the July issue of The American Public Works Association's "APWA Reporter Magazine", the Vision Zero Academy was asked to contribute with an article on the "Vision Zero – a Swedish policy innovation". APWA Reporter Magazine is a monthly publication edited primarily for public works officials at local, state and federal levels, as well as others involved in the public works field.



The theme of the July 2022 issue was Transportation, with plenty of interesting articles for transportation professionals. The article touched upon the essence of the Vision Zero and how it developed since its introduction in Sweden in 1997. It highlights Vision Zero as an ethical imperative which firmly states that it is unacceptable that people get killed



and seriously injured in the road transport system, and that Vision Zero is a strategy that differs from the more traditional approach to road safety. The article can be found on APWA-website here: <https://lnkd.in/eicKHG24>

#### TRB AKD20 summer 2022 midyear meeting – session on fatal crashes

The US *Transportation Research Board* (TRB) and its *Committee on Roadside Safety* held their midyear meeting in Kansas, US, in August 2022. TRB is a division of the *US National Academy of Sciences, Engineering, and Medicine*, which serves as an independent adviser to the President of the US, the Congress and federal agencies on scientific and technical questions of national importance. In this midyear meeting, one of the sessions convened was about recent trends in fatal crashes. The Vision Zero Academy was contacted regarding a presentation on how Sweden is working on this issue. The purpose of the session was to consider issues associated with increases in fatalities that have been observed in the US over the past couple of years, and to what extent roadside safety is involved. Vision Zero Academy expert Dr *Matteo Rizzi* joined the event virtually and gave a presentation on how Sweden has been addressing fatalities and where Sweden has found success. Matteo also highlighted some of the future challenges and what is prioritized in order to continue to reduce the fatalities and serious injuries on Swedish roads.

## Canada

#### Webinar with the Vision Zero Alliance

In November 2022, the Vision Zero Academy organised a knowledge exchange webinar in collaboration with the Canadian *Vision Zero Alliance*. The Vision Zero Alliance has members from engineering, advocacy, academia, municipalities, auto-manufacturers and public health and one of their goals is to provide guidance and information to influence road authorities to adopt Vision Zero/Safe System principles in Canada.

As a foundation for the discussions, Vision Zero Academy expert Dr *Lars Ekman* presented the history and development of Vision Zero in

Sweden; and the challenges and achievements along the way. After Lars' introduction, a discussion and an exchange between the Canadian and the Swedish experts taking part in the meeting followed.



Screenshot picturing Canadian & Swedish experts

## Brazil

#### Formalised cooperation with Brazil, the Swedish Embassy & Business Sweden

For the past years, the Vision Zero Academy has worked closely with Brazil's federal Ministry of Infrastructure, the Brazilian National Transport Secretariat (SENATRAN), Business Sweden and the Embassy of Sweden in Brazil. In 2021, we carried out a pilot project with the state of São Paulo; a Vision Zero course, which can be described as a digital replica of our annual *Vision Zero International Course*. The goal is a close strategic cooperation in the rollout of the national road safety plan in Brazil (PNATRANS), which was launched in 2022. During 2022, we organised three digital Vision Zero courses for stakeholders in Brazil, with the objective to provide a deeper understanding of the Vision Zero linked to the implementation of PNATRANS. In total, around 700 road safety professionals, representing SENATRAN and other key actors within road safety from all over Brazil have attended the courses.



Screenshots from second edition of Vision Zero course for Brazil



We are very happy for the close and well-functioning collaboration with Business Sweden and the Embassy of Sweden in organising this course. We are also happy for the engagement from other international partners involved; such as the World Health Organization (WHO), Volvo Group Brazil, Volvo Cars Brazil, International Road Assessment Programme (iRAP), the Global Road Safety Facility (GRSF) of the World Bank and the Swedish Police. These courses are very good examples of global collaboration, capacity building and a way to increase policy dialogue and knowledge exchange between road safety professionals internationally.

Around 15 road safety experts from the Swedish Transport Administration and the Vision Zero Academy have taken part in each course and shared their knowledge and experience on different road safety topics. The courses have covered a wide array of topics resulting in interesting discussions between the participants and the experts. A special thanks to the Brazilian National Transport Secretary, *Frederico Carneiro* and *Daniel Mariz Tavares*, Director at the National Transport Secretariat SENATRAN, for their hard work, support and commitment in spreading the Vision Zero in Brazil. Juntos salvamos vidas - Together we save lives!

## Colombia

### *Vision Zero on International Forum on Children's Road Safety*

In March, the fourth edition of the International Children's Road Safety Forum (FISEVI) took place in Bogotá, hosted by the Government of Colombia. With its more than 1700 attendees (virtual and in person), FISEVI is one of the most important forums on children's road safety in Latin America. More than 60 experts from twelve countries attended the event and shared their knowledge and insights, to build capacity and encourage road safety professionals to take action to improve children's road safety. Road traffic injuries are the leading cause of death for children and young adults aged 5-29 years globally. Vision Zero Academy's road safety expert Mr *Peter Larsson* joined the event from Sweden and made a presentation on "*Vision Zero – a paradigm shift for road safety management*", as a part of a panel debate focused on road safety management. In the panel,

Peter was joined by the European Coordinator for Road Safety *Matthew Baldwin*, and experts from Argentina, Chile and Colombia. *Fernanda Rodríguez* from the Gonzalo Rodriguez Foundation moderated the insightful discussions.



## Mexico

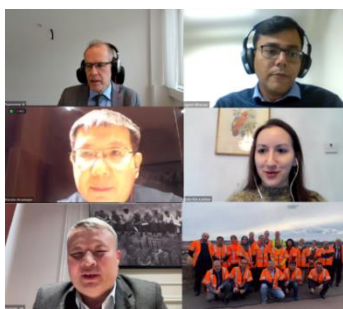
### *EU-Mexico Forum on Sustainable and Smart Mobility*

At the end of March 2022, the Delegation of the European Union in Mexico organised the "EU – Mexico Forum on Sustainable Mobility". The forum is part of the "*Transition Verde MX*"-initiative, which is organised in order to promote exchange and collaboration between different regions, sectors and key actors to move towards low carbon development and implementation of the Paris Agreement. Day one of the forum focused on sustainable, safe and smart mobility and the future of post-covid transports. One of the panels put the spotlight on road safety and the Vision Zero and *Peter Larsson* participated as a speaker from Vision Zero Academy. Throughout the days, more than 40 Mexican and European experts from different fields exchanged experiences on the future of safe and sustainable mobility.

## Kazakhstan

### *Webinar on proactive road safety concepts*

On 9 December 2022, the Vision Zero Academy took part in the webinar "*Proactive Road Safety Concepts-Global Experience and Implementation Challenges*" organised by the Kazakh Scientific Research Institute for Road Safety. The Vice Minister of Industry and Infrastructural Development of the Republic of Kazakhstan, Mr *Almaz Serikbolovich Idyryssov* gave the opening remarks of the webinar, followed by an excellent lineup of speakers, including Vision Zero Academy's Mr *Kenneth Svensson*, WHO's Dr *Matts-Åke Belin*, and *Julia Kite-Laidlam*, from the New York City Department of Transportation.



*Screenshots from event in Kazakhstan*

The Vision Zero Academy was very happy to contribute to this important webinar, and it was an especially fond reunion with several former delegates at the *Vision Zero International Course* in Gothenburg, Sweden – with three of the delegates from the 2019 edition of the course attending the webinar. It is nice to see that the Vision Zero course continues to spread “Vision Zero ripples” across the water and that it continues to connect road safety experts from all over the globe.

## Rwanda



*Meeting with Rwandan delegation*

In August, we had the pleasure of welcoming a delegation from the Government Offices of Rwanda, representing among others the Ministries of Infrastructure; Environment; and ICT and Innovation to Sweden. *Johan Lindberg*, head of road safety unit at the Swedish Transport Administration and *Eva Björk* of the Vision Zero Academy had a meeting with the group and gave a presentation on the mission of the Swedish Transport Administration in general, and our international road safety work and the Vision Zero in particular. The meeting took place at Dalarna Science Park in Borlänge.

## Thailand

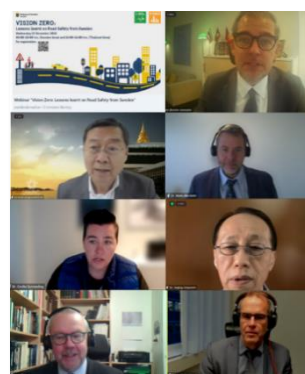
### *Lessons learnt on Road Safety in Sweden*

On 23 November 2022, the Embassy of Sweden in Thailand organised a webinar addressing the road safety challenge in Thailand. In this two-hour webinar, the Ambassador of Sweden to

Thailand, *Jon Åström Gröndahl*, highlighted the alarming number of road traffic fatalities in Thailand and he welcomed a closer collaboration between Sweden and Thailand within this field. Dr *Matts-Ake Belin*, WHO, addressed the inequalities between countries when it comes to the number of fatalities and serious injuries in road traffic. He stressed the importance of working with a holistic system perspective and to integrate safety in all steps of the mobility planning.

Mr *Kenneth Svensson*, representing the Vision Zero Academy, introduced the audience to the basics of the Vision Zero and he highlighted among other things speed as one important risk factor, and he emphasised the importance of the use of safe helmets. According to the Global Status Report on Road Safety from 2018, 74 % of the road traffic fatalities in Thailand are riders of motorcycles and Mr Svensson exemplified useful countermeasures for addressing this challenge.

Dr *Cecilia Sunnevang*, representing Autoliv, gave a presentation on the role of the private sector in reaching the global road safety targets. From Thailand, Mr. *Surachai Liengboonlertchai*, Senator and Chairman of the Senate Commission on



*Screenshots from road safety event with Thailand*

Road Safety, underlined that road safety is prioritised by the political leadership in Thailand and he welcomed this webinar as one step in building capacity and strengthening the road safety knowledge base.

Vision Zero Academy's Dr *Lars Ekman* moderated the event, and in his conclusions, he brought up the importance of collaboration between sectors and the need of a robust leadership and a systematic road safety work. He highlighted the role of the system designers and he hoped that this webinar is one important step in starting the implementation of the Vision Zero in Thailand. More than 100 participants from 18 countries attended the event.

## Interviews

### *Irish TV series examining Swedish road safety work*

An Irish TV producer contacted the Vision Zero Academy in order to learn more about Sweden's journey towards Vision Zero. Following the initial contacts, a team visited Sweden and other countries across Europe, to examine different strategies to make road travel safer, greener and less congested. The result was a TV series focusing on road safety issues and how Ireland can learn from other countries and cities across Europe. This series was produced in relation to Ireland's newly adopted road safety strategy, which is guided by the Vision Zero - Ireland's long-term goal of achieving zero road deaths or serious injuries by 2050.

In spring 2022, the Swedish Transport Administration's Road Safety Director Maria

Krafft met with the Irish team in Stockholm to discuss how different initiatives and processes can contribute to a safer road transport system and how Sweden has worked with Vision Zero guiding the road safety work since 1997. The team also visited Luleå, in the north of Sweden, to have a look at how the Swedish Police works in the traffic environment and to get an insight in the Swedish Police traffic strategy.



*Interview with Maria Krafft*

## CHAPTER 2

### Strategic intelligence, analysis and research

#### Utah Fatalities Reduction Survey

In spring 2022, the Vision Zero Academy was contacted by an American team of transportation engineers, located in Utah. The team was working on traffic safety research with the Utah Department of Transportation (UDOT). Despite efforts of UDOT and their partners, traffic fatalities in Utah have continued to increase in recent years and therefore the UDOT decided to conduct a study, in order to learn from other countries' experiences, strategies, interventions and working methods for reducing traffic fatalities and severe injuries. A small team of experts from the Vision Zero Academy jointly responded to the survey and passed on information on how Sweden has worked with the Vision Zero and how this strategy has been implemented to reduce the number of fatalities and severe injuries.

#### Vision Zero Research Network

Researchers from the universities of Karlstad, Örebro, KTH, VTI and Södertörn, as well as the Institute for Future Studies, have worked on a research programme on policy and implementation of the Vision Zero from various aspects, both nationally and internationally. The programme has been financed by the Swedish Transport Administration's research portfolio *Strategic Initiatives*.

#### *A mapping of local road safety work*

In the framework of the *Vision Zero Research Network*, one of the researchers, *Ann-Catrin Kristianssen*, Ph.D in Political Science at Örebro University, has done a mapping of the local road

safety policies and the implementation of Vision Zero in local settings in Sweden. She has presented her work in various contexts throughout the year, and her work has provided important insights in how the local level in Sweden works with road safety and the Vision Zero. From a national perspective, these insights give us valuable information on how we can improve the collaboration between the governance levels and how the national level better can support the municipalities. Some of the results presented from this study, are that the municipalities surveyed, especially the small ones, express a need for more support to be able to carry out systematic road safety work and that small municipalities have different challenges in terms of resources compared to larger ones. The municipalities also express a clear challenge in integrating traffic safety into the overall sustainability work. This report is published in Swedish.

#### *Steering towards Zero - Vision Zero in traffic – politics, policy and partnership*

Another result from the *Vision Zero Research Network*, is the book *Steering towards Zero – Vision Zero in Traffic – politics, policy and partnership*, written by researcher *Therese Reitan* from Södertörn University. The book's main aim is to provide a thorough presentation of the creation and implementation of the Vision Zero and the development of this policy innovation from the formal decision of the Swedish Parliament in 1997 and its development into a concept that spread to a number of other countries over the years.



## CHAPTER 3

### Strategic advice and information – an overview

#### *Requests from all over the world*



During the year, the Vision Zero Academy received around 70 requests to contribute with presentations, keynote speeches, lectures, workshops, interviews and various texts linked to Sweden's work with the Vision Zero and road safety. Inquiries came from embassies, ministries, authorities, journalists, associations, NGOs and businesses, as well as from international organisations such as the EU, World Health Organization (WHO), the ITF and the World Bank - from as many as six continents.

#### ➤ *North America*

USA, Canada, México, El Salvador & Guatemala

#### ➤ *South America*

Brazil, Uruguay, Peru, Argentina & Colombia

#### ➤ *Europe*

Scotland, Ireland, Romania, Portugal, France, Spain, Lithuania, Austria, Great Britain, Serbia, Albania, Bosnia and Herzegovina, Kosovo, Montenegro & North Macedonia

#### ➤ *Africa*

Botswana & Rwanda

#### ➤ *Asia*

Kazakhstan, Israel, Thailand, Pakistan, Jordan, United Arab Emirates, India & Taiwan

#### ➤ *Australia*



# CHAPTER 4

## Administration & secretariat

### *Vision Zero Academy's organisation*

In 2022, the **secretariat** has been staffed by *Eva Björk*, International Operations Manager and *Kenneth Svensson*, Special Advisor on Road Safety. Former Director of the Vision Zero Academy, *Matts-Åke Belin*, is on a two-year leave from the Swedish Transport Administration and he joined the WHO in Geneva in January 2022, for the position as Global Lead for the Decade of Action on Road Safety. During the year, the **operational working group**, consisting of resources from the two road safety units at the Swedish Transport Administration, has met once per week to discuss requests, progress and strategic development. *Peter Larsson*, *Matteo Rizzi*, *Lars Ekman* and *Rikard Fredriksson* have participated in the group, in addition to the secretariat. The **steering group** consisting of the Road Safety Director at the Swedish Transport Administration, the heads of unit of the two road safety units and the VZA secretariat has met every second week to discuss more strategic matters and to take necessary decisions.

### *Broad participation in VZA's work*

Vision Zero Academy participates, organises and co-organises a large number of events each year and 2022 was no exception. This year we continued to carry out many digital events, but we also started travelling a bit again for in-person meetings. During the year, more than fifteen experts from the road safety units have participated as lecturers, or in other ways contributed, to events linked to Vision Zero Academy.

VZA also collaborates to a large extent with other Swedish actors - outside the Swedish Transport Administration - such as the Swedish Transport Agency, Swedish National Road and Transport Research Institute (VTI), the Research Institute of Sweden (RISE), the Swedish Police, Folksam, Volvo, Autoliv, IKEA, Business Sweden and Swedish embassies around the world. On the international arena, among others WHO, EU, UN, World Resources Institute, FIA Foundation, ITF, Global Road Safety Facility, and the World Bank are important collaboration partners.

### *Vision Zero Academy website*

The website - our main channel to the outside world where we share materials and information about our courses and other important events.

### *Vision Zero Academy at LinkedIn*



The Vision Zero Academy has a page on LinkedIn, which is an important channel for spreading information about the VZA and our activities. It is a flexible and important channel for sharing up-to-date information about upcoming events and follow-up from past events, and a way to market the academy as a global knowledge node. The LinkedIn-page is updated approximately once or twice per month, it allows us to connect with the global road safety community and it is a vital channel for sharing knowledge and experiences with our collaboration partners and road safety professionals around the globe. It also allows for discussions and direct contact with followers. At the end of 2022, the page had almost 1000 followers. The posts are mainly in English.