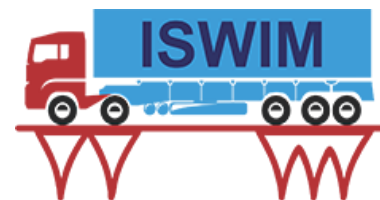




Agenda Item 21.3:
Updates by other organisations in liaison

Agenda Item 21.3h:
Update from the ISWIM

International Society for Weigh-in-Motion Report



57th CIML Meeting **18-20 October 2022**

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Purpose

This report presents a summary of the International Society for Weigh-in-Motion (ISWIM) [Home - ISWIM \(is-wim.net\)](http://is-wim.net) activities.

International Society for Weigh-in-Motion

The International Society for Weigh-in-Motion (ISWIM) deals with the research, development, and operation of systems, installed in or under road pavements, bridges, rail tracks, and on-board vehicles. ISWIM furthermore progresses an understanding of the data collected by these systems and the use of this data to better design, maintain and operate transport networks and associated vehicles.

ISWIM is a non-profit making association conforming to the Swiss Civil Code. Its Board is detailed in Appendix A. The purposes of ISWIM as detailed in Article 3 of its Statutes are:

- Dissemination of knowledge and understanding of Weigh in Motion (WIM)
- The promotion and support of international research and development projects or actions on WIM
- The initiation, participation, and/or monitoring of activities relating to WIM standardisation
- Promotion of use and application of WIM systems and data.

ISWIM brings together three distinctive groups:

- Users of WIM and the information it collects
- Academics and researchers in WIM technology and its associated data
- Vendors that provide WIM products and/or services of systems for the weighing of vehicles in motion.

For these groups to work harmoniously necessitates an appreciation: common understanding, language, and expectations of what WIM can deliver and under what circumstances. The responsibility of ISWIM is to better inform stakeholders of the use, myriad applications, and appreciation of the information that is collected by WIM.

Membership

ISWIM has individual members. Membership of ISWIM is gratis. The membership is widespread and includes representation from over 80 countries.

ISWIM also has a Vendor and Consultant College comprising 30 member organisations. Individual details are available at [Vendors & Consultants - ISWIM \(is-wim.net\)](https://www.is-wim.net). Vendor and Consultant membership have an annual membership fee.

Activities

Conferences and Events

Like most organisations, the last two years have been impacted by the Covid-19 pandemic and associated travel and event limitations. As such online stakeholder engagement has increased.

More recently the 3rd Regional ISWIM Seminar in South Africa 'Optimising Road Transport using Weight Data' was held July 6-8, 2022, in Johannesburg.

The 9th International Conference on Weigh-In-Motion (ICWIM9) will be held together with the HVTT17 from 6-10 November 2023 in Brisbane, Australia. The joint conference theme Technology Convergence 2023 – Setting the wheels in motion – Re-imagining the future of heavy vehicles, roads, and freight is intended to highlight the synergies between vehicle-based technologies and road-based technologies to deliver improved productivity, safety, and environmental outcomes together.

The joint conference is relevant and timely. This relevance and timeliness acknowledge the impact of the convergence in technology within the sector in delivering concurrently improved productivity, safety, and environmental outcomes. Furthermore, these outcomes are being achieved by bringing the world of heavy vehicles and weigh- in-motion together.

ISWIM continues supporting the community of WIM practitioners and end users with practical WIM recommendations through ISWIM Practitioners’ Guides series. During the reporting period, ISWIM developed two ISWIM Practitioners’ Guides: ISWIM Glossary and WIM Data for Bridge Engineering. Several additional guides are in various stages of completion, including Sensor Selection Guide, Site Selection Guide, WIM Calibration Guide, and Understanding WIM Standards, Recommendations, and Testing Procedures Guide.

Recent publications

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ISWIM produces this Newsletter to inform its membership and the broader community about the developments within the association and to provide a snapshot of the world of WIM. I invite you all to contribute to the Newsletter. The latest newsletter is available here [ISWIM-Newsletter-Issue-2022-2.pdf \(is-wim.net\)](#)

Social media

The LinkedIn group continues to grow. At least once every two weeks a new message has been posted on the group [\(61\) International Society for Weigh in Motion \(www.is-wim.net\) | Groups | LinkedIn](#)

The website remains a key content source [Home - ISWIM \(is-wim.net\)](#). The website also includes a searchable library with over 300 articles, papers, and reports related to Weigh-In-Motion.

ISWIM liaison

ISWIM is a liaison organisation of the TC9 SC2 p11 having provided a detailed submission to the planned revision of OIML R-134 on WIM and on-going engagement.

Young Researcher Award

Two young scientists recently received the ISWIM Young Researcher Award for 2021. They have been selected based on their contribution to the Weigh-in-Motion (WIM) field and their passion through their studies or early professional life. ISWIM will fully sponsor them to attend the 9th International Conference on WIM (ICWIM9) in Brisbane, Australia in November 2023 to present their work, visit the exhibition, and further develop their industry knowledge and global network.

Appendix A -ISWIM Board Directors (in – alphabetical order)

Adriana ANTOFIE, Attachée, Service Public de Wallonie (SPW), Namur, Belgium

Chiapei CHOU, Professor, National Taiwan University, Taipei, Taiwan

Vittorio DOLCEMASCOLO, Manager, Ministère de la Transition Ecologique et Solidaire, Paris La Défense Cedex, France

Bernard JACOB, Deputy Scientific Director, Université Gustave Eiffel, Champs-sur-Marne, France

Chul-Woo KIM, Professor, Kyoto University, Kyoto, Japan

Chris KONIDITSIOTIS, Advisor, Chris K Phronesis, Melbourne, Australia

Eugene O'BRIEN, Professor, University College Dublin, Dublin, Ireland

Gustavo OTTO, Researcher Engineer, Universidade Federal de Santa Catarina, Florianópolis, Brazil

Jonathan REGEHR, Associate Professor, University of Manitoba, Winnipeg, Canada

Olga SELEZNEVA, Principal Engineer, Applied Research Associates, Inc., Toronto, United States

Deborah WALKER, Research Highway Engineer, Federal Highway Administration, Washington, United States

Aleš ZNIDARIČ, Director, Slovenian National Building and Civil Engineering Institute, Ljubljana, Slovenia