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| The International Teleocmmunication Union - Connecting the World. | | **International telecommunication union**  **Telecommunication Standardization Bureau** | |  |
|  | | | Geneva, 10 September 2021 | |
| **Ref: Contact:** | **TSB Circular 340** Stefano Polidori | | **To:**  - Administrations of Member States of the Union;  - ITU-T Sector Members;  - ITU-T Associates;  - ITU Academia | |
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|  |  | | **Copy to:**  - The Chairmen and Vice-Chairmen of Study Groups;  - The Director of the Telecommunication Development Bureau;  - The Director of the Radiocommunication Bureau | |
| **Subject:** | **AI for Road Safety webinar and 7th virtual meeting of ITU-T Focus Group on AI for Autonomous & Assisted Driving (FG-AI4AD), 6-7 October 2021** | | | |

Dear Sir/Madam,

The [International Telecommunication Union (ITU)](https://www.itu.int/en/Pages/default.aspx), the [UN Secretary-General’s Special Envoy for Road Safety](https://unece.org/united-nations-special-envoy-road-safety) and the [UN Envoy on Technology](https://www.un.org/techenvoy/) are launching a new initiativeentitled **“AI for Road Safety”**.

The AI for Road Safety initiative is in line with the UN General Assembly Resolution ([UN A/RES/74/299](https://undocs.org/en/A/RES/74/299)) on Improving global Road Safety, which highlights the role of innovative automotive and digital technologies. The new envisioned initiative has also been framed in accordance with the [UN Secretary General’s roadmap on digital cooperation](https://www.un.org/en/content/digital-cooperation-roadmap/). The focus of this initiative will be to harness the value of AI in enhancing the safe system approach to road safety.

The new initiative will also support achieving the UN SDG target 3.6 to halve by 2030 the number of global deaths and injuries from road traffic accidents, and the SDG Goal 11.2 to provide access to safe, affordable, accessible and sustainable transport systems for all by 2030.

**AI for Road Safety** will be officially launched on **6 October 2021** during the webinar on [AI for Road Safety](https://aiforgood.itu.int/event/ai-for-road-safety/), which is being organized in partnership with the **AI for Good** ([AI4Good](https://aiforgood.itu.int/)) and in collaboration with the **Focus Group on Autonomous and Assisted Driving** ([FG-AI4AD](http://itu.int/go/fgai4ad)). This webinar will be followed by the 7th meeting of the Focus Group on AI for Autonomous and Assisted Driving (FG-AI4AD) on **7 October 2021**.

**1 Webinar on “AI for Road Safety” (6 October 2021)**

This Webinar will explore how advances in AI technologies may be used to enhance road safety for all road users, including vehicles and vulnerable road users (motorized and non-motorized, e.g., pedestrian, cyclists, motorcyclists, electric scooters, etc.).

Reducing road mortality by half, which is a UN target for 2030, could save 675,000 lives a year. Knowing where and when road traffic crashes happen is crucial to address the problem. Unfortunately, many countries have little or no data on road traffic crashes and no means to effectively analyse the data they do have to identify effective solutions. Therefore, a major aim of this initiative will be to ensure equitable access to data and ethical use of algorithms across all safe system pillars.

In the current scenario, it is crucial to identify the various elements that influence road safety and especially the role that AI can play to enhance crash data collection and analysis, to improve road infrastructures, to enable more effective post-crash responses as well as to inspire more modern regulatory frameworks in the transport sector. These solutions are all the more needed in low- and middle- income countries, where most of the road fatalities and injuries occur.

The aim of this webinar is to launch the new initiative on AI for Road Safety by discussing latest AI-based technologies and other approaches to enhance the existing Safe System Approach to Road Safety in view of the transformational change enabled by smart mobility.

The Webinar on “[AI for Road Safety](https://aiforgood.itu.int/event/ai-for-road-safety/)” will start on 6 October 2021 at 1300 hours CEST and will conclude at 1600 hours CEST.

The programme and registration information relating to the Webinar will be made available from the related webpage: <https://aiforgood.itu.int/event/ai-for-road-safety/>

**2 Seventh meeting of Focus Group on AI for Autonomous and Assisted Driving (7 October 2021)**

The seventh FG-AI4AD meeting will take place fully virtually on 7 October 2021 at 1300 hours CEST and will conclude at 1600 hours CEST. The aim of the meeting will be to continue discussions and progress on the three draft deliverables:

* TR01 “Draft Technical Report on automated driving safety data protocol – Specification” ([FGAI4AD‑I-100](https://extranet.itu.int/sites/itu-t/focusgroups/ai4ad/input/FGAI4AD-I-100.zip))
* TR02 “Draft Technical Report on automated driving safety data protocol – Public safety benefits of continual monitoring” ([FGAI4AD-I-114](https://extranet.itu.int/sites/itu-t/focusgroups/ai4ad/input/FGAI4AD-I-114.zip))
* TR03 “Draft Technical Report on automated driving safety data protocol: – Practical demonstrators” ([FGAI4AD-I-064](https://extranet.itu.int/sites/itu-t/focusgroups/ai4ad/input/FGAI4AD-I-064.zip))

Additionally, contributions are also invited to progress the FG-AI4AD objectives within the remit of the three agreed work streams:

* Outreach through Participation, Collaborations & Public Engagement
* Technical Specification and Demonstration
* Research Based Guidance & Notices

Finally, the FG-AI4AD will discuss its future mandate in view of the next ITU-T SG16 meeting in January 2022.

The draft agenda and registration information relating to the FG-AI4AD meeting will be made available from the related webpage: <http://itu.int/go/fgai4ad>.

The sixth and latest meeting of FG-AI4AD was held on 2-3 June 2021. See the related meeting report posted as output [FGAI4AD-O-018](https://extranet.itu.int/sites/itu-t/focusgroups/ai4ad/_layouts/15/WopiFrame.aspx?sourcedoc=%7b620C618C-B184-4C15-91E6-5F70D1137215%7d&file=FGAI4AD-O-018.docx&action=default) (free [ITU account](https://www.itu.int/en/ties-services/Pages/login.aspx) required). If any, previous information on Technical Reports review (TRr) meetings can be found in the dedicated SharePoint folders: <https://extranet.itu.int/sites/itu-t/focusgroups/ai4ad/SitePages/trr.aspx> .

**3 Registration and Participation Information**

Participants are required to **pre‑register online** as soon as possible, and no later than **5 October 2021**. **Registration is mandatory to attend the events remotely**.

Please note that **separate registration** is required for the Webinar and FG-AI4AD meeting. The respective online registration links can be found on related [FG-AI4AD](http://itu.int/go/fgai4ad) and [Webinar](https://aiforgood.itu.int/event/ai-for-road-safety/) webpages.

Participation in both the Webinar and FG-AI4AD meeting is free of charge and open to all individuals coming from countries that are members of ITU and are interested in contributing to the work. This includes governments, automotive and telecom/ICT industries and associations, academia and research institutions, non‑ITU Members and individuals.

Anyone interested in receiving the updates and announcements related to this group is invited to [subscribe to the FG-AI4AD mailing list](https://www.itu.int/en/ITU-T/focusgroups/ai4ad/Pages/quicksteps.aspx). Details on how to subscribe to the mailing list can be found under “how to participate” on the FG-AI4AD homepage at <http://itu.int/go/fgai4ad>.

**4 Contributions**

Written contributions to the FG-AI4AD meeting (7 October 2021) should be submitted to the secretariat ([tsbfgai4ad@itu.int](mailto:tsbfgai4ad@itu.int)) in electronic format using the [template](https://www.itu.int/en/ITU-T/focusgroups/ai4ad/Documents/FGAI4AD-I-template.docx?csf=1&e=efDn12) available from the FG-AI4AD SharePoint site. **The deadline to submit contribution is set to 1 October 2021**.

NOTE: If your contribution proposes updates to one of the Technical Reports under study (see item 3 above), make sure to use the latest available baseline text for the Technical Report. The latest baseline texts are available on the [FG-AI4AD webpage](http://itu.int/go/fgai4ad).

**5 Timing, Duration and key deadlines**

The **Webinar** is scheduled to take place on **6 October 2021 at** **1300-1600 hours** **CEST** and the **FG-AI4AD meeting** is scheduled to take place on **7 October 2021 at 1300-1600 hours** **CEST**.

**The discussions will be held in English only**.

**Key deadlines:**

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| 1 October 2021 | Submit written contributions (by e-mail to [tsbfgai4ad@itu.int](mailto:tsbfgai4ad@itu.int) ) |
| 5 October 2021 | Pre-registration online at:   * FG-AI4AD Meeting (7 October 2021):   <http://itu.int/go/fgai4ad>   * Webinar (6 October 2021):   <https://aiforgood.itu.int/event/ai-for-road-safety/> |

I wish you a productive and enjoyable meeting.

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| Yours faithfully,  Chaesub Lee Director of the Telecommunication Standardization Bureau | Latest meeting information |

**Annex**: 1

**ANNEX - DRAFT AGENDA of the Webinar (6 October)**

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**Opening and welcome**

* International Telecommunication Union
* Mr Jean Todt, UN Secretary-General’s Special Envoy for Road Safety
* Ms Maria Francesca Spatolisano, Officer in Charge, UN Secretary-General’s Envoy on Technology

**Moderator**

* Mr. Bryn Balcombe, Chair ITU-T FG-AI4AD

**Setting the stage:**

* AI for Road Safety elements

**Topics in focus**

* Role of AI on road safety data and regulatory frameworks
* Role of AI on safer vehicles, including connected, cooperative and automated vehicles
* Role of AI on road infrastructure
* Role of AI on post-crash response

**Conclusions**

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NOTE: The updated draft agenda will be available online: <https://aiforgood.itu.int/event/ai-for-road-safety/>