FG-AI4EE-I-083-R1

Focus Group on Environmental Efficiency for AI and other Emerging Technologies

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Title:	Draft Agenda for the meeting of Focus Group on Environmental Efficiency for AI and other Emerging Technologies (FG-AI4EE) (Vienna, Austria, & online, 4 May 2022)
Purpose:	Admin

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Abstract:	This document contains the draft agenda for the fifth meeting of Focus Group on Environmental Efficiency for AI and other Emerging Technologies to be held in Vienna, Austria, and online on 4 May 2022

Fifth meeting of ITU-T Focus Group on Environmental Efficiency for AI and other Emerging Technologies (FG-AI4EE)

Time	No.		Agenda Item	Doc
09:30-10:00	1		FG-AI4EE Plenary	
30min		1.1	Welcome remarks by the FG-AI4EE Co-Chairman, Mr Paolo Gemma	
		1.2	Opening remarks by the Host of the meeting	
		1.2	Adoption of the Agenda	
		1.3	Administrative Logistics − Remote participation instructions	FG-AI4EE-I-094

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Time	No.		Agenda Item	Doc
		1.4	Intellectual property rights (IPR) Call	FG-AI4EE-I-084
		1.4	Approval of previous meeting report	FG-AI4EE-O-019
10:00-11:00	2		**Working Group 3 Implementation Guidelines of AI and Emerging Technologies for Environmental Efficiency** Chairs introduction: Ying Shi, China Telecom, China (remote) Stefano Nativi, Consiglio Nazionale delle Ricerche (CNR), Italy	FG-AI4EE-I-087
60min		2.1	**Contributions received** To be noted: Literature review: Selection of good practices related to AI and blockchain technology that contribute to achieving the SDGs - José Esteban Gabarda Balaguer, OSICO Platform	FG-AI4EE-I-092
		2.2	**Update on D.WG3-05** Technical Specification **"Best Practice Catalogue on Environmentally Efficient AI & Blockchain Application"** Presentation by Mattia Santoro, CNR, Italy & Enrico Boldrini, CNR, Italy (remote)	FG-AI4EE-I-088
		2.3	**Update D.WG3-06** Technical Report "Guidelines on the Environmental Efficiency of 5G Usage in Smart Water Management" Leader: Ramy Ahmed Fathy, Co-Chairman, Focus Group on AI and IoT for Digital Agriculture (FG-AI4A) (remote)	FG-AI4EE-I-097
		2.4	**Conclusions by Chairs on WG3 Workplan** Timeline for items in progress, call for contributions, and organization of work.	
11:00-11:30			*Coffee Break*	

Time	No.		Agenda Item	Doc
11:30-12:30	3		**Working Group 2 - Assessment and Measurement of the Environmental Efficiency of AI and Emerging Technologies** Chairs introduction: Paolo Gemma, Huawei Technologies Co., Ltd., China Leonidas Anthopoulos, University of Thessaly, Greece (remote)	
60min		3.1	**Presentation of Contributions received**	
		3.2	**Status update by Chairs on WG2 Workplan** Discussions on item in progress, call for contributions, and organization of work. Item for completion: D.WG2-1 Technical Specification "Environmental Impact self-check assessment" Leader: Neil Sahota, University of California, USA	[FG-AI4EE-I-086](#)
12:30-14:00			*Lunch*	
14:00-16:00	4		**Working Group 1- Requirements of AI and other Emerging Technologies to Ensure Environmental Efficiency** Chairs introduction: (remote) Joel Alexander Mills, AugmentCity, Norway Neil Sahota, University of California, USA	[FG-AI4EE-I-089](#)
		4.1	Presentation of Contribution on "Effective use cases of technologies of smart sustainable cities'' from Prof. Abdelnasser Abdelaal, King Faisal University, Saudi Arabia	Presentation [FG-AI4EE-I-098](#) Document [FG-AI4EE-I-096](#)
20min per report (10min presentation + 10min discussion/approval)		4.2	**Presentation of draft deliverable** D.WG1-01 Technical Report "Standardized Glossary of Terms" Leader: Malcolm Mason, Sure International, UK	[FG-AI4EE-I-090](#)
		4.3	**Presentation of draft deliverable** D.WG1-05 Technical Specification "Reporting templates on AI, Augmented Reality and Machine Learning"	[FG-AI4EE-I-095](#)

Time	No.	Agenda Item	Doc
		Leader: Annik Magerholm Fet, Norwegian University of Science & Technology (NTNU), with Pierre Major, NTNU, Norway	
	4.4	**Presentation of draft deliverable** D.WG1-06 Technical Specification "Neutral Navigational Matrix for AI-driven Technologies for Smart Sustainable Cities" Leader: Barbara Kolm, Austrian Economics Center & Austrian National Bank, Austria with the support of Prof. Rüdiger Stix & Vienna Team	Matrix document FG-AI4EE-I-093
	4.5	**Update on D.WG1-08** Technical Report "Connecting Environmental Efficiency of Digital Technologies to the Sustainable Development Goals (SDGs)" Leader: Daniela Tulone, ecoSurge, Italy	FG-AI4EE-I-091
	4.5	**Presentation of draft deliverable <u>for approval</u>** Technical Report D.WG1-10 Guidelines on Digital Twin of Cities for Better Climate Mitigation Solutions Leader: Joel Alexander Mills with Pierre Major AugmentCity AS, Norway	
	4.6	**Conclusions by Chairs on WG1 Workplan** Timeline for items in progress, call for contributions, and organization of work.	FG-AI4EE-I-085
16:00-16:30	5	**Review of incoming and outgoing Liaison Statements (LS)**	
15min	5.1	**Incoming LS**	
		For information a. LS/i on the outcomes of the first meeting of the ITU-T Focus Group on Testbed Federations for IMT-2020 and beyond [from FG-TBFxG] b. LS/i/r on five deliverables of ITU-T FG-AI4EE and on a request for the extension of FG-AI4EE's lifetime by one year (reply to FG-AI4EE-LS7 and FG-AI4EE-LS8)	a. FG-AI4EE-I-LS-026 b. FG-AI4EE-I-LS-025 c. FG-AI4EE-I-LS-024

Time	No.	Agenda Item	Doc
		c. LS/i on the first deliverable on use cases for autonomous networks [from ITU FG-AN]	d. FG-AI4EE-I-LS-023
		d. LS/i on establishment of a new ITU-T Focus Group on Testbeds Federations for IMT-2020 and beyond (FG-TBFxG) and first meeting (virtual, 4-7 April 2022) [from ITU-T Study Group 11]	e. FG-AI4EE-I-LS-022
		e. LS/i on invitation to review AI Standardization Roadmap and provide missing or updated information [ITU-T SG13]	f. FG-AI4EE-I-LS-021
		f. LS/i on final deliverables of ITU-T FG-QIT4N	g. FG-AI4EE-I-LS-027
		g. LS/i on first deliverable on use cases for autonomous networks from ITU FG-AN [from 3GPP SA5]	
	5.2	**Outgoing LS**	
		For approval of the meeting LS/o on X deliverables of ITU-T FG-AI4EE [to ITU-T study groups and focus groups]	
16:30-17:00	6	**Wrap up and closing**	
	6.1	**Next steps and updated timeline for FG-AI4EE** - Date and time of final meeting	
	6.2	**Closing remarks**	

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