WSIS+20 REPORT

I. EXECUTIVE SUMMARY (regarding generally all questions of the Report)

Provide a brief overview of the entity's achievements, challenges, and future priorities related to the implementation of WSIS outcomes over the last 20 years

ACHIEVEMENTS

I contributed progressively to WSIS Outcomes since 2004 by

A. Delivery science-underpinned explaining, in two steps, of our development over time, by defining it, and way&rules of its realizing with clearing determining role of environment and enabling&driving of our knowledge/cognition and necessity of its most effective measurable producing, forwarding and use and management, and ICTs as making the process realistic, with key role of WSIS.

And expressing it by its a) core (2004) then b) final info&edu&operational standard model&equation precising&unifying our acting by GDP with defining knowledge-referred tasks and attributing concrete institutions to their realizing, and making it strategically guided&managed by 17 SDGs as policies and the 2030 Agenda(&other UN agendas&financial Addis Ababa Action Agenda) as strategic plan.

It was delivered to support efforts towards our equal just common development of the EU, UN, also Christian Church, driven by seeing such possibility from experiencing by knowledge development implemented with my chemistry engineering, marketing management, basic ICTs backgrounds in/by various industries in international cooperation.

The model and its core version is available at: https://www.wipo.int/export/sites/www/about-ip/en/artificial_intelligence/call_for_comments/pdf/ind_marchlewicz.pdf (pp.3&4)

B. Global validation-underpinned promotion – to the EU, then UN Authorities – of development by&with using the core and final model with highlighted determining role of EES, enabling&driving of knowledge/cognition, and special role of ICTs and WSIS - aimed at forwarding the model at disposal of the UN and Its Member States. With committing its forwarding on IP basis

Ad A. Core and final standard model&equation of our existence

a) Core model explains our development as we can observe oreon acting by companies - thanks to knowledge&its precising by improvable identified&planned fulfilling in annual settled periods set of our equal needs by producing goods&services. It expresses our development as to be realized by closed knowledge-referred&leveled block-chained X-Y executive overall coordinated institutional structure referred to and using optimally territories and individuals, realized according to unified&precised corporate and national accounts&GDP&budget method strategically

guided&managed by EU strategy of by-knowledge development, implemented annually by policies responding to the needs, supported by structuring&equalizing EU knowledge-referred R&D/edu/regional programs (and their support structures). It was built with highlighting its global universality and possibility of spatial expressing&operation and direct support by ICTs.

It explains&shows how we should develop most effectively thanks&by most effective use of knowledge.

b) Standard model&equation of our existence extends core model by explaining roots/causes of our observed development as arising from precisely pre-defined functional order of evolving existence of the Universe with us as system developing within&with its already formed Earth environment matter&energy system EES of defined composition&equilibrium enabling occurring our existence and its realizing with development by us thanks to&with use of our ability of continuous more precise existence-aimed assessing cognizing of reality including us (at its external expressing and forwarding), and using it for securing our existence.

The model expresses our IDEAL development as to be realized by executive overall managed X-Y cognition/knowledge-referred&leveled institutional system as in but more precise&clear core model, referred to EES and individuals system/s, by improvable identified&planned annually settled fulfilling i) equal needs at three conditions ii) respect for primary composition&equilibrium of EES iii) inclusion of all iv) inter-territorial equalizing&structuring. It precises further corporate a&contributing nd national accounts&GDP&budget method, and its realizing by executive&managing structure with making it strategically guided by strategy of existence&development by cognition over time, implemented annually by four broad as i-iv) and 17 exact ideally targeted policies responding to SDGs 10&1-9, 11-15, 16, 17, and the 2030 Agenda&other UN agendas&Addis Ababa Action Agenda as strategic plan.

It was built with two explaining stages: i) with planned identification of our dependency on EES lacking at the core model, and ii) deepening explaining on knowledge as resulting from our pre-assigned energy-referable abilities of cognizing (and derived of doing physical work) undertaken in the light of challenges concerning information, data, and emerging digital especially AI-related technologies considered by dedicated UN Processes&Structures. Deepening explaining identifies way/process of realizing our material and immaterial needs by producing goods&services with key and complementary roles and contributing of cognizing by senses and brain both functionally aimed at securing our existence with development, by fulfilling material/technology-referred and immaterial /art-referable needs, with material ones to be realized in pre-defined sequence, allowing us to develop i) traditional technologies using EES energy components for facilitating our physical work then also ii) ICTs using specific EES matter components for facilitating and making our cognition-processing tasks also cognizing itself most effective and followed used for our development including by its additional expressing in virtual space – so making our development clearly visible, understood, and continued by all. (as by AI and Metaverse). <u>The explaining delivers strategy of development of ICTs as supporting our cognition-related tasks and cognition itself, and arising rule of measuring of contributions of our knowledge/cognizing to our development and its progress, including by digital technologies.</u>

The model explains&fixes cardinal rules of our existence&development with their cross-dependencies, with making clear that only their integral keeping allows our existence with development over time, and that actual challenges arise from their non-keeping, and could be eliminated, reversed and avoided by their integral keeping.

It makes clear necessity, equality, dignity of all individuals, and our most effective acting only towards securing existence with development, excluding contrary activities especially wars. It identifies our development as relaying on keeping EES composition&equilibrium, and maximal producing&use of our cognition, both measured&controlled by institutional system, with attributing concrete knowledge-referred tasks&results to concrete institutions, with identification all components used for our development: EES matter and energy, cognition/knowledge and derived physical work and arising traditional and digital technologies, and introducing rule/s of their measuring (referred to matter and energy) and most effective use.

It is general logical analogue algorithm, data bases structure and executive&managing infrastructure of our ideal development, with directly applicable financing and ICTs, to be precised further but within it, serving also as basic info&edu&operational template.

It explains&shows how to enter way of sustainable development by the 2030 Agenda – by striving to ideal described&expressed by it with&by eliminating and reversing actual challenges at avoiding new ones, with perspective of its reliable foreseeable continuing in the future, including by rules-based exploring&use of Outer Space and the Universe.

It makes clear that it would require identification of actual status of our global institutional functioning, of individuals and of EES – as by&with using the model as an ideal basic template, and directing the institutional acting towards ideal sustainable development shown by it. So with preliminary and continuous collecting and acquiring also analyzing and assessing of huge amount of relevant information/, also their forwarding, simulations, also promotion, information, education of all. It would require identification (and following) of actual – reliable – basic reference level/s of our global development – represented by manners of production/(patented)technologies, aligned vertically with responding (copyrighted) knowledge, also horizontal co-relating technology-and art-referred referred activities&products, with regarding measurable contributions also of emerging digital technologies – as I proposed, with using the model, at margins of WIPO Conversations. It would require precise detailed statistics. It would be realistic only with responding developing and harnessing of functionally dedicated ICTs, and ICTs professionals.

At the same time the model with its accompanied explaining of complexity of our development with its cross-dependencies makes clear that trying to achieve it without knowing that trying to achieve it would lead to more uncertainties.

Ad B. Global validation-underpinned promotion – to the EU, then UN Authorities – of development by&with using the core and final model with highlighted determining role of EES, enabling&driving of knowledge/cognition, and special role of ICTs and WSIS - aimed at forwarding the model at disposal of the UN and Its Member States. With committing its forwarding on IP basis

a) Validation-underpinned promotion of development by&with using core model, 2000-2017 - to the EU, with reference to universal global development by the UN, then to the UN

i) Promotion of development of&to the EU through regions, by the EU regional but globally universal info&edu&operational pilot by combined EU R&D and higher education projects (accepted by EU&PL) referred also to global development by the UN (2000-2010). Realized by two parallel lines, with important roles of professional regional/national/EU info&support contact/focal points and of ICTs (2000-2010), through regional University and its Regional EU R&D Program Contact Point acting in the national and EU network (2000-2010)

a) *Professional info&promotion of model-based development* combined with support for its implementing, by annual EU&PL projects of Regional Contact Point of the EU 5th&6th R&D Program (2000-2006). Realized by organizing series of annual EU conferences aimed at implementing development by Lisbon Strategy in&by regions with highlighted key role of science, with participation of selected stakeholders of my region and other EU regions (mainly regional and transnational associations/networks/companies, and universities, also sub-national, national and EU Authorities), assumed as executive and support structure/s at preparing&implementing common also selected EU R&D Program projects. The projects regarded and promoted ICTs as supporting knowledge-related activities according to the model. With info on the conferences including their agendas on the E-platform of National Contact Point as part of the EU network. The pilot was delivered effectively thanks to&with intensive use of ICTs as allowing effective identification and analysis of EU Programs and stakeholders, selections, communication with all stakeholders and their support, therefore also effective cooperation; without ICTs it would be unrealistic.

b) *Education* – by module teaching on model-based development as integral part of regular education, delivered to all students of regional University. Realized by two prepared dedicated projects to the EU Jean Monnet Program (on higher teaching also research on development of the EU), one – on general teaching on model-based development of students of all faculties (of last year), second as deepened bilateral sub-pilot (with German neighboring region) on support of employability of graduates on Single EU market for students (of first year) of chosen teaching field of geodesy&cartography, based on own 3-years and official national statistics, with all necessary stakeholders including especially companies, containing also proposal of unified block-chained construction of teaching program with ICTs as one of blocks, with organized two EU conferences on results and their edited proceedings assumed also as teaching/learning tools. (2004-2010)

ii) **Promotion development of&to the EU -** by assessing EU project proposals to the EU R&D and higher education Programs (as independent expert of the European Commission) (2004-2011)

iii) **Promotion development to global higher education** – validated through its global conferences involving also UNESCO (2005, 2006, 2007). At appreciation by EY (2007)

iv) **(Trials 2008, 2011 of) validated promotion of more precise global development by the UN –** two proposals of precising of core model by co-relation our development by knowledge with environment, with translation into EU languages, as the EU pilot to the UN, to the EU Program for Advanced Research (not approved**)**

V) **2011-2017. Promotion development as by core model directly to the UN, through UNGLs -** for shaping Post-2015 Agenda, so also with using ICTs, at referring to the model and the EU pilot, by E- inputs to various consultations (while working on completing the core model)**.**

Already the EU pilot made generally clear main aim of WSIS, role of ICTs, way of implementing of most WSIS Action Lines, and role of WSIS – as integral parts/members of professional egional/national/EU (global) info&support contact/focal points. Standard model with its exhaustive explaining made that fully clear.

b) Promotion of development by&with using standard model, since 2017 - to the UN through global UN Processes&Structures dedicated to various development challenges&issues, with committing to forward it to the UN and Its Member States on IP basis - aimed at reaching

through Them Highest UN Authorities eligible to decide on precising&unifying actual national acting by GDP and UN Processes&Structures

It was realized in sequence determined by receiving info on them from UNGLs, then finding it by own search within UN activities co-linked with their visibility among them, possibility of their reaching, also their time-table, specified below in such sequence.

Extensive promotion of model-based development dedicated exactly to aspect/challenge of digital technologies started 2019 in feedback to UNDP Consultation, at parallel engaging in aspect of cyber-security (then also in Outer Space) considered by UNIDIR, and was continued since 2000 towards all WIPO Conversations dedicated to complex aspect of knowledge, IP, data, emerging digital technologies (allowed me also to understand better emerging technologies), also towards UNWDFs dedicated to data for statistics. At promoting using ICTs at&by commitment to the Water Action Agenda 2023. 2024 I became aware of WSIS as global UN Process&Structure fully compatible with the model and playing key role in making our development as by it realistic, and promoted such (broad) solution by own E-Science session at WSIS+20 High Level Event 2024. Then I continued promotion of model-based development with highlighting key role of WSIS to the UN Processes&Structures closer to that eligible for deciding on required precising our acting by GDP and the 2030 Agenda (Pact for the Future, 4th International Conference on Financing for Development, 6th Global Conference on Climate and SDGs Synergy, also future UNWDF).

Promotion was validated by if required accreditations and allowed interventions, side event, session, or verification of E-inputs (marked by *), and realized within them in allowed or possible extent and form – as presentations, dedicated leaflets, comments, also extended visit cards. The assumed elements of the model concerning EES equilibrium were confirmed by Works of 2021 Nobel Winners in Physics, and of general approach by Works of 2024 Nobel Winners in Economics.

It relied on informing on main rule/s of our development, highlighting particular aspect/challenge/issue, imperative of integrated implementing by&within the 2030 Agenda(merged with other UN agendas and financial Addis Ababa Action Agenda) and their particular Structures, with precise identification and measuring, and deepening explaining of given challenge/aspect/issue, as arising from non-keeping rules as by the model solvable by their keeping and integral acting – by countries at global support by merged global UN Processes&Structures. With referring to previous accreditations by&inputs to the UN Processes&Structures, also to the simpler core model and the EU but globally universal regional pilot to make better understood way of implementing. And with turning attention on possibility of rules-based exploring&using Outer Space and Universe.

It informed also on committing to forward the model at disposal of the UN and Member States for required global coordination, on IP basis.

Specification of promotion to the global UN Processes&Structures

- Promotion towards info from UNGLs, to: Global Compact for Migration* 2018, consultative status; Nuclear weapons*, UNGAs 2018&19, observer; Peace&Human rights/Nelson Mandela Peace Summit*,UNGA 2018, observer; Gender equality, Regional dimension in HLPF, Digital technologies, UNDP; Financing for development, DCF, SDG Investment Fair; Followed: UNIDIR activities related with security and cyber-security

- Promotion towards info found by own search of UN Processes&Structures, to: GPEDC 2017-2020; WUF9&10, 2018&2020 - Regional development, urban planning (dedicated leaflets); WIPO, since 2020 – Conversations on IP and emerging digital technologies including for creative applications (intervention* 2022); UNWDF, 2021, 2024 – Data for statistics (leaflet 2021, inputs to CTGAP 2.0/2024); IGF 2021-2023 – Internet (comments); UNDESA since 2022 – fast all Global Policy Dialogues (E-comments); UN 2023 Water Conference* (own side event, input to consultation on governance, commitment); 5th&6th Global Climate& SDGs Synergies Conferences 2023&2025* (E-Input to 1st Report 2023, E-input to Conference 2025); AI for Good, WSIS since 2024 – Digital technologies (own session* at WSIS+20 Forum HL Event); Summit of the Future 2024* (E-inputs to Consultations, Action Days); 4th International Conference on Financing for Development* - development as a whole including financing

I think that due to integrity of development regarded by the model number and Hierarchy of all reached EU and UN Entities could be regarded as indicator of progress of promotion of development with engagement of ICTs, and of WSIS.

CHALLENGES, at contributing to implementing WSIS Outcome Documents

The key challenge of my entity is that I developed the model being fully aware that development according to it coul&should be realized by countries at global coordination, and that I declared through the UN Processes&Structures commitment to forward it on IP basis at disposal of the UN with Its Member States (and global UN Entities) and have no feedback as I expected – so recommending by the UN Processes&Structures model for consideration by Highest UN Authorities as ECOSOC or UNGA as eligible to decide on precising&unifying our actual national acting by GDP and the 2030 Agenda, and followed decision. To be honest I hope WSIS as determining player in the process of development as enabling most effective info&edu&progressive operation would make such recommendation.

FUTURE PRIORITIES

They will be determined by feedback of the UN Processes&Structures on my commitment of forwarding the model at disposal of the UN with Its Member States, by Their recommendations on considering that by the Highest UN Authorities as ECOSOC or UNGA, and result.

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Provide details and contact information for the entity/stakeholder responsible for WSIS Follow-up

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