Statement/input to the UN 2023 Water Conference, 22-24 March 2023, UNHQ NY

Imperative&possibility of ensuring by the Water Action Agenda water objectives by understanding by all our development with enabling role of Earth environment with water as its integral component and activating&driving of our cognition/knowledge and their aware measurable managed implementing within&integrally with the 2030 Agenda, with making WAA its nuclei

- according to&with use as template standard info&operational model of our existence within&with Earth environment system preciseing our acting&managing by corporate and national accounts&GDP&budget method integrated with the 2030 Agenda&its 17 SDGs

Actually ensuring water objectives with contributing to sustainable development by the 2030 Agenda meets difficulties due to lacking understanding sustainable development including roles of our knowledge and Earth environment, and not enough explanatory&precise&synchronized managing instruments - corporate and national accounts&GDP&budget method (CNAM) and the 2030 Agenda defining way leading to it by 17SDGs as eliminating its challenges but without clearing its issue&interlinks.

Model allows to solve the question definitively - by delivery understanding of our sustainable development, and tool for its realizing with clearing&solving water & any other challenges. It explains our development from the roots - by science-underpinned identification of our existence within Earth environment as part of Universe with cleared roles of our cognizing/knowledge and Earth environment including water with preciseing our acting&managing by CNAM method integrated with the 2030 Agenda&its 17 SDGs, expressed in simple one paged info&operational form.

It was built in two steps: i) as its core version, 2004 – as we can observe in our life, with identified role of knowledge, preciseing CNAM and integrating with EU managing instruments, verified scientifically ii) final model, 2017, extending core version by embedding it in way of our existence within Universe, with identified also role of EES, integrating with the 2030 Agenda, both available at https://www.wipo.int/export/sites/www/about-ip/en/artificial_intelligence/call_for_comments/pdf/marchlewicz.pdf pp.3&4

(Full) Model&background explaining: Our existence was precisely pre-defined within Universe evolving as matter&energy system: We started to exist within already formed stable Earth Environment matter&energy System EES composed of (land-water-air) matter&3 bands energy subsystems in primary own&mutual equilibrium/s (confirmed by 2021 Nobel Winners in Physics), which enables occurring our existence (by climate) and its realizing by us by fulfilling our needs by producing goods&services with using its responding components. We exist as renewing equal
individual material bodies with embedded set of existential needs equipped with energy-referred features/abilities of continuous more precise intelligent existence-aimed cognizing of reality (including ourselves) and derived of doing physical work, with defined way of its building/precising, external expressing and forwarding within & by generations, also sequence of cognizing, which should secure own existence with development by more precise cognizing EES and ourselves, and using them for realizing set of our needs, but at three below mentioned conditions securing most effective use of EES and our knowledge & work referred to matter & energy.

Model shows that we should do that by i) fulfilling equal set of enumerated material and immaterial/culture-referred needs (as breathing, drinking, eating, external expressing) by producing set of goods & services of all, at parallel securing ii) recoverable use of EES at keeping its primary composition & equilibrium iii involvement of all iv) inter-territorial equalizing & structuring, acting by closed through life knowledge-referred & leveled block chained grid like X-Y institutional executive system, attributed vertically to identifiable EES (including water) and individuals system/s, locally/nationally/globally coordinated, at respecting GDP private-public relation and annual financial balance, with actual knowledge, then checking, and continuing realizing as improved with preciser knowledge. With attributing to i-iv four broad and 17 exact ideally targeted as SDGs 10 & 1-9, 11-15, 16, 17 policies, and the 2030 Agenda as strategic plan

Model & background with EES cross-cutting realizing all SDGs allows to identify & ensure precisely water-related objectives by the Water Action Agenda, but development-effectively ONLY with considering water as integral EES component, within & integrally with the precised 2030 Agenda so within its coordinated realizing by countries at global coordination, at merging global UN-initiated structures aimed at solving other challenges. With clearing that non-integral acting will lead to breaking EES composition & equilibrium i.e. basis of our existence

Model as info & operational standard of our existence could be used as template, for

- **Information & promotion & education of all**
- **Aware foreseeable measurable managed ensuring, by all, water & other development objectives by the precised 2030 Agenda, including specific tasks as statistics, measuring knowledge & EES**


Urszula Maria Marchlewicz
Owner/researcher