

Introducing the Self-Powered Community

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Development is a set of theories and practices that gained a new impetus after World War II. The underdeveloped world has earned its name “developing country.” It is 70 years of experience together with UN practice. The professional style of development was on the table, and its institutions grew. However, a consensual model of preparation and implementation of development has not come. Therefore the global strategy offered an idea to link development programs’ economic and social elements. But it wasn’t either was not readable. Eventually, the world began to change. The Human Development Index (HDI) has entered the evaluation of development results. In addition to economic indicators (GDP, GNP), there is a new opportunity to measure and benchmark healthy life, education, and freedom of speech worldwide.

According to Nobel laureate in economics Amartya Sen, people are not poor because of what they do not have, but because of what they cannot do or otherwise, people most often fall into poverty because of their limited means or opportunities without access. One can only wish that the initiative “Coalition for the UN we need” will change the coming 25 years so that the UN’s centenary accepts it. Science and technology help. Once again, new options exist for normal science. Applied research focused on global and local development and security issues have got new targets. New technologies penetrate people’s lives smoothly, even into the most impoverished areas (examples are mobile phones and the Internet). New theories are coming into practice. The Algorithmic Framework Theory (AFT) and the Unified Economics proposal are two examples.

We are beginning to perceive the importance of Big Data to understand our development. New technologies, Blockchain and Smart Contract are entering the project’s preparation and implementation stages. Computer algorithms affect our thinking, whether we like it or not. A new project paradigm is emerging, new thought patterns for preparing, implementing, and using projects (project portfolios) for the necessary economic, social, and security investments.

We can see all this around us. As has already been said, a person does not come into an inferior (poor) position just because he has no money, but above all, he/she has limited options. Suppose people (states, cities, individuals) can't absorb the data pouring in on them from all sides. In that case, they do not manage what they do, and navigation of paths where they go is insufficient. We are all in danger of being poor, both in spirit and money, simply because the scope of our possibilities would be diminishing.

Fortunately, we already have computers and mobile phones around us, and more and more people are thinking about nature's algorithms and the causes of the failures that belong to them. A growing number of scientists and managers can assist politicians with what AFK means, new perspectives of the local and global economy, and what that all means for human society's security and coexistence on a common Earth. It is a call for universities. So that universities pay attention to a balance of understanding of what science tells us, what new technologies we can apply, and what visions politicians form, which projects supports, and finally, what they promote after elections.

We are motivated to social and economic development (SED) on a global and local scale. We all want to have a better and safer life. Impacts of climate change, pandemics, and other threats underline the need to introduce Disaster Risks Reduction (DRR) measures. It leads to an increase in financial costs, especially at the time of implementation of individual projects. Projects of SED programs must respect DRR measures and react to impacts of any Humanitarian Aid (HA) operations. Linking programs SED, DRR measures, and HA actions into one whole (package) make sense if we look at them as projects. It requires regional, national, and local strategies, individual studies, and large and small plans by individuals and communities. It is a very high integration. Therefore allow me a short excursion to human long time history.

I want to remind the thinking of two worlds of antiquity, Eastern and Western, more than 2000 years ago. The Chinese philosopher Confucius preferred a ritual with specific needs for a virtuous act. The tradition said when, where, to whom, with what motive, and how should perform a moral action. The aim was to spread and promote ethical and intellectual behavior. Around the same time, Aristotle, the philosopher of ancient Greece, explained his moral (ethic) attitude and intellectual virtues. His approach differed in that he preferred practical wisdom. The time of antiquity confirmed that legislation aimed at the operation, development, and defense of the community could not replace the importance of virtue. This attitude has withstood criticism that ritual can quickly solidify and become callous, and just as practical wisdom can end up standing like a beacon by the sea that lost its function. The times of antiquity, renaissance, and the present confirm that the message of developing virtues is still relevant, and the critique of virtues is healing. The link of artificial intelligence (AI) technologies with human ethical and intellectual integrity forms the base of the proposed project

paradigm. I am convinced that the new paradigm of preparation, implementation, and evaluation of projects from the SED, DRR, and HA package is the way to this goal. It is a path for a deeper coexistence of people with and in the new electronic environment.

There are several reasons why I present the text in such a wide range. The text respects foreign investment aid principles, relations between high and low-income countries and the definition of poverty by Amartya Sen. Text calls on universities to participate and recalls that the developing world is already strong enough to promote its values independently. The Letter aims to outline a room both for scholars' theories and politicians' pragmatism. The Letter is written both for this innovation's target group (for critical donors and decision-makers on national and global levels) and for final beneficiaries (for families and entrepreneurs in all low-income provinces). The text is about process digitization in the SED, DRR, and HA package to attract current project managers, IT experts, and others to reduce risks that we call digital inclusion. SPC Concept that takes the form of a technological ritual and does not need to correct any ethical defects in advance is outlining as a helpful case for a more detailed and practical approach presentation. This a task (test) of the feasibility of Project Preparation Machine (PIM), Project Implementation Machine (PIM), and other tools of service of the SPC Utility network in low-income countries.

The SPC Concept assists the base technical infrastructure investment market. SPC Utility cooperates with Local Government Units (LGUs) and other local public and private entities. The BOT (Build, Operate, Transfer) model is the priority. The SPC Utility cooperates with the IFI and initiates the establishment of local banks. SPC Utility represents a joint-stock company that re-invests its profits in its projects. The SPC Driver's task is to design, defend, and monetize SPC Utility services connected with central and local governments' plans. There are primary and secondary drivers. Water, electricity, materials, atmosphere, and finance are primary Drivers (WEMAF), and health, education, disasters, the environment, and local capital growth are secondary drivers (HEDEC). Drivers operate in peri-urban and rural areas with low-incomes, in an area of around 1 million (working we call them provinces). The reason is more straightforward algorithmization of informal business relationships than in the formal relationships in developed countries.

The SPC Concept sets and enforces the specified principles of ethics in the sense of knowledge "any computer does not negotiate with you, everyone who uses its services must fully respect its algorithm." The Blockchain secures and protects data, and the Smart Contract exacts ethics in a chain of project contracts. The project paradigm reflects the form of project operations, and the technological paradigm reflects the higher level of artificial intelligence (AI). SPC Utility has the ambition to present ethics in project preparation and implementation processes via the extended scope of set limits for the project content, financial thresholds,

and project timing according to the contract. The letter presents Big Data, Machine Learning, Blockchain, and Smart Contract as core tools of a project paradigm proposal for the SPC Utility in the SPC Drivers scope for specific business and investment processes of any low-incomes province worldwide.

As I wrote this text, I looked at the tiny figurines on the shelf at my working desk. Among them, I stared into Don Quixote's face. I realized what I had in common with this literary figure. Yes, it is a conflict with the contradiction between reality and illusion. I see myself browsing the Internet with my SPC Concept, just like he rides his aged horse around the world back and forth.

Nevertheless, I remain optimistic. Besides, I signed up for the Gates Foundation as The Optimist. It was at the time when COVID - 19 pandemic hit our world. It was the right step for the Foundation to encourage optimism around the world. Now we can see results. The international co-existence of rich and poor communities exists, the COVAX vaccine is reviving ethical and intellectual virtues between the two worlds what seems to be an illusion before. I am sure that in the scale of foreign aid and subsequent cooperation represented exists a broad space for absorption of new technologies and creative international professionalism worldwide. I believe that this Letter will help initiate the next new future for the SPC Concept.

References

Genesis and more details of the SPC Concept are on www.5pforres.eu, and others more are under preparation of the following web-book2021. Anyone can get and read hundreds of exciting and actual articles related to the SED, DRR, and HA issues and other areas via the Internet and mobile connections.

With a link to Acadamie.edu services and opportunities to link academic people worldwide, I would like to add two articles supported by present email communication:

Li Bin, "The Birth of a Unified Economics, an Introduction to the Algorithm Framework Theory," The Acedamy.edu discussion forum, March 2021;

Ebinezer R. Florano, "The role of transnational actors in building climate-resilient cities: case studies on Dagupan City and Sorsogon City, Philippines," The Acedamy.edu discussion forum, March 2021