



2012

V o l u m e 12

**Prof Dr Timi Ecimovic and Prof Emeritus DDr Matjaz
Mulej**

Multilingual digital book

A n t h o l o g y 2 – 2001 - 2014

Content:

- 1. THE SUSTAINABLE FUTURE OF HUMANKIND – IV**
- 2. THE SUSTAINABLE FUTURE OF HUMANKIND – V**
- 3. THE MESSAGE IN SLOVENE**
- 4. SUSTAINABLE FUTURE OF HUMANKIND EXPERT NOTE**
- 5. THE PRINCIPIA NATURE 2.**

56 PAGES

2014



2012 was busy year with writing needed for action from sustainable development to sustainable future of humankind.

1.

In January 2012 we have published digital book “The Sustainable Future of Humankind – IV, Xiamen, China and after”, 246 pages. The authors are Timi Ecimovic, Roger Haw et al – together 49 researchers, scientist and people of good will have been co-operating or co-authoring this book. The list is in the book which follows:

Prof. Dr. Timi Ecimovic and Sir Prof. Dr. Roger Haw

Et al

**»The Sustainable Future of Humankind – IV, Xiamen,
China and after«**



**Zg. Medosi, Korte, Slovenia and Penang, Malaysia
January 2012**



The World Thinker's Panel on the Sustainable Future of Humankind

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»The Sustainable Future of Humankind IV, Xiamen, China and after«

Authors: Prof. Dr. Dr. h. c. Timi Ećimović, Sir. Prof. Dr. Roger Haw, et al.

Editors: Boris Maraž, B. Org. Sc, technical and Prof. Dr. Dana M. Barry scientific.

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Prof. Dr. Timi Ecimovic and Sir Prof. Dr. Roger Haw

Et al

**»The Sustainable Future of Humankind - IV, Xiamen,
China and after«**



**Zg. Medosi, Korte, Slovenia and Penang, Malaysia
January 2012**

Anthology 2 – 2001 - 2014



The Executive Summary

The book »The Sustainable Future of Humankind IV, Xiamen, China and after« is a corner stone book for implementing of the most advanced thinking/social technique for the sustainable future of humankind.

This is the fourth book on sustainable future of humankind and it deals with philosophical, theoretical and practical issues of importance for many people after the gala event in Xiamen, China on 25th September 2011 of the first public declaration of »The World Thinkers' Panel on the Sustainable Future of Humankind« »WTP-SFH«.

The present global population of 7 billion plus individuals representing Homo sapiens in the Biosphere of the planet Earth is not in best position given the challenges of the third millennium. The societal crisis is becoming deeper and deeper because of the climate change system impact changes causing huge losses to life and property.

The present time is described as the age of globalization and it, in fact, signifies the response of the Nature to the destruction abilities of humans on the global scale. Many technological advances, since steam engine invention in 18th century are questionable, in quality with regard to humanity's relationship with the Nature of the planet Earth.

The sustainable future of humankind and a harmonious living of humans in the Biosphere of the Nature of the planet Earth is a societal technique invented in the series of human actions toward a better relationship of humans with the Nature. Commencing with the »Club of Rome« in the sixties of 20th century and followed with the Stockholm conference (1972), »Our Common Future« report (1987), the Rio Summit and its reports in 1992 with Agenda 21 and Local Agenda 21 processes as sustainable development societal plan of action, 10 years after Rio – UN conference in Johannesburg, South Africa, 2002, witnesses the failure of humanity to deal with themselves in regard of its well-being.

Recent 99 % of people demonstrations are a result of miss-leadership with the poor money monster ideological thinking and acting of "the responsible" 1 % of humans. Many more complex and complicated issues are incorporated into the present of humankind community, but the worst is the lack of reasonable knowledge needed for the problem solving of the present 1 % who are defending benefits, and 99 % who lack the knowledge and has no idea how to react.

The third and maybe a very dangerous practice of agglomeration of the people within the urban environment is repaying debt to ancestors with establishment of the Homo urbanus, the urban people, and Homo slumus, the people of the barrack urban slums. It looks as the Easter Islands before the end of the humans living on them back in medieval times.

The present work, Sustainable Future of Humankind aims at offering the path for a long-time survival of human race within the Biosphere of the planet Earth.

The authors



The Executive Foreword by Sir Prof. Dr. Roger Haw

Professor Dr Timi Ecimovic is essentially a travelling environmentalist cum Social Scientist. Travel brings out the Scientist as well as the Slovenian in him. And he also takes up many missions and many attitudes as he goes along. This is the 4th book about the sustainable future of the humankind.

I met Professor Ecimovic the very first time at the International Conference on holistic concept of training for the promotion of sustainable development focused on European Integration for a better quality of environment and human life held at University of Mining and Metallurgy, Poland in 2002. Since 2002, both of us have been working and travelling together, we actively promote and encourage public to cultivate social responsibility practice with the objective to promote peace in the world. With him we walk, travel by road, rail, sea and air yet we don't question what and why for, in this books, he leads us to understand the platform of WTP-SFH's journey.

After attending the World Thinkers Panel on the Sustainable Future of Humankind (WTP-SFH) event held in Xiamen, China on 25th September 2011 which was organized by Ambassador Dato' Dr. Ang Ban Siong, again Professor Ecimovic has invited me to become co-author with him for producing this publication.

There will be two versions of this publication, one is a digital version published by SEM Institute for Climate Change and another one is a printed version to be published by an NGO - The Future of Humankind Culture Research and Development Company Ltd, Shenzhen in China as the very first series of bi-language publication.

World thinker is beset with all human beings and human beings are most complex of all machineries with a still complex mind and its reaction to environment. To be a profound world thinker we need to understand that it is a science with human understanding and warmth-selfless, dedicated and wise. To maintain this **“physical, mental and social well-being”** is our world thinker's responsibility. This shall be the responsibility of WTP-SFH's community in days ahead. **“We have to have a heart that never hardens, a temper that never loosens and a touch that never hurts.”**

There is enough opportunity for every one of us to handle our own future. Over the years things have changed. What was impossible a decade ago is now within easy reach of many of us. Once a monopoly for the rich and the influential, it is now a matter for the successful competitors. Therefore, the profession we have chosen is so dynamic in its progress that unless we are active and alert there is bound to be a dangerous gap between our knowledge and advancement.

Let all of us of today be the contributor of present and tomorrow to serve our nation better. Surely this publication will help readers in many ways to understand better about the important of this particular topic **“The sustainable future of humankind”**.

Roger Haw

President of The Future of Humankind Culture Research and Development Company Ltd , Shenzhen in China Chairman of the Ansted Social Responsibility International Award (ASRIA) and Chairman Executive officer – CEO of the World Thinkers' Panel on the Sustainable future of Humankind.

The Authors and other co-authors, co-operating scientist and researchers, and people of good will

Anthology 2 – 2001 - 2014



The authors Prof. Dr. Timi Ecimovic (1941), Zg. Medosi, Korte, Slovenia and Sir Prof. Dr. Roger Haw, Penang, Malaysia, and other co-authors, co-operating scientist and researchers by ABC are: Prof. Dr. Dana M. Barry, USA, Prof. Dr. Garfield Brown, South Africa, Prof. Dr. Truly Busch, Wolfenbuttel, Germany, Dr. Santhi Nath Chattopadhyay, India, Prof. Dr. Alexander Chumakov, Moscow, Russia, Prof. Dr. Elias Demirtzoglou, Greece, Prof. Dr. Jan Dobrowolski, Krakow, Poland, Hon Riccardoe Di Done, Montreal, Canada, Prof. Dr. Robert G Dyck, USA, Mag. Marija Alrnica Djurkin Ecimovic, Zg. Medosi, Korte, Slovenia, Prof. Dr. Mark Esposito, Grenoble, France, USA, Dr. Jagdish Gandhi, Lucknow, India, Prof. Dr. Jorn Hamann, Kronshagen, Germany, Prof. Dr. Zinaida Ivanova, Moscow, Russia, Prof. Dr. Sait Kacapor, Novi Pazar, Serbia, Prof. Dr. Igor Kondrashin, Russia and Greece, Prof. Dr. Slavko Kulic, Zagreb, Croatia, Dr. Renate Lavicka, Austria, His Holiness Vishwaguru Mahamandaleshwar Paramhans Swami Maheshwarananda, Austria and India, Prof. Dr. Alrxander Makarenko, Kiev, Ukraine, Natasa and Boris Maraz, Ljubljana, Slovenia, Prof. Dr. Glen T. Martin, Radford, USA, Prof. Dr. Jalil Mehrzad, Iran, Prof. Emeritus DDr Matjaz Mulej, Maribor, Slovenia, Dr. Mo'min M R Naser, Palestine, Prof. Dr. Philippos Nicolopoulos, Greece, Zorica and Svetozar Radonjic, Podgorica, Montenegro, Prof. Dr. Hakikur Rahman, Bangladesh and Portugal, Dr. V. Shanmuga Ratnam, Malaysia, Dr. Manuela Schhuttel, Prof. Dr. Mohamed Shahid Siddiqi, Canada, Ambassador Dato' Dr. Ang Ban Siong, Malaysia, Prof. Dr. H N Shankaranarayana, Bangalore, India, Prof. Shishir Srivastava, Lucknow, India, Prof. Dr. T N Sredhara, Mangalore, India, Prof. Dr. Rajarama Tolpadi, Mangalore, India, Prof. Dr. Fidel Gutierrez Vivanco, Lima, Peru, Prof. Dr. Seminur Topal, Istanbul, Turkey, Prof. Dr. Aleksandra Wagner, Kracow, Poland, His Eminency Senate Chhit Kim Yeat, Cambodia, Prof. Tang Shui Yuan, Xiamen, China,

Many more scientists and researchers have contributed by content of their research and we are grateful for their good work.



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The Foreword

The book »The Sustainable Future of Humankind IV, Xiamen, China and after« presents a work of many researchers world-wide. It is entering the space of the »Human project« within the Biosphere of the planet Earth at difficult times for the humanity. The intention of the researchers involved in this book is to open a possibility for a long-term survival of humankind.

The sustainable future of humankind is a result of a number of happenings within the human global community during the last 50 years.

First, the book presents a continuity of many of research works, publication etc. of many researchers around the globe. We would like to mention some: Late Prof. Dr. Helmut Metzner, Tubingen, Germany, late Prof. Dr. Georg Pethes, Budapest, Hungary, late Prof. Dr. Rashmi Mayur, New York and Mumbai, USA and India, late Dr. Elmar A. Stuhler, Freising, Germany, late Dr. T. P. Amerasinghe, Colombo, Sri Lanka, late Yogi Shanti, India, and a large number of researchers co-operating with idea and research work on sustainable development and sustainable future of humankind world-wide.

Out of many presentations, publications, talks, and lectures we would like to point out some recent works. After 20 years of research works we published "System Thinking and Climate Change System (Against a big "Tragedy of the Commons" of all of us)", T. Ecimovic, R. Mayur and M. Mulej, and co-authors, 2002, ISBN 961-236-380-3, a book of 302 pages, soft cover paper edition and a CD.

It was our first publication in the book form after many presentations worldwide on systemic background of the climate change and the Nature. It was introduction of the **climate change system**.

The next in line was the book "The Information Theory of the Nature, and" published in 2006, Ecimovic, ISBN 961-91826-1-8, the paper book, and CD. "The Environment Theory of the Nature", which was published in the book "The Three Applications of the System Thinking", Ecimovic, 2010, ISBN 978-961-92786-0-4, bilingual soft cover book and CD in Slovene and English followed, and the final part is »The Principia Nature – The Nature and Homo Sapiens Global Community« published on 1st of May 2011,

In co-operation with many scientists and researchers worldwide, we concluded two trilogies:

- "The Nature" is trilogy of: "System Thinking and Climate Change System (Against a big "Tragedy of the Commons" of all of us)", T. Ecimovic, R. Mayur and M. Mulej, and co-authors, 2002, ISBN 961-236-380-3, a book 302 pages, soft cover paper edition and CD; "The Information Theory of the Nature, and" published in 2006; and "The Three Applications of the System Thinking", in 2010,
- "The Sustainable Future of Humankind" is a trilogy of: "The Sustainable (Development) Future of Mankind", Ecimovic, Bunzl, Esposito, Flint, Haw, Mulej, Shankaranarayana, Wilderer, Williams, and Udyavar, 2007, ISBN 978-961-91826-2-8; "Sustainable Future, Requisite Holism, and Social Responsibility", Bozicnik S., Ecimovic T., Mulej M. and co-authors, digital book on sustainable future as the number two of the trilogy, 2008, ISBN 978-961-91826-4-2; and "The Sustainable Future of Mankind III" Ecimovic, Esposito, How, Mulej, digital book, ISBN 978-961-92786-2-8, 2010.
- The trilogies are followed by number of presentation 2011 and 2012, and are supported by the mentioned book »The Principia Nature – The Nature and Homo sapiens Global Community«, published on 1st of May 2011 and written by Prof. Dr. Timi Ecimovic, soft cover, 61 pages, paper book and CD, ISBN 978-961-92786-7-3.



On 25th September 2011 in Xiamen, China a gala event happened on which the declaration »The World Thinker's Panel on the Sustainable Future of Humankind« or »WTP-SFH« was announced.

The book »The Sustainable Future of Humankind IV, Xiamen, China and after« presents the actual commencement of the action plan for implementation of a new societal technique of the sustainable future of humankind, which is the continuity of the sustainable development from Rio Summit 1992.

The peoples of the world, our large group of researchers, over the last 50 years of the humankind history and present are opening a new path for a long-time survival of Homo sapiens in the biosphere of the planet Earth.

The Foreword

By Ambassador Dato' Dr. Ang Ban Siong, Vice President of the Future of Humankind Culture Research and Development, China

On 15th August 2011, Professor Dr. Timi Ecimovic, the first Chairman of World Thinkers Forum (WTP) suggested to a group of people to form an international new working panel named as "The World Thinkers' Panel on the Sustainable Future of Humankind (WTP-SFH)" as the second generation of World Thinkers' Forum. As of today, more than ten thousands of academicians, scientists, experts, professionals in various fields have joined this profound platform and our target is to achieve 20 million of registered individuals to support this platform by the year 2015.

In order to carry out these profound activities with the support of the China Government in approving our initiative, we have been given permission by the Government in China to incorporate a Non-Governmental Organization (NGO) named as "The Future of Humankind Culture Research and Development Company Ltd" on December 2011 in Shenzhen, China to pursue our mission. This organization can play a great role in creating awareness about the Sustainable Future of Humankind implementation and protection through publicizing the contents of the publication. We take this opportunity to thank the concerned Government in China and entities as well as individuals from various countries and continents to support our desired goal for the benefit of the Global Humankind Community and World Citizen

On 25th September 2011, it was the 1st time Professor Dr. Timi Ecimovic made an official declaration held at Xiamen, China and then suggested to publish this book entitled "The Sustainable Future of Humankind IV, Xiamen, China and after". It consists of compilation of research works done by many authors from various countries and continents.

This book has provided an amazing overview of the important paths that are shaping the humankind in this Earth. It will include reports, the Principia Nature, human destruction of the earth due to lack of knowledge, the social responsibility practice, irresponsibility activities and some recommendations to making the world achieve sustainable future for the benefit of society at large. In order to get as many people as possible from various countries to join hand together with us, the Founding members of WTP-SFH have decided to translate the declaration into various languages and we are expecting to achieve 25 languages by the end of January 2012 and hope more volunteers are able to assist us in translating to other languages that are still absent in this book.

WE hope that this publication will be useful for readers at large no matter where they come from or of what background thus it may not be an issue of joining this common goal for cultivating the awareness of the Sustainable Future of the Humankind to avoid disappointment for our future generations.



Ambassador Dato' Dr. Ang Ban Siong

The report on Xiamen, China gala event 25th September 2011

Let us commence with the philosophy. Prof. Dr. Fidel Gutierrez Vivanco, Lima, Peru, one of us, has prepared greetings for The Philosophy Day 17th November 2011 with the following reflections:

- Philosophy is a support of human life.
- Philosophy is a need for the conservation of humanity.
- Philosophy is the knowledge of the totality, reflecting the interaction between human beings and society, nature and universe.

About contradictions:

- The era of knowledge and man's destructive irrationality.
- Conservation efforts of individual and social human being and his self-destruction as a human species.
- The need for peaceful coexistence of humankind and the absence of intercultural dialogue.
- The need for integration of humanity and the absence of an education project for integration.
- The need for human being's universal formation for the global era and the absence of an education plan for universal formation.

Conclusions:

- The crisis of humanity reflects crisis of philosophy.
- The self-destruction of humankind is the failure of the philosophy that guides it.
- The philosophy of modernity has collapsed by the overflowing of the global era.
- The global crisis requires the revival of the philosophy of multicultural roots, for the integration of humanity.

The task ahead:

- Invent¹ philosophy for the integration of humanity.
- Systematize knowledge, integrating the philosophy and science for its application in education.
- Back to the principles of nature to rethink the philosophy for the integration of humanity.
- All human knowledge comes from nature and returns to it through education.

The world of humans and the Nature of the planet Earth as per history and the current time are more and more apart as per contents and continuum (please see "The Principia Nature and The Nature and Homo sapiens Global Community", Ecimovic 2011 displayed at www.institut-climatechange.si).

The natural sciences, the social sciences and the technical sciences could not protect humans from their dangerous impact over the biosphere of the planet Earth. Actually, it is the Biosphere crisis, which could end the history of humans, need more understanding by humans with aim not to destroy it, but to

¹ Original text has word »develop« which is not compatible with presentation. The Development is word from the economics and most common R&D – Resesarch and Development paradigm of industrial and post industrial era. The word »development« has no meaning for the Nature from philosophy view point. Prof. Dr. Timi Ecimovic - correction for this presentation.



find the path for a harmonious coexistence. The Nature “human project” needs for its continuum a new approach for a better tomorrow.

On 15th August 2011 the first draft of the declaration »The World Thinkers' Panel on the Sustainable Future of Humankind« was sent to initial authors of the declaration. By September 2011 the declaration was ready in English and on 12th September we received CIP ISBN from Slovenian National and University Library in Ljubljana (the capital of the Republic of Slovenia).

Initial authors - Prof. Dr. Dr. h. c. Timi Ećimović, Slovenia, Sir Prof. Dr. Roger Haw, Malaysia, Prof. Dr. Dana M. Barry, USA, Dr. Renate Lavicka, Austria, His Holiness Vishwaguru Mahamandaleshwar Paramhans Swami Maheshwarananda, Austria and India, Hon. Ricaardoe Di Done, Canada, Ambassador Dato' Dr. Ang Ban Siong, Malaysia, Prof. Tang Shui Yuan, China, Prof. Dr. Glen T. Martin, USA, Prof. Emeritus DDr. Matjaz Mulej, Slovenia, Prof. Dr. Alexander Chumakov, Russia, and Prof. Dr. Garfield Brown, Republic of South Africa agreed to have the first announcement of the declaration at Xiamen, China.

The event in Xiamen, a lovely sub-tropic area in China with 3.5 million inhabitants, was scheduled for the 25th and 26th of September as the “International Collaboration Celebration, Declaration of WTP-SFH, Academic and ASRIA Awards Presentation Ceremony 2011”, taking place on the 25th, and the “First International Conference on Protection of Land and Ocean” taking place on the 26th September 2011.

The declaration in English was translated into Chinese and was prepared as the “Xiamen Declaration”, written in both Chinese and English for the first announcement. On 25th September 2011 at a Ceremony in the Xiamen International Convention Centre (Xiamen Declaration) “The World Thinkers' Panel on the Sustainable Future of Humankind” was launched.

We shall include only parts from the book and with sub-title.

The scope and illustration of WTP-SFH platform coverage makes an important contribution towards explaining the broad system of WTP-SFH approaches. In view of the tremendous tasks with which humankind is faced, and in view of the multi-faceted potential offered by a vast variety it helps combine the forces needed to make this world a more peaceful place and to strengthen each individual's right to freedom of want, relief of fear and freedom to have a decent life in dignity.

The purposes of the WTP-SFH are to cultivate global peace and security by creating a friendly platform for building a relationship among nations, community, organizations, institutions and individuals at large through various groups of expert contributions under a common objective to make this platform a centre for having useful and practical forms on the sustainable future of humankind perspectives as part of human social responsibility practice. Therefore the set up in China will help in carrying out the mission of WTP-SFH particularly in China as a window of the world and global in general. To promote international environmental cooperation, monitor the world environment, coordinate sound environmental practices and promote the exchange of environmental knowledge and scientific experiences.

- To provide technical assistance to needy at large for improving the quality of life for all peoples through an improvement of human settlements.

- To assist in evaluating and supervising of drug control treaties and review lawful drug requirements and movements.

- To assist research and training institutions for the advancement of needy women and men to improve their status and integrate them into societies.



- To give assistance in human rights activities by promoting and protecting the enjoyment of all civil, cultural, economic and social rights.
- To create a platform for trade and improvement, promote international trade to accelerate economic improvement, negotiate multilateral trade agreements, and seek to harmonize trade policies.
- To seek durable solutions for solving refugee problems.
- To help needy countries to improve the quality of life of their children, through community based services in maternal and child health, nutrition, sanitation and education as well as emergency relief.
- To carry out research, training and information activities on prevention and control of crime.
- To undertake independent research on disarmament in international and national security.
- To maintain international peace and the promotion of economic and social improvement.
- To operate through worldwide networks of associated institutions, research departments and scholars to help to solve global issues of human survival, improvement and welfare.
- To invite and motivate worldwide professionals sharing skills on volunteer terms in WTP-SFH platform for improvement, humanitarian relief, peace and direct democracy.
- To work with needy country to set up national trade promotion programs for expanding their exports and improving their import operations.
- To assist in sourcing grants for sustainable human improvement, supporting projects and constructions in those needy countries.
- To help needy countries and economies in transition in their quest for peace, social stability, economic growth and sustainable future.
- To examine social improvement problems and policies with a view to improving the livelihood of the poor community and increasing their participation in future.
- To bring together representatives of government, organizations, labor and management to improve working conditions through international conventions, to increase labor productivity and to seek economic and social stability through cultivating social responsibility practice.
- To help to increase the output of farmlands, forests and fisheries and raise nutrition levels and standards of living.
- To free humankind from illiteracy, advance the spread of all types of arts and scientific knowledge, and increase international understanding through the exchange of research and learning activities, education, science and culture.
- To work closely with hospital and health organization towards the goal of the highest possible level of health for all humankind.
- To promote economic improvement through investments in private enterprise.
- To give advisory services to help countries create an attractive investment climate.



- To promote the protection of intellectual property such matters as copyright, trademarks, industrial design and patents.
- To promote industrial construction in needy countries and organizations, assist them to expand and modernize their industries, provide a forum for contacts and negotiations, and promote cooperation through supply and demand principles.
- To work closely with all kinds of academic and nonacademic accreditation agencies globally.
- To establish a collaboration with United Nations Organization networks and its non-Governmental Liaison agencies as well as NGOs in different parts of the world in evolving a new dimension of strategies to promote and cultivate the value of sustainable future of humankind.
- To provide support to Governments in new policy measures and initiatives to promote inclusive “societies for all” with the aim to ensure that individuals and communities are enabled to participate in society and contribute to a national better while enjoying basic fundamental freedoms.
- To organize events, to produce and compile series of publications in relation to all subjects related to the scope of coverage in WTP-SFH platform for the benefits of the world citizen that will become reference resources for users at large.
- To establish WTP-SFH system engagement with NGOs, civil society, the private sector and other actors as a vital role to play in meeting the challenges facing humankind across the globe and introducing the international goals as a peace building platform for the prevention of deadly conflict.
- To make possible a sustainable future by “From sustainability of local community to the sustainable future of global humankind community”
- To enable a sustainable future of humankind on the planet Earth or to reach harmony of humankind with the Nature of the planet. Those unlisted scopes of coverage at this point in time will be included in due course.

Team work, initiatives, inventions and innovations, best technologies and many more known approaches for better idea, work, organization, input and output, improvements, education, management and quest for better tomorrow of humankind will be incorporated to the daily work.

We know how small group of people we are, but our experience and knowledge has given us a possibility to open this new path for the survival of humankind. Our intentions are humanitarian, philanthropic, and a good will based work.

We know how many people have a chance to contribute to the sustainable future. We know how many people were working on the implementation of the sustainable development and Local Agenda 21 processes. We know what the results have been and what could be. Also we know the reasons for present. And we hope to have a large co-operation among the peoples of the World.

A decision about the implementation of this path for the survival of humankind through the sustainable future of humankind is not in our hands. We shall open the path and people should do their most important contribution. Each and one could contribute to a better tomorrow of himself, his family, local community, humankind and the Nature of the planet Earth.

Whether we work well or not it will be seen through the results. Therefore we are asking for the co-operation of each and one representative of present humankind global community.



Sir Prof. Dr. Roger Haw Boon Hong

25th October 2011

List of the Founding members and the structure of the WTP-SFH

As of 27th October 2011 the total number of officially registered Founding members in all categories of the WTP-SFH is 193 persons. This represents 24 countries and includes the following: BFM-9 persons, IFM-8 persons, EFM-43 persons, CCFM-12 persons and HFM-143 persons. On 25th September 2011, more than 1000 people have put their signatures on the WTP-SFH's Signatory Board upon entering into the event hall and over 100 conference participants VIP on 26th September and some of the said participants also signed in the WTP-SFH's declaration lists in Xiamen, China.

Structure of the WTP-SFH: All members of the WTP-SFH are volunteers

BOARD OF FOUNDING MEMBERS (BFM) - Apply to those persons who have started the World Thinkers Forum to promote sustainability and sustainable development of mankind in the early stage.

INITIAL FOUNDING MEMBERS (IFM) – Applicable to those persons who have been members of the initial group.

EXECUTIVE FOUNDING MEMBERS (EFM) - Apply to those persons who are willing to help run the office management of the WTP-SFH with the recommendation of at least 2 BFM.

COUNTRY CHAPTER FOUNDING MEMBERS (CCFM) - Apply to those persons who have agreed to serve as the contact point in a country that he or she is residing in. The person may or may not be a citizen of the country. This requires a recommendation by a minimum of 2 BFM & a majority of EFM.

DIPLOMAT FOUNDING MEMBERS (DFM) - Applicable to those persons who are working for a World Organization, NGO personnel and country government agencies to serve as a representative with the recommendation by a minimum of 2 BFM, 2 EFM and 2 CCFM.

CONGLOMERATE FOUNDING MEMBERS (CFM) - Applicable to those persons or companies that support the WTP-SFH mission, project activities, financial funding, edible products or technology patents transfer, and various types of sponsorship to help the development of the WTP-SFH nationally and/or internationally with the recommendation by at least 1 BFM, 1 EFM, 1 CCFM and 1 DFM.

HONORARY FOUNDING MEMBERS (HFM) - Applicable to those individuals who wish to take part as participants, witnesses, observers, general contributors and users of the WTP-SFH concept and approaches in the area of the sustainable future of humankind. No recommendation is required as all are welcome to join.

LIST OF THE BOARD OF FOUNDING MEMBERS (BFM) OF THE WTP-SFH:

PROFESSOR DR. DR. H. C. TIMI EĆIMOVIĆ (SLOVENIA), SIR. PROFESSOR DR. MAJOR ROGER HAW BOON HONG (MALAYSIA), DR. RENATE LAVICKA (AUSTRIA), HIS HOLINESS VISHWAGURU MAHAMANDESHWAR PARAMHANS SWAMI MAHESHWARANANDA (INDIA), HON. RICAARDOE DI DONE (CANADA), PROFESSOR DR. GLEN T. MARTIN (UNITED STATES), PROFESSOR EMERITUS DDR. MATJAZ MULEJ (SLOVENIA), PROFESSOR DR. ALEXANDER CHUMAKOV (RUSSIA), PROFESSOR DR. GARFIELD BROWN (SOUTH AFRICA)

TOTAL NUMBER OF PEOPLE IN THIS CATEGORY IS 9

LIST OF INITIAL FOUNDING MEMBERS (IFM) OF THE WTP-SFH:



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(GERMANY) MRS. MAKBULA BUSCH, MRS. EMINA BUSCH, MRS. MECHTILD FRANKE, MRS BETINA LUIS & MRS SABINE NOLTE (5)

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(SWITZERLAND) MRS DZANA ALUKIC (1)

TOTAL NUMBER OF PEOPLE IN THIS CATEGORY IS 142

List of conglomerate founding members – CFM:

1. Over 1000 people sign in for WTP-SFH during ceremony in Xiamen China.
2. Few 100 people sign in list for WTP-SFH at school in Xiamen

Presented list was in October 2011 and up to date many more researchers, scientist and people of good will joined WTP-SFH,



a. Self-destruction of Humankind due to Lack of Knowledge 1.

After authoring of trilogies “The Nature”, and “The Sustainable Future of Mankind” (please see at www.institut-climatechange.si) and after publishing “The Principia Nature – Nature and Homo sapiens Global Community”, Ecimovic, ISBN 978-961-92786-7-5, 1st May 2011, we have been researching self-destruction of the present humankind. As usually we are researching from zero ground position, meaning »let us see it as it is«. And of course it is impossible due to complexity and understanding. We are thinking to initiate complex problem solving, and present it as contribution toward better future of humankind. Let others contribute and improve situation.

The Nature – interpretation of the form and content of the Nature by humankind has got new turn. First the understanding of human sciences was questionable due to subjectivity of interpretation. Since commencement of the humankind it was never content of the nature under research but its form. So it is even today, and we think it is time to look and research deeply the content of the Nature.

With works presented at two mentioned trilogies, book “Philosophy of Globalization”. Alexander N. Chumakow, Moscow, Russia, 2010, ISBN 978-5-317-03386-6, and books “The Three Applications of the System thinking”, Ecimovic, ISBN 978-961-92786-0-4, 2009, and “The Principia Nature – Nature and Homo sapiens Global Community”, Ecimovic, 2011, are opening new horizons for the nature content researching.

Humankind took approximately 200000 years to meet globalization ages and generally talking we may say: “Our technological improvements are so successful that some of them are as a potential threat to self-destruction of the humankind and destruction of life on the planet Earth”.

Let us commence with globalization, culture cum civilization affairs at 2011. In our opinion and research we have exposed in the mentioned literature, we think the technological improvements of the humankind is not beneficial for long-time existence of humankind on the planet Earth.

Present human population is facing lack of food, drinking and sanitary water, living space, and habitation. It is the worst situation and trend since commencement of humankind. With urban centers we are experiencing life of humans within fragile environmental qualities, which does not support living.

The reason for technological advancement of humankind could be connected with early research of algebra and geometry of ancient Greeks and scientists of great cultures of antiquity – China, Egypt, India, and Persia. Somehow with evolvments of history, mathematics got the role of scientific language. As side-effect the mathematics become ruler of the development done by humans. It was the humankind's way of thinking, writing and measurements needed for technological improvement and constructions. All natural sciences have been influenced by mathematics and consequently major research has been done on form and contents have been neglected. Antiquity was time of settlement and improvements of the social issues. In some time it was time when the humankind chose the constructions on the ground as the basic form of constructing houses or monumental buildings. We are discussing the time of around last 1.000 years B. C.

As result the urban centers become protected against destructions, which could be done by humans. It was in reality commencement of the human local environments, urban centers, ports, military barracks, roads, aqueducts, temples and light houses. Major protecting walls have been invented, and improvement of the armaments and military techniques become the most important issue of humanity. It was time of tribal movements to new territories, first written documents and commencement of the philosophy and scientific research works. The social improvements resulted with great kingdoms of the ancient world. It was time of ancient Roman and as Roman, Titus Maktius Plautus invented saying



“Homo homini lupus” or “Men to men wolf”. It took humankind 3000 years to invent nuclear destructing devices, and finally globalization.

So by 2011 we may report the following high dangerous technologies, which could end the humankind's present civilization. Let us commence with nuclear technologies.

1. **Nuclear technologies** are humankind inventions as technologies for mass killing of humans. Of course they are present in the Nature, as a part of the matter/energy transformation, construction of the stars, and many other phenomenon of the Nature. Humankind's research on the atoms and particles resulted with high tech mass killing armaments (Nuclear Winter), nuclear power stations, and many other innovations of nuclear research practical use. Ecimovic made at many occasions statement connected with nuclear technologies: “Nuclear research should remain locked within research laboratories”. The threat of humankind's whatsoever use of nuclear technologies is **number one threat for planetary life on the planet Earth**.

We are recommending moratorium for use of nuclear technologies by humans. Secondly the research and any experiments with nuclear, particles, matter/energy transformation should not be carried within the planet Earth requisitely holistic system + (Earth body, atmosphere, Moon and 3 million kilometers from the planet Earth surface).

The present human experiences did not open reasonable possibilities for safe use of nuclear technologies. In status quo of the biosphere humans could have a safe use, but the biosphere and planet Earth system is never at status quo, but always is moving according to its evolvement. Recent earthquake in Japan has opened reality of our use of nuclear technologies. It should never happen again. Our global humankind community, globalization, culture cum civilization could not be happy with its leadership during last 200 – 300 years due to catastrophic possibilities, which could end present biosphere, humankind and other living creatures on the planet Earth.

Our proposal for management of the nuclear technologies is opening possibilities for sustainable future of the global humankind community.

2. The second most dangerous natural phenomenon is **the climate change system**: due to humankind's interference with nature, and because of humankind's lack of knowledge about the nature's operation systems has been triggered and the climate change system is on the move. Predicting of the quality of the biosphere environment in future is not possible, and the global humankind community has to undergo a long way of sustainable future social technique improvement which may in future assist survival of the global humankind community.

The climate change system needs future research co-ordinated from one center. The option of survival is closely connected with ability of present global humankind community to understand the Nature, the climate change system and many more systems of the nature. We are proposing rethinking of present knowledge on the nature itself and the nature phenomenon knowledge, and establishment of the center for global studies of the Nature. It is prerequisite for success.

3. **The global humankind community population explosion** is not properly researched and understood, and as result we have population explosion. It is no question whether the planet Earth has enough resources or not. The population explosion is the natural phenomenon, which is ending bad impact of the certain evolution process. System thinking, holistic approach, and knowledge should assist global humankind community to work out proper complex problem solving technique. Definitely it is connected with sustainable future of humankind, and actually it is corner stone issue for future of humankind on the planet Earth. Humankind should understand issues of population explosion, consequences, and on the basis of reality and knowledge it should agree on the path for survival – sustainable future of humankind. Our proposal is to undertake path of sustainable future of



humankind - »From sustainability of local community to sustainable future of the global humankind community«.

4. The global humankind community's synthetic chemical research and production has been extraordinary successful. Today we estimate that at present synthetic chemical research and production recognize synthetic chemical substances and compounds in millions. The problem with synthetic chemical research and production is not in techniques or production technologies, but is in global humankind community's relationship with this field of activity. There is none negative attitude towards synthetic chemical research and production and many well-known scientist and The Nobel Price recipients are among synthetic chemical researchers. But let us take a closer look at this global humankind community's activity. Science beyond the synthetic chemical research and production has no connections with knowledge of the Nature. All chemical activity in the Nature has got its reason, but in many cases humans do not understand it.

The synthetic chemical knowledge of humanity has its basis in the relatively easy knowledge and experimental work. With development of chemistry it was possible to make synthetic chemical compounds using different techniques. As a result many known chemist invented countless number of synthetic chemical products. The use of them, production and commercial success was only important. Almost all of synthetic chemical products of modern humanity have no research on short, medium and long term consequences of them to the natural contents. Pesticides would never be in use, if humankind knew of their medium and long term destructive and pollution abilities in the natural environment.

In theory or academic discussion we think, it is possible for chemist to invent synthetic chemical products, which could commence chain reaction in the air, and as result the oxygen from the air could get status as was during primordial times – zero. It happened with CFC's and commencement of the ozone protection band destruction, If humans did not learn of chlorine atom destruction ability to break ozone molecule, today there would be not many living creatures within the biosphere of the planet Earth. The biocide rays, if not stopped by ozone protection layer would end the present life forms including humans. We are recommending moratorium on use of synthetic chemicals without proper knowledge of them and their interference with the Nature.

5. The leadership of global humankind community – at present we have chaos of national and international leaders, of whom there is non-able to handle global issues successfully. Even worse, the present humankind has leadership of money master monster system including national, international and all other forms of money, banking, insurance and other financial activities. Real value of the money is many fold artificially increased, and people handling money issues are not able to put it into real present.

Money as system should have deep rethinking to be again useful assistant to humankind and not a ruler, master, monster, and whatsoever as it is today.

We are recommending leadership of global humankind community as direct democracy, world federation constitution, world parliament and world government, which will with morality and wisdom govern global humankind community affairs.

Self-destruction of global humankind community under leadership of master monster money system is just a matter of time.

6. The technology management – a number of technologies in use are very dangerous for possible self-destruction. To mention some: GMO and GMP are technologies based upon form of genetic code and generally are issue of experiment; Particles research should be carried out at minimum of 3 million kilometers far from the planet Earth; Wars and armaments development including human mass



destruction means either physical, chemical or biological has no place at planet Earth; On ground constructions and mega concentration of humans at one location (mega cities) are most fragile environments for humans to live at, and should be rethought as form of shelter for humans; Use of natural environment for transition to the human artificial environment – towns, roads, railways, airports, ports, military complexes, education centers, hospitals, sport centers, etc. are taking more and more natural environment space, which practice should be revised; transport technologies, space and universe research and development should clean and reduce waste deposition within the planet Earth space, and etc.

Any technology management should have clear vision of possibilities for destruction in short, medium and long term use.

The list of possible self-destructions of humans by humans could not be concluded, because the activities are innumerable and many new innovations are coming without the knowledge of their short, medium and long term use implications within the natural environment of the planet Earth.

Conclusions

Our intention with this presentation is not to correct the present humankind practices and life styles but to commence long term processes guided by morality and wisdom; this we hope is our contribution towards life of our and all humankind's descendants.

The book is displayed at www.institut-climatechange.si

2.

During December 2012 we published fifth book on the sustainable future of humankind. The book “The Sustainable Future of Humankind – V, the Action Plan” is digital book 102 pages, authored by Timi Ecimovic, Roger Haw et al, ISBN 978-961-93136-7-2, December 2012. The parts from this book are as follows.

Prof. Dr. Timi Ecimovic, Sir Prof. Dr. Roger Haw et.al.

“The Sustainable Future of Humankind - V, the Action Plan”

Anthology 2 – 2001 - 2014



SUSTAINABLE DEVELOPMENT & SUSTAINABLE FUTURE OF HUMANKIND



**Zg. Medosi, Korte, Slovenia and Penang, Malaysia, December
2012**

The World Thinker's Panel on the Sustainable Future of Humankind

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»The Sustainable Future of Humankind - V, the Action Plan«

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Editors: Boris Maraž, B. Org. Sc, technical and Prof. Dr. Dana M. Barry scientific.

Authors Statement

If you, as a human of good will, wish to use this book with a required respect, reason, morality and wisdom for peace and a sustainable future of humankind, please feel free do so at any time.

Prof. Dr. Timi Ecimovic

Sir Prof. Dr. Roger Haw

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Prof. Dr. Timi Ecimovic, Sir Prof. Dr. Roger Haw, et al.

“The Sustainable Future of Humankind – V, the Action Plan”

**SUSTAINABLE DEVELOPMENT & SUSTAINABLE
FUTURE OF HUMANKIND**



**Zg. Medosi, Korte, Slovenia and Penang Malaysia, December
2012**



Foreword – Executive Summary

»The Sustainable Future of Humankind – V, the Action Plan« is the fifth book on sustainability of humanity or in other words the sustainable future of global community of humankind, which is »***The Sustainable Future of Humankind is Harmonious Complementary Coexistence of Global Community of Humankind and the Nature of the planet Earth***« as short definition.

The commencement was after numerous presentations, publications, discussions and talks on the sustainability world-wide, and the first paper and a digital book was »The Sustainable (Development) Future of Mankind«, 334 pages and CD, Ecimovic, Bunzl, Esposito, Flint, Haw, Mulej, Shankaranarayana, Wilderer, Williams and Udyavar», 2007, ISBN 978-961-91826-2-8. It was the first book of the trilogy on sustainability. Following was a digital book on CD only, »Sustainable Future, Requisite Holism, and Social Responsibility«, Bozicnik, Ecimovic, Mulej, 2008, ISBN 978-961-91826-1-8, and the third digital book was »The Sustainable Future of Mankind III«, Ecimovic, Esposito, Haw, Mulej, 2010, ISBN 978-961-92786-2-8. Fourth book was digital book »The Sustainable Future of Humankind - IV, Xiamen, China and after«, Ecimovic, Haw et al, January 2012, ISBN 978-961-93136-6-4 (pdf). In this book 49 researchers, scientists and professors have been co-operating.

This fifth book, a digital one, »The Sustainable Future of Humankind – V, the Action Plan« is a part of implementation of the sustainable future of humankind. Commencement of the implementation was in October 2012 when three presentations and messages were sent out via Internet. All will be presented in this book.

The sustainable future of humankind is a methodology, social technology or technique coming from a sustainable development. On such way it is an improvement for sustainable development mainly because of taking the real Nature as such and the Nature of the planet Earth as the most important part of the solution for a long life of Homo sapiens on the planet Earth.

On 25th September 2011 in Xiamen, China the declaration »The World Thinker' Panel on the Sustainable Future of Humankind» »WTP – SFH» was announced, which is later on included as it is. The declaration was a first step for the implementation of the sustainable future of humankind on the planet Earth.

Quite a large work was done during 2012 resulting in this action plan with reasons for a better tomorrow. Let it be an introduction of needed evolvement of humanity to meet challenges of 21 century.

We wish you interdependence, interaction and co-operation for needed peace, respect, morality, wisdom and sustainable future of global community of humankind.

Authors



The Authors

The contributions within this book have been worked out by many researchers, scientists and people of good will because of humanitarian goals we are trying to implement. Authors are:

Prof. Dr. Timi Ecimovic, Zg. Medosi, Korte, Slovenia, and Sir Prof. Dr. Roger Haw, Penang, Malaysia, researchers, scientist, and people of good will as - et al - by ABC:

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This work was progressing with ups and downs for 25 years, and many researchers worldwide have been contributing. Let us mention a few, who are not with us anymore: Late Dr. Terence P. Amerasinghe, Colombo, Sri Lanka; Late Dr. Elmar A. Stuhler, Freising Germany; Late Prof. Dr. Rashmi Mayur, USA and India; Late Prof. Dr. Helmut Metzner, Tübingen, Germany; and Late Prof. Dr. George Petesh, Budapest, Hungary.

Our gratitude is also for all not mentioned members of the SEM Institute for Climate Change, World Thinkers' Forum, The World Thinkers' Panel on the Sustainable Future of Humankind or WTP – SFH, ANSTED University family world-wide and Malaysia, The World Philosophical Forum, Athens, Greece, International Institute for Sustainable Future, India, WACRA Europe, World Constitution and Parliament Association, Organization for Protection of the Children, Canada, Provisional World Parliament, Slovenian Ecological Movement, The United Nations and many others.

Our intention is to bring a sustainable future of humankind to the global community of humankind.



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Executive Foreword

By: Prof. Emeritus Dr. Raoul Weiler, World Academy of Art and Sciences, and Club of Rome EU-Chapter

More than half a century has already passed and still humankind looks after significant improvements of the earth's system condition. Since the publications of Rachel Carson's book *Silent Spring* (1962), the ones on *Gaia* (1965 and on) from James Lovelock and the launching of the sustainability concept with the Brundtland report -25 years ago- *Our common future* (1987), quite some time was available for appropriate actions. However, at world scale, not much has happened to reduce the burden of the human activities on the eco-bio-system.

A slow process of public awareness about the status of the environment and the intensity of pollution by human activities started to be recognized. A considerable amount of scientific knowledge has been accumulated and contributed substantially to this awareness process: the phenomenon of Climate Change and the earth's Global Warming were identified. Eminent scientists and space research made significant progress in understanding the complexity of the processes of global warming, especially during the last 25 years.



In fact the entire planet is threatened by human activities, and their intensity continues to increase everywhere: atmosphere, ocean-sphere and the hydro-sphere and the Geo-sphere are all implicated. Life is threatened systematically together with a growing human population density, rising from app. 3 billion in the early nineteen sixties to >7 billion people today, and expected to become ~9 billion people in 2050. Where are humanity and the planet heading to? An existential question for the human species!

International bodies have joined the awareness movement and the UN organized World Summits on Sustainable Development with regular follow ups, protocols were signed for reducing the output of GHG, the international panel on climate change was created for the assessment of scientific papers resulting in the publication of 4-5 year reports about the climate evolution on earth. Political leadership participated. The appeal, by scientists and NGOs for urgent intervention were listened to, at least in the beginning, creating a strong movement for action in the nineteen nineties and the beginning of this century, to reduce the impact of human activities on the natural environment.

The expectations of the scientists and the larger public of the climate conference in Copenhagen in 2009 and the ones later have not been met, resulting in a growing skepticism about the ability of the world leadership and UN bodies to make progress and reach agreements for answering the urgency claim for action. The numerous international conferences have confirmed this inability, leaving the world community with a *business as usual* (BAU) way of doing, instead of motivating governments for action all over the planet.

The absence of decisions and actions has led to a vacuum of non-progress. In developed countries the increasing awareness by the larger public is creating a movement within civil society for moving ahead. In a similar way, the green movement of the nineteen sixties emerged from civil society without any political support, at the start at least.

Indeed, the present political inability and the created vacuum stimulate civil society to take initiative. The challenge is enormous the time scale for observing results of the interventions taken is much longer than the very short term time scale of political processes, even of the business world. The lost time of the past half century, not only will need much higher investments and postpones the appearance of visible results, e.g. in particular the stabilizing resp. the reduction thereafter, the global warming process.

The fundamental question arises: can the Western societal concept or World vision, which inspires the scientific, technological and economic and societal behavior, build a sustainable society or system? Apparently is not. Indeed, in the Western civilization, humankind has been defined 'master' of the 'natural' world system. This is based on the assumption that the human species is the superior being within the living world and therefore is allowed to play the dominant role. Additionally, the 'natural' environment and the earth's resources are for free use.

These fundamental premises of the Western civilization have to be questioned. Can a civilization maintain itself over millenniums with industrial activities based on free use of natural resources? The global decoupling of human societies with the natural environment is hardly possible to sustain. The present anthropocentric world view with its roots in some



religious beliefs is not sustainable either, for the decoupling with nature is inherent in these beliefs. Consequently, the world society has to evolve to eco-bio-centric world vision for the sake of its own survival and eventually for the survival of the bio-sphere of the planet.

As has been outlined in the present book, the harmony between the physical and the natural worlds must become the guidance for future development. The present Western assumption of a free earth and endless wealth is a contradiction in terms. Changing the mindset of the world community will take a long time, however it has to start and the today's conditions appear, for first time, more appropriate then decades ago.

Education, education and education, as mentioned rightly in the book, is a necessary step for enlightening the younger generations on which type of earth and planet they will live on and their generations thereafter.

Preparing the young generations for taking the necessary initiatives, which the present and past leadership have omitted to do, is an extraordinary mission. Without education one cannot solve world problems.

The utmost importance of education can be illustrated with a demographic example.

Reducing demographic evolution, through education of girls and women is an obvious case, however barely applied in countries with fast growing population. Astonishingly enough is the fact that the world demographic trend observed today, has been predicted for more than a century and its remediation through education as well. It is still not too late, but why decision makers do not act?

Education applies as well to the young generations in the developed world, the new insights about the planet and the threats on the human species must be communicated. Sustainability for the future has become the objective of and for the young generation.

The present series of publications, in particular the *Part V - The action Plan*, is very important and extremely useful. The way of looking on the sustainability has evolved strongly in the past half century. The complexity of the situation has been recognized as well as the non-linearity of the several phenomena. However, they do not facilitate a global understanding: for the time horizon of 2020/2030 it is already too late, rather 2050 has to be looked at.

Em. Prof. Raoul Weiler
World Academy of Art and Science
Club of Rome EU – Chapter

“Human project” at the biosphere of the planet Earth or epic song on humanity since the birth some 200000 year ago has been evolving successfully to the present. By other words with the evolvement of complex abilities of humans we may see general directions of the evolvments within the civilization as:

- Ecological civilization as one of recent evolvments after sixties of the 20th century,
- Political civilization as soon as social life evolved to the level of governance some 12000 years ago,



- Economic civilization since the steam engine was invented in the eighteenth century,
- Social civilization as a result of new evolvement for a better tomorrow of humanity regardless the civil status of people, and
- Cultural civilization as old as humanity and the main content of the humanity epic song.

At present due to better communications and technical assistance the scientific and applied research has opened new horizons for understanding of complexity of the Nature of the planet Earth and The Nature generally. Today science is asking for interdependence, interaction and co-operation of all contents within The Nature in general as well as within the “human project” of the present civilizations on the planet Earth.

Dependences like the quality of environment of the biosphere to which all “living nature” has to adjust are asking for a better protection of the nature, space and environment; better respect, reason, morality and wisdom within political, economic, social and cultural civilizations; sustainable development and sustainable future of humankind are asking for a better follow up of the nature or needed harmonious complementary coexistence of humanity and the nature of the planet Earth.

We think the epic song of present civilization will continue with an opportunity and hope for a better tomorrow for the “human project” under conditions of improvement of the education system, understanding for needed peace, prosperity, respect, reason, morality and wisdom, which will allow continuum from ancient Confucius, Buddha, Zarathustra, Socrates, Plato, Aristotle and other great minds of humanity to present.

The Authors

The Report – how we have come to this fifth book

This work is the result of 25 years of scientific theoretical and applied research. For many authors of this work it is even more, exceeding 40 years of research work. As we are caring and concerned about the sustainable future of humankind, what we have tried in this work is to put together a framework of thought for the implementation of an effective policy for the sustainable future of humankind.

We are using modern research methodological tools like system thinking, philosophy, complex problem solving, case studies, requisite holism, operational research, global studies and globalization, and classical methods of scientific work.

In our research we have been following not only general history of Homo sapiens’ civilization but also the outcome of the thinking of the great human minds as much as possible. We have been observing happenings of the last 60 years, that are fast changing the heart of the present Homo sapiens’ civilization, and the quality of the environment of the Biosphere. Ours is a holistic approach as such we are aware that the planet Earth is a small part of the larger solar system, galaxies, and the Universe, and as such the Earth system has a greater degree of interdependence on a much larger system beyond its own. Our holistic approach, which requires interdependency, interaction and co-operation, is opening up numerous blind streets, which have been invented by humans, but did not do well for the Nature of the planet Earth, to which we all have to be interdependent, interacting and co-operating.



The sustainability journey of our civilization has commenced at some time as Homo sapiens evolution, but due to historical options today it does not look good for our humanity.

The sustainability has been discussed at many gatherings of humans for last 25 years but only recently it has gained a new challenging importance. We shall not discuss all this countless experiences but we shall look at present and sustainability as an option for the future of global community of humankind.

As a result the sustainable future of humankind a methodology has a central position in our work. On 25th September at international gathering in Xiamen, China the declaration “The World Thinkers’ Panel on the Sustainable Future of Humankind” was presented. The responsible participants commenced forming an organization and all needed for implementation of the work on the sustainability of humanity. It is somehow a next step or an evolvement of the known “sustainable development” work, from Stockholm, Rio Summit, Rio + 10 years, and Rio + 20 years after 1992 Rio Summit international gathering.

The message

Zg. Medosi, Korte, Slovenia, October 2012

To whom it may concern!

Dear Friends, colleagues and researchers!

It is a message from me to you

“The global community of humankind needs to move from a sustainable development to a sustainable future of humankind, which means: ***The Sustainable Future of Humankind is a harmonious and complementary coexistence of the global community of humankind and the Nature of the planet Earth.*** We need 7 billion trees planted in one year and so on every year – parents for children and children for parents. For this we have to be responsible and have peace, respect, morality, wisdom and sustainable future. Please send this message to relatives, colleagues and friends as”:

As Timi has sent me a message:

“The global community of humankind needs to move from Sustainable Development to Sustainable Future of Humankind and has to plant 7 billion trees in one year and so on every year – parents to children and children to parents. For this we have to be responsible and to have peace, respect, morality, wisdom and sustainable future”.

Timi

(Prof. Dr. Timi Ecimovic, timi.ecimovic@bocosoft.com and www.institut-climatechange.si please, when sending message copy to me for records only, thank you).



The Presentations as attachments to the message

The message was supported with three presentations: “The Sustainable Future of Humankind – Roots and Present”, Ecimovic, Haw, Weiler et al, “The Report on Education”, Ecimovic et al. and “The Philosophy of Sustainable Future of Humankind”, Ecimovic et al.

However we are presenting results of our research with intention to open a possibility for a better understanding of needed transition from the sustainable development to a sustainable future of humankind.

Homo sapiens global community 7 + billion individual representative as one of a social creature community at the Nature of the planet Earth has got a dangerous foot print at the biosphere. Present Homo urbanus² estimates are around 4 billion people, and Homo slumus estimates are around 2 billion people, and the rest of the global community of humankind estimates are 1 + billion people with their systemic input and output are putting more and more burden to the balance of the nature system of the planet Earth. Systemic background of the nature is requiring more attention from “living nature”³ not to disturb equilibrium, which is needed for a long lasting of the present environmental conditions.

The global community of humankind with its own footprint or systemic input and output is closing the final border of a healthy balance at present of the nature of the planet Earth or Biosphere system. Possible consequences could not be foreseen because of many systemic responds options, and all of them are changing the present environmental qualities to which all “living nature” creatures have to get accustomed. Within the biosphere of the planet Earth system only existing are successful creatures⁴.

Whether the global community of humankind system will last longer or not – the answer is within us and our abilities for understanding the present. We think the answer is within a hope and an option of sustainable future of humankind as the hope and the option for us to survive challenges at the 21st century.

Our final message is of good will with “hope and opportunity”⁵ option and universal education for implementation of the sustainable future of humankind.

Our option is to act as a universal system of Homo sapiens global community within the nature of the planet Earth as a harmonious complementary coexisting part of the “living nature”.

“Living nature” system is a moderator of living conditions at the biosphere, which has to have a balance with other systems of the planet Earth. The sooner the better, we need sustainability for a long lasting at the biosphere of the planet Earth.

² »Homo urbanus« are people living within urban environment and »Homo slumus« are people living within the barracks, slums environment.

³ »Living nature« conditionally used expression because the Nature as whole is living system.

⁴ Charles Darwin, 19th century.

⁵ As it is stated at »Our Common Future« report.



The Report on Education

Let us continue with recent report on education.

Zg. Medosi, Korte, Slovenia, October 2012

Re.: Report on a 60- day- research mission in June and July 2012 - by Prof. Dr. Timi Ecimovic, et al⁶

Et al - are researchers, professors and colleagues who somehow contributed to this report. The truth is that without them the Report would not have seen the light of day.

The Report on Education

This report has been rewritten with suggestions from colleagues already mentioned as co-authors. The global community of humankind needs peace, respect, reason, morality and wisdom for the next historical step to reach a sustainable future during the 21st century.

Introduction:

With the evolvement of the sustainable future of humankind - societal methodology, technology, and societal technique, which could have short definition as ***“The Sustainable Future of Humankind is Harmonious Complementary Coexistence of Global Community of Humankind and the Nature of the planet Earth”***, and by means of the written contributions of the trilogy, two other books, and the Xiamen Declaration “The World Thinkers’ Panel on the Sustainable Future of Humankind”, Xiamen, China, 25th September 2011, which has already been translated into 30 languages, we have opened new frontiers for the sustainable future of humankind and a possible long term survival of humankind on the planet Earth. The goal of this research mission was to find which cornerstone issue was the most influential on the present status of the global community of humankind, within the framework of the numerous problems that we are dealing with.

There are a number of issues which are preoccupying human society – The Monster Master Money Leadership; The Basic Land, Water and Air Environments or Biosphere; Human Eco Sphere; The

⁶ Et al - Prof. Dr. Raoul Weiler, Belgium,; Sir Prof. Dr. Roger B. Haw, Malaysia, Prof. Dr. Igor Kondarshin, Russia and Greece, Prof. Dr. Fidel Gutierrez Vivanco, Peru, Prof. Dr. Truly Busch, Germany, Prof. Dr. Sait Kacapor, Serbia, Prof. Dr. Ostojic P Negoslav, Serbia, Prof. Dr. Jorn Hamann, Germany, Prof. Dr. Daniella Tilbury, UK, Prof. Dr. Dana M. Barry, USA, Dr. Renate Lavicka, Austria, His Holiness Vishwaguru Mahamandaleshwar Paramhans Swami Maheshwarananda, Austria and India, Hon. Ricaardoe Di Done, Canada, Ambassador Dato' Dr. Ang Ban Siong, Malaysia, Prof. Tang Shui Yuan, China, Prof. Dr. Glen T. Martin, USA, Prof. Emeritus DDr. Matjaz Mulej, Slovenia, Prof. Dr. Alexander Chumakov, Russia, Prof. Dr. Garfield Brown, Republic of South Africa, Dr. Moamen Nassr, Palestine, Madam Ingrid Mula Pons De Wall, UK, Prof. Dr. H A Shankaranarayana, India, Prof. Dr. T N Sredhara, India, Prof. Dr. Rajarama Tolpady, India, Prof. Dr. Jagdish Gandhi, and Prof. Dr. Shishir Srivastava, Lucknow, India, and Anita Hrast, Maribor, Slovenia.



Local, National, Regional and Global Societal Structures; Scientific and Applied Research; Individual and Corporate Social Responsibility; Security, Military and War Issues; Agriculture and Food Supply Situation; The Drinking Water Supply; The Climate Change System Impact; The Protection of Nature, Space and Environment Happenings; Understanding of the Nature System, Universe System, Milky Way Galaxy System, Solar System and Planet Earth System; Understanding of the Nature of the Planet Earth System; The Biosphere and Impact of the Global Humankind Community; The Education System; and many more aspects of human life.

We have been researching a philosophy of them, and possibly of the long term survival of the humanity on the planet Earth.

Due to the population explosion, and considering historical, philosophical, scientific, industrial, war and armaments, societal, urban constructions and inhabitations of Homo urbanus⁷ and Homo slumus⁸, and other respected heritages, we took a close look at Education and the Teaching of humans from birth through their whole life-span.

We think that the Whole Life Education System could improve the existence and survival of the global community of humankind on the Journey to a Sustainable Future.

Discussion:

Confucius (551 – 479 BC) Chinese, according to the book “Confucius - A Philosopher for the Ages” by Xu Yuanxiang, 2007, Confucius is considered to have contributed priceless values of morality and wisdom to humanity. As a thinker and educator in Chinese history, he is known as the first educator in a private school, which was the commencement of the education system among humans world-wide.

Far from China three great philosophers in Greece also contributed great legacy to the education system: Socrates (470 – 399 BC), Plato (427 – 347 BC) and Aristotle (384 – 322 BC). It was a contribution of reason, morality and wisdom for the western civilization.

More than 2000 years after the inspiration by them the possibility of establishing a vanguard of the Earth population – “Citizen of the Earth – XXI” has been presented. Please see <http://wpf.unesco-tlee.org/eng/socr-sch.htm> . The World Philosophical Forum from Athens, Greece, has an important role to play for the upbringing of reason, morality and wisdom of the global community of humankind. You are welcome to cooperate.

Charlemagne (742 - 814) the King of Franks (768 – 814) was working on the same question regarding the education system in his kingdom. As a result he introduced a number of knowledgeable Roman Catholic Fathers and monks, who educated the Franks. Consequently, even today France is among the most educated nations in the World.

On the home page of the World Philosophical Forum, Athens, Greece, there is an exceptional presentation of the distribution of the mentality and understanding of the individuals in the global community of humankind. In summary it reads as follows:

Mentality of present humans - 2012

XXI century up to 5 %

⁷ Homo urbanus is the inhabitant of the constructed urban areas. By 2040 approximately 5,6 billion people will be Homo urbanus.

⁸ Homo slumus is the inhabitant of the slums or barrack centres. By 2012 the number of Homo slumus are estimated at 2 billion, and it is included as part of Homo urbanus.



XX century		10 %
IXX century		20 %
XVIII century		15 %
XVII century		10 %
XVI century		10 %
XV century		10 %
XIV century		10 %
XIII century	up to	5 %
Before XIII century	up to	5 %

And the distribution according to abilities is

Geniuses, philosophers, personalities	very few
Intelligent people	1 %
Intellectuals	3 – 5 %
Citizens	10 – 50 %
Humanitarians	10 – 50 %
Philistines	30 – 70 %
Mental underdeveloped	10 – 30 %

We did not challenge these numbers but we looked at them philosophically as a way to contribute to our thinking process. Through our research we have come to conclusion that the present **education system** is most **responsible** for the present status of the human society.

The second most important reason is the lack of the mother's ability to transfer the needed knowledge and experience to her children from birth to school age. In a modern society within the human eco sphere – mostly urban environments, mothers may lack the time to properly educate their new-born children until they are of the age to attend school. The mother is the first educator of a new-born child. If a mother does not know that she has to educate her children, then she does not transfer the knowledge or is not able to do so. This is a common occurrence in urban societies, but is less common in rural areas.

However the formation of the mothers is a result of the education system. The inability of mothers to transfer their knowledge and experience also reflects the failure of the education system.

Mothers must learn basic information about the nature of the planet Earth and its systems, and about the need for a harmonious complementary coexistence or life between humans and Nature. The human origin is from Nature. Therefore, humans have to learn good and also the problems and issues that deal with Nature. **A very important task is how to teach children to learn.** The learning process should not end when one leaves school. It should be the choice of humans to learn throughout their whole life.

Back in 1989 we had an interesting targeted meeting about “What people know” and the result was:

- “Humans know that what their mothers were transferred to them from their birth until school age (the knowledge, skills and experiences).
- Humans know what they have learned in a schooling system process.
- After completing school, many humans DO NOT LEARN AT ALL.”

Or in other words: “Most of the humans on the Earth after completing their education through a schooling system process DO NOT show any responsibility about the future of Humankind and later on DO NOT LEARN anything related to this knowledge and DO NOT ACT to make this future sustainable AT ALL.”



This is where the goal of our education system and method has failed – the method of universal education. The goal of the education system is related to the conservation of the individual, society, humanity and the Nature system. In order to achieve this, the education system should aim toward universal human formation or instruction. The method of the education system is related to knowledge of the laws and principles of the universe – **The Nature system**, allowing us to synthesize and systematize human knowledge, so that we can transfer the universal knowledge or instruction of one generation to another.

For instance, the present schooling system in Europe is based on transmitting knowledge the “education” of the person. It has not been made explicit in the system. Intelligence is valued by what young persons have learned and memorized, and not by an understanding of the Earth and planet on which they are living; in other words about Nature. In the present economic system, knowledge is expressed in monetary value, destroying any humanistic content.

Of course life is not so simple, but is, on the contrary, very complicated and complex. An individual’s ability as a human is to decide on his/her life style and content.

When we analyse the present education system using the results from statistics that are available, it is clear that this system is a total failure in itself. The final result of a student who is taught with the present education system is an obedient servant and not an intelligent, innovative, individually responsible person who should be able to bear the responsibility of humankind on the planet Earth.

We are spending time as well as human and other resources on the education of countless specialists. The overall results do not meet needed expectations; not in life and not in the human sciences. This is because there is no clarity of purpose of an education system in the global era, nor is there a universal method to achieve the goal. Universal culture, universal science, universal knowledge, universal rights, global issues, and the global era, raise the need for a universal human formation or instruction. And for this we need the universal method of an education system that responds to the preservation of humanity in harmony with Nature - the sustainable future of humankind.

Since the 19th century, Charles Robert Darwin (1809 – 1882) stated that only successful creatures could live with Nature. The majority of humans even today do not understand this. Also many more researchers after Darwin were experiencing and researching about the complexity of the life system on the planet Earth. However, improvement of the schooling curricula did not follow. “Life as usual” 1 % against 99 % of humans on the planet Earth has been the formula for “success”.

This occurs because of an individualistic model of the education system. We emphasize the individual over the collective. On this basis, only one is winning and the others are losers. This is an education system model error that produces asymmetry between humans. In nature, we all depend on each other (all are interdependent, interacting and cooperating). In the universe of stable systems there are symmetric interdependence, interaction and co-operation of all the elements, contents, happenings etc.

Whether it is “a success” is questionable for 99 % of the population but for the rest - 1 % - it is very profitable. We think that global community of humankind is on the wrong path or even on a suicidal path. The proof of it is the history of Easter Island’s civilization in the middle ages. Before the end of the last representatives of the entire civilization, a common activity was cannibalism. Cannibalism is presently repeated in social and economic human eco spheres.

In various areas of science, we have developed “human sciences”, which mostly do not reflect the Nature system and the Nature system of the planet Earth. The result is a critical present, which does not allow any possibility of success for humankind. Present global studies are researching humanity and not the relationship between humanity and Nature. Nature is still to be researched and the discovery of real systems will follow. Many theories are advanced but with no effect on the education system. All theories of the education system lack a logical, epistemological, axiological and



anthropological foundation so they do not give positive results for the formation or instruction of humans in the universe. The Sustainable Development and the Sustainable Future of Humankind as Harmonious Complementary Coexistence of the Global Community of Humankind and the Nature are among not mentioned contents.

Many people are researching the human sciences but not many of them are reporting on the failure of the education system. We do not consider this to be adequate for the time we are living and experiencing.

We are happy to follow the initiative of Prof. Dr. Daniella Tilbury, UK, and Copernicus Alliance who are asking for a reform of the higher and university education. We hope to open a research to the level of understanding of the complex issues involved with a possible renewal of the whole education system.

In conclusion we wish to see a better education system based upon learning throughout one's whole life and an improved quality of the global community of humankind with individual human responsibility to help sustain the future of humankind, peace, respect, reason, morality and wisdom.

To achieve this improvement of humankind, it is necessary to build the path; the path is the method of universal human formation or instruction.

Prof. Dr. Timi Ecimovic

Ps.: Many thanks to all the colleagues who have contributed to this report!

The Discussion

In discussing the sustainable future of humankind we are dealing with global community of humankind present and past. We are thinking that truth-centric philosophy is most appropriate together with global approach.

The Globalization of the present has got roots in the past, and could be described as »Globalization is amalgamation of national economies into united world system based on rapid capital movement, new informational openness of the world, technological revolution, adherence of the developed industrialized countries to liberalization of the movement of goods and capital, communicational integration, planetary scientific revolution, international social movements, new means of transportation, telecommunication technologies and internationalized education«.⁹ We know there are many more definitions but we do agree with the one presented.

Interesting definition of globalization could be humankind centric thinking, where the globalization is sum of individual representatives of Homo sapiens or 7 + billion people and their living.

However for the purpose of herewith discussion we think it is most important to STOP future predicting habit of great minds of present global community of humankind, and governing national elites with supporters as means on non-skillful governing of global humankind issues.

Let us put forward irresponsibility's versus responsibilities. As responsible human being we think people with understanding and abilities needed for support of humankind on the journey to sustainability.

⁹ At page 220 of »Global Studies Encyclopedia« ISBN 5-05-005719-1, 2003.



However the history is teaching us about the past life. We may learn about glamorous life of great people like Alexander Macedonian the Great, Julius Caesar from Rome, Hannibal from Carthaginian, Charlemagne King of Franks, Celea Dukes from Slovenia, Djingis Khan of Mongols, Maria Teresa of Austrians, Napoleon Bonaparte of France and many more. But the history is teaching on their achievements with simple reporting on them. On the other side good thinker and writer Nassim Nicholas Taleb in his book "Black Swan" did explained "silent witnesses" - people who could not report due to loss of their lives. 23 million victims of the Second World War in Europe, due to genocide action of German Nazi did not have a human rights as well as similar victims of many warriors of the past and present. To us they have been great warriors but very much irresponsible people. Their victims could not put them in court due to then been "silent witnesses". The point is in reality, truth, and actual happenings reporting. Usually the winners are writing the history books.

Not to go far from our targeted content, let us continue with the action plan for implementation of the sustainable future of global community of humankind.

Over 60 years of good work on the sustainable development did not open real perspective for the nature, space and environment protection. We have to learn from those happenings. During meetings of Rio + 10, Johannesburg, 2002, and Rio + 20, Rio de Janeiro, 2012, it was recorded the failure of action towards better nature, space and environment protection. With inability to stop human explosive reproduction we have reached 7.1 billion of humans within the biosphere of the planet Earth, where the pollution is closely related with the number of individual representatives of Homo sapiens. More people more pollution.

Global education network is working as usual. Global community of humankind is working as usual. National and international elites (1 %) continue to have "Money Master Monster" as leader. 99% of the people are experiencing more and more severe environmental conditions, societal degradation, and poverty is taking more and more percentage of the population, Children protection is experiencing more and more severe difficulties. Global, regional and local environments are changing according to the changes of the climate change system and biosphere. During 2012 most of people lives and property losses have been due to natural disasters.

We think it is time for action for better tomorrow of the global community of humankind.

Our proposal is to undertake global action for sustainable future of humankind or as short definition: The sustainable future is harmonious complementary coexistence of the global community of humankind and the Nature or biosphere of the planet Earth.

We know how much efforts have been put into better environmental conditions of the biosphere with more or less success, but it is obvious that all efforts did not produce better conditions but rather contrary. Only relatively successful action was protection of the ozone layer against destruction by human made and released chlorine, which was destructor of the ozone protection band in the atmosphere.

We are not discussing up to date results, but we are offering opportunity and optimistic view of action, work, activities, respect, peace, morality, wisdom, for better tomorrow of the global community of humankind.

Our first recommendation is: Education, education and education. We need renewed curriculum at all educational levels from mother educating new born child, and till the age for school, primary, secondary and high education schooling programs to produce intelligent, respectable, peace-makers, individually responsible, and with high morality and wisdom people needed to meet difficulties of the 21st century, and to lead the way towards the sustainable future of humankind.



We are asking all people of good will to contribute as active supporters of the sustainable future of humankind. We have three levels: local community, national state and international institution up to the UN on top. At all mentioned levels we need universal approach to existing problems and possible solutions, Our plan of action is offering practical solutions needed for better tomorrow.

We are recommending all at present who are working for sustainable development to learn about sustainable future of humankind as possibility to continue their best services to humanity. NGO's working on the sustainable development could be best promoters, facilitators or active contributors toward the sustainable future of humankind.

Present NGO's and new established could get need information for their work, and support for co-operation. Most important work is on the NGO's work. We think their work is ambassadorship of better tomorrow; Target should not be critics but constructive interdependent, interacting and co-operating work towards sustainable future of humankind. We are offering co-operation and we may provide literature, seminars, lectures and work-shops on targeted issues.

Targeted issues are:

- Co-operation for establishment of the NGO's.
- To provide technical assistance to needy at large for improving the quality of life for all peoples through an improvement of human settlements.
- To assist in evaluating and supervising of drug control treaties and review lawful drug requirements and movements.
- To assist research and training institutions for the advancement of needy women and men to improve their status and integrate them into societies.
- To give assistance in human rights activities by promoting and protecting the enjoyment of all civil, cultural, economic and social rights.
- To create a platform for trade and improvement, promote international trade to accelerate economic improvement, negotiate multilateral trade agreements, and seek to harmonize trade policies.
- To seek durable solutions for solving refugee problems.
- To help needy countries to improve the quality of life of their children, through community based services in maternal and child health, nutrition, sanitation and education as well as emergency relief.
- To carry out research, training and information activities on prevention and control of crime.
- To undertake independent research on disarmament in international and national security.
- To maintain international peace and the promotion of economic and social improvement.
- To operate through worldwide networks of associated institutions, research departments and scholars to help to solve global issues of human survival, improvement and welfare.
- To invite and motivate worldwide professionals sharing skills on volunteer terms in WTP-SFH platform for improvement, humanitarian relief, peace and direct democracy.
- To work with needy country to set up national trade promotion programs for expanding their exports and improving their import operations.
- To assist in sourcing grants for sustainable human improvement, supporting projects and constructions in those needy countries.
- To help needy countries and economies in transition in their quest for peace, social stability, economic growth and sustainable future.
- To examine social improvement problems and policies with a view to improving the livelihood of the poor community and increasing their participation in future.
- To bring together representatives of government, organizations, labor and management to improve working conditions through international conventions, to increase labor productivity and to seek economic and social stability through cultivating social responsibility practice.



- To help to increase the output of farmlands, forests and fisheries and raise nutrition levels and standards of living.
- To free humankind from illiteracy, advance the spread of all types of arts and scientific knowledge, and increase international understanding through the exchange of research and learning activities, education, science and culture.
- To work closely with hospital and health organization towards the goal of the highest possible level of health for all humankind.
- To promote economic improvement through investments in private enterprise.
- To give advisory services to help countries create an attractive investment climate.
- To promote the protection of intellectual property such matters as copyright, trademarks, industrial design and patents.
- To promote industrial construction in needy countries and organizations, assist them to expand and modernize their industries, provide a forum for contacts and negotiations, and promote cooperation through supply and demand principles.
- To work closely with all kinds of academic and non-academic accreditation agencies globally.
- To establish a collaboration with United Nations Organization networks and its non-Governmental Liaison agencies as well as NGOs in different parts of the world in evolving a new dimension of strategies to promote and cultivate the value of sustainable future of humankind.
- To provide support to Governments in new policy measures and initiatives to promote inclusive “societies for all” with the aim to ensure that individuals and communities are enabled to participate in society and contribute to a national better while enjoying basic fundamental freedoms.
- To organize events, to produce and compile series of publications in relation to all subjects related to the scope of coverage in WTP-SFH platform for the benefits of the world citizen that will become reference resources for users at large.
- To establish WTP-SFH system engagement with NGOs, civil society, the private sector and other actors as a vital role to play in meeting the challenges facing humankind across the globe and introducing the international goals as a peace building platform for the prevention of deadly conflict.
- To make possible a sustainable future by “From sustainability of local community to the sustainable future of global humankind community”
- To enable a sustainable future of humankind on the planet Earth or to reach harmony of humankind with the Nature of the planet. Those unlisted scopes of coverage at this point in time will be included in due course.
- Team work, initiatives, inventions and innovations, best technologies and many more known approaches for better idea, work, organization, input and output, improvements, education, management and quest for better tomorrow of humankind will be incorporated to the daily work.

The list remains open for new or better proposals all towards better tomorrow of the global community of humankind.

It was part from the discussion within the book.

The message in English was presented as part of the book.

3.



The Message in Slovene follows.

SEG Inštitut za klimatske spremembe in
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Zg. Medoš, Korte, Slovenija, oktober 2012

Spoštovani prijatelji, kolegi in raziskovalci!

Pošiljam vam sporočilo, ki sem ga poslal po spletu v angleščini!

Sporočilo je naslednje:

Človeška svetovna skupnost, Slovenke in Slovenci, rabimo prehod iz trajnostnega razvoja v trajnostno, sonaravno prihodnost. Kratka definicija te pa je: ***Trajnostna sonaravna prihodnost človeštva je harmonična, komplementarna koeksistenca človeštva in narave planeta Zemlja.*** Vsako leto bi morali na novo posaditi po vsem svetu 7 milijard dreves – starši za otroke in otroci za starše. Za prehod v trajnostno sonaravno prihodnost naj bi bili odgovorni za svoja dejanja in naj bi imeli mir, spoštovanje, moralnost ter modrost. Prosim, pošljite to sporočilo sorodnikom, prijateljem in kolegom.

Timi mi je poslal sporočilo:

človeška svetovna skupnost, Slovenke in Slovenci, rabimo prehod iz trajnostnega razvoja v trajnostno sonaravno prihodnost. Vsako leto bi morali na novo posaditi po vsem svetu 7 milijard dreves – starši za otroke in otroci za starše. Za prehod v trajnostno sonaravno prihodnost naj bi bili odgovorni za svoja dejanja in naj bi imeli mir, spoštovanje, moralnost ter modrost.

Timi

(Prof. dr. Timi Ećimović, timi.ecimovic@bocosoft.com in www.institut-climatechange.si prosim, ko pošljate sporočilo, pošljite še meni kopijo v vednost, hvala).

4.

The sustainable development and sustainable future of humankind has great importance for longevity of humans on the planet Earth. We are thinking it is most important issue at the present. As soon humanity commences to deal seriously about sustainability the better future could be. The expert note is a part of needed education of people.



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Zg. Medosi, Korte, Slovenia, January 2012

Sustainable Future of Humankind Expert Note

Expert note on the sustainable future of humankind has been prepared for the course on the sustainable future of humankind at Universities and high schools. It is short presentation of last 50 years of work and happenings in connection with the evolvement of the present global humankind community.

Let us commence with “**The Club of Rome**”, which is non-profit, independent organization founded in Rome, Italy, after April 1968 gathering initiated by Hon. Aurelio Pacceti, Italian industrialist and Scottish scientist Alexander King. Membership of up to 100 members from the science, politics, and economics and culture individuals recognized for their work.

First and most known report was during 1972 published “The Limits to Growth”. Actually they are dealing with global studies, system thinking, and holistic approach to the global problems of humankind global community and the Nature.

With the dawn of third millennia they activities followed global problems of humankind and with reconstructed organization are important international club working for better tomorrow of humanity. Their activities are coordinated by: International Centre of the Club of Rome at Winterthur, Switzerland, a European Support Centre in Vienna, Austria, and Club of Rome Foundation. More information are on Internet and at: Club of Rome International Centre, Lagerhausstrasse 9., CH – 8400 Winterthur (Canton Zurich), Switzerland, email: info@clubofrome.org

“**Stockholm – 72**” was the UN conference on the Environment held in Stockholm, Sweden, in 1972. The Stockholm Declaration and the Stockholm Action Plan have been adopted. Main result of the Stockholm – 72 was establishment of the UN Environment Program – UNEP at Nairobi, Kenya, United Nations Environmental Program, United Nations Avenue, Gigiri, P. O. Box 30552, 00100 Nairobi, Kenya, Executive Office email: executiveoffice@unep.org

The UN World Commission on Environment and Development submitted the report “**Our Common Future**” or “**G. H. Brundtland Report**” to the General Assembly in 1987, Maybe best report whatsoever presented at highest international political institution of present humankind,

1987 term **sustainable development** was introduced by report “Our Common Future” or “G. H. Brundtland Report” from The World Commission on Environment and Development to the General Assembly of the United Nations. “Our Common Future” report had strong impact to global society.

A Common Concerns report stated: “Those who are poor and hungry will often destroy their immediate environment in order to survive: They will cut down forest; their livestock will overgraze grassland; they



will overuse marginal land; and in growing numbers they will crowd into congested cities. The cumulative effect of these changes is so far-reaching as to make poverty itself a major global scourge”.

“Failure to manage the environment and sustain development threatens to overwhelm all countries. Environment and development challenges are not separate challenges; they are inexorably linked. Development cannot subsist in a deteriorating resource base; the environment cannot be protected when growth leaves out of account the costs of environmental destruction. These problems cannot be treated separately by fragmented institutions and policies. They are linked in a complex system of causes and effects.”

Those statements have been overlooked by coming generations. The spirit of complexity was just talks, reality of issues was neglected. Environmental quality of the planet Earth Biosphere was and is (2012) neglected. Interdependences, interaction and co-operation of all matter, energy, information, particles, rays, powers and forces and yet not known contents of Nature were overpowered by needs of individuals, national elites, security needs, money reproduction, bureaucracies, military needs, wars, riots, genocides etc. up till now (2012).

At “Towards Sustainable Development” in Our Common Future Report the definition of it was stated as: **“Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs”**. It is very noble, humanitarian, cosmopolitan, global goal, which after it had been invented was generally misused by countless politician, bureaucrats and people of individual feelings and not humanitarian quality, knowledge or ethics’.

“Our Common Future” a nice statement was: “Many of us live beyond the world’s ecological means, for instance in our patterns of energy use. Perceived needs are socially and culturally determined, and sustainable development requires the promotion of values that encourage consumption standards that are within the bounds of the ecologically possible and to which all can reasonably aspire”.

“The world must quickly design strategies that will allow nations to move from their present, often destructive, processes of growth and development onto sustainable development paths”. This content was also completely neglected!

“Critical objectives for environment and development policies that follow from concept of sustainable development include:

- Reviving growth;
- Changing the quality of growth;
- Meeting the essential needs for jobs, food, energy, water, and sanitation;
- Ensuring a sustainable level of population;
- Conserving and enhancing the resource base;
- Reorienting technology and managing risk; and
- Merging environment and economics in decision making”.

Objectives stand even today criteria, and have not been ever taken into consideration of politicians, bureaucracies and nations agendas.

Most significant was statement on “The Urban Challenge”

– “In 1940, only one person in eight lived in an urban center, while about one in 100 lived in city with a million or more inhabitants (a “million city”)”

- “By 1960, more than one in five persons lived in an urban center, and one in 16 in a “million city”. By 1980, nearly one in three persons was an urban dweller and one in 10 a “million city” resident”.



Hon. Tom McMillan, Minister of Environment, stated at WCED Public Hearing, Ottawa, 26-27 May 1986: “The challenge ahead is for us to transcend the self-interest of our respective nation-states so to embrace a broader self-interest the survival of the human species in a threatened world”.

Dr. Gro Harlem Brundtland talking on report stated: “This commission’s report, Our Common Future, contains a message of hope and opportunity”.

2nd The UN Conference on the Environment and Development CED-2, Rio de Janeiro 1992 or Rio Summit attended representatives from 179 countries. A huge document was approved; Agenda for Change and Agenda 21 were adopted. A number of documents were approved, but never implemented.

10 years after Rio at World Summit on Sustainable Development, August – September 2002, was international gathering without visible positive result of co-habitation of the global humankind and the Biosphere of the planet Earth.

Somehow it is how we have come to 2012 after announcement of “The World Thinkers’ Panel on the Sustainable Future of Humankind” or “

At Xiamen, China on 25th September 2011 at Gala event was announced “The World Thinkers’ Panel on the **Sustainable Future of Humankind**” “WTP-SFH” as next possible step after the sustainable development social technique, which has not get well around the global humankind community. As alternative societal technique the sustainable future of humankind or harmony of humankind with the Nature of the planet Earth, and by transcendence from the sustainable development to sustainable future it is new approach for better tomorrow of humanity.

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5,



Sustainability as methodology for better society and longevity of humans on the planet Earth is most important research within the social sciences for all researchers involved within our international group. Present globalization is just another part of humanity journey to sustainability. We have presented the number of articles on the sustainability. One of them was presentation “The Principia Nature 2” presented at EURO XXV, Vilnius, Lithuania.

The Principia Nature 2.

By



Prof. Dr. Timi Ecimovic, Sir Prof. Dr. Roger B. Haw, Prof. Dr. Igor Kondrashin, Prof. Dr. Fidel Gutierrez Vivanco, Prof. Dr. Truly Busch, Prof. Dr. Sait Kacapor, Prof. Dr. Jorn Hamann, et al¹⁰

The presentation has been prepared for “25th European Conference on Operational research (EURO XXV)”, Vilnius, Lithuania, 8th – 11th July 2012. It is prepared from the book “The Principia Nature – The Nature and Homo sapiens Global Community”, Ecimovic, T., 1st of May 2011, ISBN 978-961-92786-7-3, a soft cover paper book and a CD.

Abstract

The Principia Nature 2 is about the research on planet Earth by using tools of system thinking, operational research, the requisitely holistic approach, global studies, case study, complex problem solving etc. Philosophical and modern sciences approach is offering new perspectives for understanding the presence at the planet Earth. It is the second part of “The Principia Nature” and conclusions. The human sciences, since division on natural social and technical sciences, have been changing contents from the end of 19th century till today.

General direction of scientific research and knowledge was towards the specializations. From the three general fields of the sciences in the past, we have countless scientific specializations today. The corner stone of the sciences - philosophy- has declined in its importance and technical sciences have become the main generator of the improvements. The Sciences are servants of the armament, military and war activities on one hand, and on the other of the “The Money Master Monster”.

The Science as it was during Galileo, Copernicus, Leonardo Da Vinci, Newton and other from pre-industrial times, when a scientist was researching because of their abilities has changed to a scientist who works to achieve goals as destruction and chaos, that resulted in the first nuclear device used in history of Homo sapiens.

At present in the Nature of the planet Earth of the “human project” we have very large data base of scientific achievements, but the majority is disconnected from the Nature, and is the contents of the human sciences. We think, at present human sciences we need to reconsider the role of human sciences, and the truth of the Nature and the nature of the planet Earth, which is far from what at present humans think of them. For a better tomorrow of the human project we need a better understanding of the Nature and our society – the global humankind community.

Key Words:

¹⁰ Et al: Prof. Tang Shui Yuan, China, Prof. Dr. Dana M. Barry, USA, Dr. Mark Esposito, France/USA, Ricaardoe Di Done, Canada, Prof. Dr. Garfield Brown, South Africa, Prof. Emeritus DDr. Matjaz Mulej, Slovenia, Prof. Dr. Alexander Chumakow, Russia, Prof. Dr. Glen T Martin, USA, Dr. Moamen Nassr, Palestine, Prof. Dr. Philippos Nicoloupolos, Greece, Zinaida Ivanova, Russia.



Basic Environments, Continuum, Global Studies, Land – Water – Air Environments, Nature, Requisitely Holistic Units, Sustainable Future of Mankind, System Thinking, The Climate Change System, The Planet Earth System, The Star Sun System

Discussion

The Nature of the Planet Earth

Everything what was born may look like many different or similar things, but it is individual characteristics that make difference. At present our humankind global community has 7000000000 + members and all of them are Homo sapiens, but each and one has his/her own characteristics. Therefore our civilization has 7000000000 + individuals. This is important because we have to accept the reality that within the basic environment of the universe system there are countless planets, but the planet Earth with the global humankind community is the only one, which we know and live on it.

The Nature of the planet Earth mirrors the nature of the rest of the Universe. Second to that, the planet Earth is a requisitely holistic unit or planet, a member of the planets of the star Sun system. It is orbiting the Sun within the distance which allows the environmental conditions needed for life. It is within the so called living belt of Solar system. Actually the biosphere environment has got conditions suitable for life. The first life on the Earth appeared around 3.800.000.000 years ago. The anaerobic one cell protozoan were first creatures, which evolved because of suitable environment conditions,

The Planet Earth System

The Earth planetary system is very robust. The planetary body at present has got an inner core of 1.500 miles in diameter composed of iron and heavy metals, an outer core of 1.400 miles, a lower mantle of 1.400 miles, upper mantle of 400 miles and the crust of 2 – 45 miles in diameter.

On the top of the crust, there are permanent dynamic changes caused by the natural powers by which the Earth's surface has been and is shaped. The atmosphere covers, protects and completes the biosphere of the planet up to 650 miles or 1.000 kilometers, where the Exosphere is ending into the outer space. The main subsystems of the Earth are: its planetary body, its Moon, and its atmosphere. Its planetary body has 8.000 miles or 13.000 kilometers in diameter. The Earth is the fifth planet by diameter at the star Sun planetary system. The largest one is Jupiter with an eleven times longer diameter, and the smallest one is Pluto¹¹ with around one fifth of the Earth's diameter.

The surface of the Earth together with its atmosphere makes its biosphere, where we live and where the life has been a part of its system for more than 3.8 billion years. At that time in history the first appearance of the microbial life could be placed.

¹¹ Data about the new 2 outer celestial bodies are not yet known to us; one missing planet might also have a questionable content within the present status of the Solar system. Pluto has been re-classified and is no longer recognized as a planet.



Among the life supporting components of the Earth, oxygen is the most important element. It forms:

Two inorganic oxides - water and carbon dioxide, which are the life-supporting molecules,
Atmosphere with oxygen molecules in the air we breathe, and
The ozone layer as the protection against UV rays.

After the nature has put together such a support within the biosphere system the appearance of life on Earth was just a matter of time.

The external support from the star Sun to the Earth is the flow of light, warmth, particles and powers. It is an important support, because due to adequate distance of the planet Earth from the Sun, it actually supports life on Earth. The flow of light and warmth from the Sun has different effects on other planets.

The unique composition of the planet Earth and its distance from the Sun are two major qualities that evolved with evolution of the Solar system, and made the basic possibility for life to appear on the Earth.

The Earth crust surface is at present made of a terrestrial part, which covers around 30 percent of the surface, and ocean/sea waters cover, which takes the remaining 70 percent of the surface. The ratio between oceans and lands was changing, and is changing, with dynamic changes of the planet Earth surface evolutions. The first appearance of the water on the Earth was the deciding factor for the formation of its surface and atmosphere. After cooling down the atmosphere was thick and much lower than now. The primordial atmosphere was oxygen-free. A big change came from the appearance of the first life forms. These were the anaerobic microbial organisms living without oxygen. They were gaining the necessary hydrogen for their synthesis of different organic carbon compounds from dissolved inorganic compounds of carbon. Change of the primordial Earth from its anaerobic to its aerobic stage took hundreds of millions of years. Bacterial life significant contribution was the sink of carbon dioxide, when their dead cells settled as sediment on the bottom of the oceans. There they were transformed into numerous carbon compounds that we see today as fossil fuels. It was the time of the first energy transformation; actually, anaerobic micro-organisms transformed sugar molecules to gain two units of energy per molecule.

In the next generation, microbes were able to split water molecules by using the light from the Sun, and used the released hydrogen to reduce the carbon dioxide molecules. By this photo-synthesis, a rich biomass was produced. The product of this reaction was the molecular oxygen, but its appearance was poisonous for the existing living creatures. It changed the life critically: the new generation of microbes was able to use oxygen in its oxidation of biomass by respiration. It was the second energy transition on the Earth, because with such a transformation of the sugar molecule they gained 36 energy units or eighteen times more than the anaerobic microbes.



The carbon dioxide was a part of water due to its solubility, while oxygen that was not solvable in water, became an integral part of the atmosphere. The concentration of the oxygen in the atmosphere was and is increasing and changing and is settled at 21 %, with 78 % of nitrogen, and the remaining 1 % was made of carbon dioxide, methane, and some other gaseous elements.

With appearance of oxygen in the atmosphere, with influence from the Sun radiation the oxygen molecules were split down to the elementary oxygen, which in the upper layers of atmosphere made the three-valence oxygen molecule ozone. With time, the ozone formed an UV-impermeable screen or ozone protection-layer against those rays from the Sun, which was responsible for decomposition of the dioxide molecules – the UV rays. The biosphere on the Earth responded with evolution of life, its intensification, and transition from water to the Earth's terrestrial parts.

The bacterial life moved to the terrestrial part of the surface, forming on it crust top a carbon-rich layer, which eventually became what we today call soil. The Earth system evolved to the stage when complex life forms were able to appear. It was some 700 million years ago. Land mammals appeared some 350 million years ago. The human predecessors are dated some 8 million years ago, and Homo sapiens, our predecessor, evolved some 200000 years ago.

So here we are – after the big-bang and evolvement of one requisitely holistic part of the Universe, we have the Universe, the Milky Way, the Solar system, the planet Earth system, and the life on the surface of its terrestrial, aquatic, and lower atmosphere parts. With the existing input/output effects from superior systems, especially the Solar system, with evolved parts of the Earth system, etc., the climate change system became the provider, maker, holder, and guardian of living conditions within the biosphere.

The climate change system is the internal planet Earth system within the surface of the planet Earth and atmosphere.

The Nature system and the planet Earth system.

Movement is the major characteristic of the Universe or the Nature. It is easy to observe when researching the Universe, Galaxies, star systems and planets, and world of atoms and particles. Many different forms or systems of matter, energy, and information could be observed. The Universe is a grand scene very fascinating and less understandable than we would wish. Humankind top understanding for long time or millennia was to observe the positions of the stars and to work out a horoscope with the purpose of predicting the future or something else. The humankind of course, did not accept the truth - the future is unpredictable.

Actually, we think the continuum of movement is there, from the smallest particle to the largest galaxy and beyond. Circular movement, the movement like top, large parts of the universe moving together or apart, particles inter-universe movement and the inter-universe particles movements within requisite holistic units, looking at the world of atoms the movement is there, within the atoms, and in the inter-atoms space as well.



Looking at the Homo sapiens community there is more or less movement, except when we are asleep. Our body system has many different possibilities for a movement looking from the exterior viewpoint. However, majority of humankind do not make a perception of the internal movement, which commences when a successful movement of spermatozoa makes him reach ovum inside the mother's body. From this point of successful movement and conception, a new life has its own internal movement. After the birth, the internal movement is the main characteristic of living and when it stops, it is the end of a life. The whole of humankind life is a very complex internal and external movement.

Moving means living!

It is not only in a living nature but also to the nature as a whole and any requisite holistic parts.

The nature of the planet Earth has its internal movement within the planet environments and external movement as a part of the star Sun system both internal and external movements, and the universe movements (Milky Way Galaxy, etc.).

So here we are with the planet Earth system.

The planet Earth system is a requisitely holistic unit/part of the star Sun system, Milky Way Galaxy system, and the Universe system. The planet Earth system is a very small part of the Universe. However, as a planet with the environment suitable for the living nature, it is a home of humankind and of countless forms of creatures of living nature. From one-cell creatures: viruses, micro-organisms, protozoan, zoo and phytoplankton, and others to plants and animals, and on the top of living creatures kingdom Homo sapiens is placed.

The planet Earth system – planetary body, atmosphere, and moon - appeared around 4.5 billion years ago (4500000000). At that time the planet was something like a ball of energy and gases with temperature around 7000 degrees Celsius. Within millions of years, the planet was cooling down, and the firm matter was formed within two hundred million years. The oldest rocks on the Earth have been dated at 4.3 billion years ago (4300000000).

The Moon system has been formed as result of catastrophic happenings after collision of the planet Earth with another cosmic body of the size of the planet Mars. As result, the large mass of matter was put into the orbit of the planet Earth, which after certain time shaped the Moon.

The planet Earth system is an inferior system to the Solar System, the Milky Way, and the Universe.

The Star Sun System

Our Solar system contains nine (eight by new classification) major planets (one planet missing) and along with the tenth and eleventh as newcomers to the family (now asteroids together with Pluto, which used to be a planet), and thousands of comets and minor planets called asteroids. It also contains the Sun, the star around which the planets revolve.



The composition of the Earth, as a planet inside of the Solar System, is “unique” because of the information, matter, and energy at its birth.

All forms existing at the moment of appearance are included within our Earth system, and so are many more other forms of the Universe such as light, particles, rays and matter that over the time from the appearance until now have collided with the planet Earth system.

Major influences on the Earth dynamics come from the permanent energy flux from the Sun, and from collisions with asteroids, which arrive from the outer space. .

The Climate Change System

The climate change system is internal system of the nature of the planet Earth. It is responsible for biosphere environmental qualities and conditions for the life to continue.

Interdependences, interactions, and co-operations within the planet Earth system of the life, climate change system, and biosphere are dynamic factors for the evolution of the life forms, and the resulting environmental conditions.

The primordial Earth, some 4.5 billion years ago, was lifeless and unrecognizable by our civilization standards. The air was oxygen-free and many subsystems of the climate change system known today did not exist. The climate change system itself was evolving according to the components and relations of the system as it does even today.

The living nature is a moderator of living conditions and is interdependent, interacting, and co-operating with the climate change system. The rise of the life on the Earth reacted to conditions of the primordial surface water environment, and its physical and other contents. It took the nature of the planet Earth some 0.7 billion years to evolve the life. The first evidence of the life is dated 3.8 billion years ago. From microbial life of primordial time to final evolving of the complex biosphere around 1.2 billion years ago there was the time within which the biosphere evolved. First complex living creatures on the terrestrial environment could be placed at 700 million years ago.

The first and second biosphere energy transition from the anaerobic to the aerobic energy production by microbial life was responsible for the change of the atmosphere from the oxygen-free to the oxygen-rich one. The oxygen-content was around 40 % and with time it has been diminishing to 21 % as it was at the end of the 19th century.

The oxygen-content in the air was the major improvement of life conditions, which made the difference from the primordial time to the time of biosphere, from 1.2 billion years ago until the present time.

The concentration of the oxygen in the air for living creatures to breathe should not fall below 8 % that is somehow a minimum needed for survival. At present in some heavily populated areas of big cities, the concentration of the oxygen could fall as just above 10 %. We are recommending monitoring of oxygen concentration as a precondition for survival of humans in the fragile and heavy polluted environments (big/mega/poly cities).



Our civilization's first settlements were built some 14000 years ago, because of social life involvement of pre-antiquity humans.

First settlements on European area were built on swampy areas, for security reason, and population was up to 10.000 people. It was a result of the changed conditions within the biosphere that happened after the last ice period, which ended some 60000 – 16000 years ago. Since then the climate change system conditions on the Earth were almost at the quality of the present time. Of course, changes have existed but not as extreme ones, as the ones coming up now.

The difference between today and 200 years ago is due to the extreme input of our civilization's output into biosphere such as: all sort of waste, and side-effects of nuclear etc. technologies, synthetic chemicals, human population explosion and its consequences; destruction of biosphere resulted from covering the current needs of humans. In short, and we shall work out the above-mentioned later on, those are reasons/impacts, which cause the triggering effects and other changes of our civilization on the climate change system, as consequences.

The climate change system is a natural complex entity/system. It consists of several subsystems and is a subsystem, too, of systems such as the planet Earth system, the Solar system, the Milky Way and the Universe. It is very old and has been changing, and is changing all the time, offering rather stable conditions to the life forms. At present much more extreme changes have been taking place, over the centuries of industrialization and post-industrialization than ever before since the end of last ice age. We humans are not the only cause of these dangerous processes, although an essential one, especially if our decisions and actions are based on a lack of systemic/holistic thinking/behavior.

The climate change system as an integral part of the planet Earth biosphere system is somehow between its inferior and superior systems; all of them together with the climate change system itself have a number of mutual interdependences, interactions, and co-operations.

As we have mentioned before, the Universe contains all matter and energy, particles, rays, information, dimensions, powers, forces and yet unknown contents. The Universe may have a dramatic influence on the Earth's climate change system, in the case of catastrophic changes affecting the Solar system, and in the case of the Earth's collisions with space body/bodies influencing the Earth's existence.

It happened and may/can happen again. There is e.g. the hypothesis that a collision of the Earth with a cosmic meteorite some 65 million years ago caused Dinosaurs to get extinct.



The largest and most superior system of the Nature is the Universe. The probability of a destructive interaction of the Earth with the Universe system is very small. Because there is a countless number of star systems and other forms within the Universe, the Earth has a little chance to experience a major destruction caused by the Universe system activities. The Earth system is namely just a very small part of it.

The Solar system is a very large system, from our civilization's point of view, but a very small one from the galactic point of view, and even much smaller from the Universe point of view. The Sun and its eight planets make one small sub-system of the Milky Way Galaxy. Actually, the Milky Way Galaxy has almost countless star systems, and our Solar system is just one of them.

The Sun is the central star of the Solar System, and has 99.8 percent of the Solar system mass. It is the center of its system, and source of all energy, matter, power, and information within it. Of course, it is an inferior system to the Milky Way Galaxy, which is over 100000 billion times bigger in mass than the Solar system.

The Solar system revolves around the center of the Milky Way Galaxy at a speed of around 250 kilometers per second.

For our Earth planetary system the Sun is the source of everything from the birth of the planet onward, and we exist because the Sun provides us energy, warmth, light, and all other important inputs – physical and other components and interdependent, interacting, and co-operating matter, energy, and information. Our planet system is completely dependent on the Sun. Our present time experience is mirroring physical, geographical, and biological etc. statuses at which the planet Earth system is at this very moment.

Of course, the influence from the Solar system is not caused only by the Sun, but also by a number of interdependent, interacting, and co-operating relations with neighboring planets, planet-like bodies of different size, Moon and other forms of energy, matter, information, and natural powers. The planet Venus is the closest to Sun, and the outer planet is Mars. Together with Mercury, they present terrestrial planets of the Solar system.

The other four planets Jupiter, Saturn, Uranus, and Neptune are gaseous gigantic planets on the outer part of our Solar system. The last planet (not any more a planet but an asteroid) is Pluto, but it is not always the last one, because of its oval-shaped orbit, which places it sometimes before Neptune, but most of the time it is the most distant one from the Sun. Recently two new celestial bodies have been discovered in line from the Sun and after Neptune/Pluto.

The Solar system is stable, and changes in its system qualities are reflect/influence its entire system. The most important parts of the Solar system are the energy flow from the Sun to the planets, and the quality of each planetary system. Not only each planet's composition, but also its distance from the Sun is a deciding factor for the quality of the Solar system. The life stream of light and warmth from the Sun enables life on Earth.



Both the quality of the star Sun system and unique Earth's composition/distance from Sun make interdependent, interacting, and co-operating parts of the life-support system on the Earth.

Understanding of many powers and forces of nature is important. They include gravitational, magnetic, energy, matter, and information transformations, rays, and particles etc., dynamics/movements (like the top, orbital, galactic, and of the Universe), the Solar system, the Sun and planets including our planet the Earth. Synergistically, they make characteristics, interdependences, interactions, and co-operations of the whole system.

The Sun has a diameter that is 109 times bigger than the one of the Earth, and 400 times larger than the one of our Moon. All eight planets and all other forms within the Solar system are orbiting around the Sun. The Sun and all planets move like a top and all together orbit within the Milky Way Galaxy. All this movement should be more researched to allow us to understand the basic powers resulting from interdependences, interactions, and co-operation among parts of the Solar system. The Solar system as well as all other systems is functioning according to their given systems¹²/entities of parameters. Our civilization has its chance to explore, research, and understand the Nature and our existence.

The open question is whether the global humankind community interferes with operations of the climate change system and the nature or not. The answer is yes.

As conclusion;

We are closing our initial research results, which may open new horizons for researching the Nature.

We think the global humankind community with its history and evolvement has been at commencement of the 3rd millennium not in her best. Due to societal, money/finance system, political and urban crisis the chances for the sustainable future are within all the peoples of the world.

Good work of humans during the second half of 20th century on "sustainable development" are foundations for the next step towards the "sustainable future of humankind" and transition towards a better tomorrow for all of us and our descendants.

Our wish is going for the sustainable future of each and one member of our global humankind community.

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¹² We say »system« rather than »set«, because in the systems theory a system consists of two sets, mathematically: the set of its elements and the set of relations between them (and with its environment) resulting in synergetic attributes that the entire system has, but its elements alone do not. Hence, speaking of a set would mean the traditional oversight of relations and their crucial importance.



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