



American Council for
United Nations University
The Millennium Project

Millennium Project

Planning Committee Meeting

July 26-28, 2006
Toronto, Canada





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Agenda:

Wednesday, July 26, 2006

- 9:00 Coffee, friendly conversation, review materials
- 9:15 Introductions and Review Agenda
- 10:00 Recent Accomplishments
- 10:15 Recent and Current Research
- 11:15 **Break**
- 11:15 Recent and Current Research (continued)
- 1:00 **Lunch**
- 1:45 Node Highlights
- 3:00 **Break**
- 3:15 Node Highlights (continued)
- 5:00 Review the day and agenda for tomorrow
- 5:15 **Adjourn**
- 7:00 Dinner



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Agenda:

Thursday, July 27, 2006

9:00 Node Highlights (continued if necessary)

9:30 Millennium Project Phase I and II (2006-2016)

10:45 Break

11:00 Tentative conclusions for Phase II

11:15 Phase II implications for changes to MP

1:00 Lunch

1:45 Discussion of Near-Term Options and Priorities

3:00 Break

3:15 Continue discussion of Near-Term Options

5:00 Review the day and agenda for tomorrow

5:15 Adjourn

6:00 Dinner



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Agenda:

Friday, July 28, 2006

- 9:00 Review/improve Phase II Mission/agenda/strategies
- 10:30 **Break**
- 10:45 Prioritize near-term options from yesterday
- 1:00 **Lunch**
- 1:45 How does Phase II Agenda fit with next year's priorities?
- 2:15 Other issues
- 3:00 **Break**
- 3:15 Review action items and conclusions
- 3:30 WFS Conf and synergies MP, WFS, WFSF, and APF
- 4:00 Final comments by all
- 5:00 **Adjourn**
- 5:30 Potential Sponsors Meeting – Wentworth, Sheraton Hotel





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Accomplishments

- 10th *State of the Future*
- Previous editions in Arabic, Chinese, Farsi, French, Korean, and Spanish
- New Node in Istanbul, Turkey
- Coming soon: Tel-Aviv, Israel and Baku, Azerbaijan
- Discussions in Colombia, Austria, Slovenia, Nigeria, Kenya, Peru, Switzerland, and Ecuador
- Turkey SOFI, forthcoming Korea SOFI
- Millennium Awards for middle school students in Mexico

Keep up the excellent work with the Millennium Project. It is much appreciated by all of us in the futures field.

Wendell Bell, Professor Emeritus



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Accomplishments (continued)

- Four Global Energy Scenarios
- Briefing to Kuwait Petroleum Corporation
- Three tests of the RT Delphi
 - Ford Motors, Energy Delphi, MP PC preparations
- Annotated Women/Gender Organizations
- Tech Awards 6th year, 150 Laureates, \$1.5 million in awards
- World Water Forum IV – MP co-panel
- Nanotech Health & Env, impacts for Ireland's strategy

2006 State of the Future

During the past decade, the annual *State of the Future* reports have offered unprecedented insights into the main global trends and the necessary global, regional, and national actions.

Mihaly Simai
Former UNU Chair and UNU/WIDER Director

A must in foresight, an excellent tool for policymakers wanting to shape the future.

Maria Joao Rodrigues
Special Advisor to the European Commission

State of the Future shows us the importance of future thinking and long-term policymaking.

Reyes Tamez
Minister of Education, Mexico

Best money I ever spent at Ford was on the Millennium Project.

Ed Martin
Former Director, Global Market Research, Ford Motor Company

I treasure very much the outcome of your laudable Project... Please keep up your good works.

Fritz K. Poku
Ambassador of Ghana to the United States

... enclosed CD contains about 4,000 pages of research behind this print edition, plus the Millennium Project's 10 years of cumulative research and methods.

www.StateOfTheFuture.org



10th
Anniversary
Edition



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2006 State of the Future

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2006 STATE OF THE FUTURE

Jerome C. Glenn and Theodore J. Gordon

JEROME C. GLENN AND THEODORE J. GORDON



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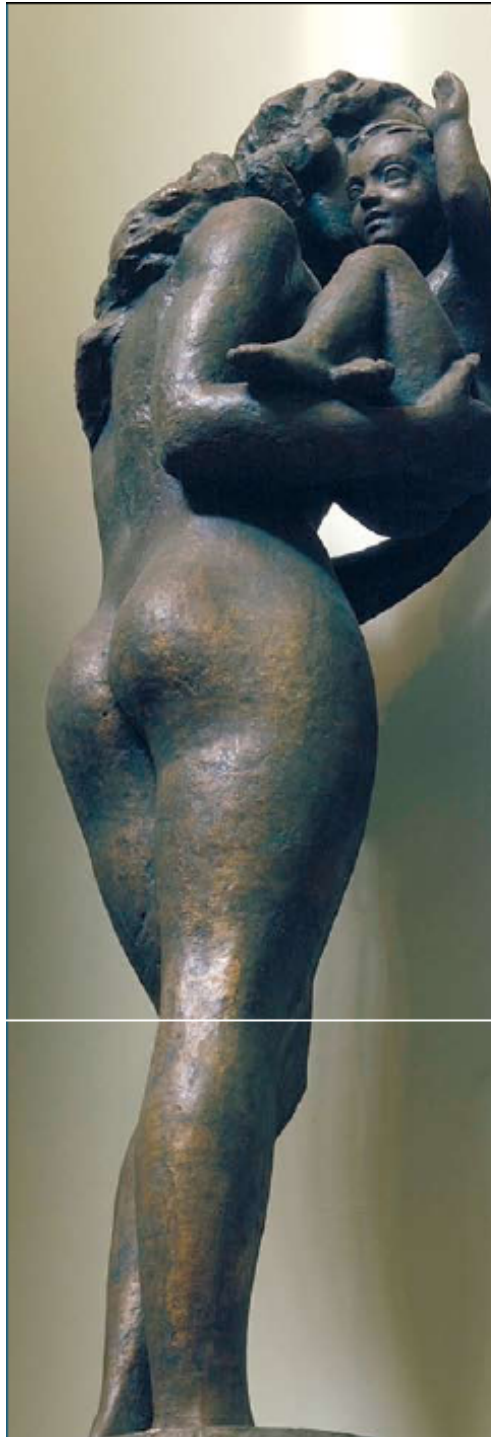


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Accomplishments (articles)

- The Futurist – article drawn from the executive summary
- Technological Forecasting & Social Change short version of the Nanotech study
- RSA Journal cover article on 15 Global Challenges drawn from 2005 SOF
- Czech economics magazine – drawn from the executive summary
- Tech. Forecasting & Social Change, *Frontiers of futures research: What's next?*
- Globalization and Risk Management of Science and Technology, in Taiwan book chapter in Taiwan S&T research results
- Technological Forecasting & Social Change, *Technology and the Hydra of Terrorism?* with David J. LePoire (Argonne National Lab) (S&T study)
- Long-Range Planning, book review of *2005 State of the Future*
- International Journal of Technology Management, T. Gordon SOFI
- FAO Paper: Global Scenarios and Implications for Constructing Future Livestock Scenarios (stem cell meat, seawater agriculture)
- Council on Foundations: *Philanthropy in the Early 21st Century: Strategic Considerations*
- Paper by Ted in Beijing for the China 500 Conference; the Responsibility of Enterprise for a Harmonious Enterprise, on moral responsibilities of business.
- Future of Democracy (Finland's Parliamentary Committee for the Future anniversary book), Chapter: *Threats to Democracy*, J. Glenn



Democracy and Futures

Eds.
Mika Mannermaa
Jim Dator
Paula Tiihonen

Contents

Introduction

Dr. Mika Mannermaa (Finland)

Cyclicity of Strategic Challenges in Russian History and development scenario for XXI century

Prof. Alexander Ageev (Russia)

Global Citizenship and the New Cosmopolitans

Dr. Walter Truett Anderson (USA)

Anticipatory Democracy Revisited

Dr. Clement Bezold (USA)

Linking people to pixel, next steps in EU democracy and power

Prof. Riccardo Cinquegrani (Italy)

Will America ever become a democracy?

Prof. Jim Dator (USA)

Some Future Threats to Democracy

Director Jerome Glenn (USA)

Beyond dreaming of democracy... How do we face the reality of democracy?

Dr. Fabienne Goux-Baudiment (France)

Current crises challenging U.S. democracy, and alternative future scenarios

Prof. Linda Groff (USA)

Democracy in the Light of Globalization

Prof. Bernd Hamm (Germany)

Alternative Futures of a Challenged Democracy

Prof. Sohail Inayatullah (Pakistan-Australia)

Women's Contribution to the Future of Democracy

Prof. Eleonora Masini (Italy)

On Futures of Democracy – Democracies of the Future

Prof. Peter Mettler (Germany)

India, China and Future of Democracy

Mr. Takuya Murata (Japan)

Whither Democracy? Reflections on the Prospects of Democracy in the 21st Century

Director Ruben Nelson (Canada)

Futurists as Pioneers in Handling Participativity and Aggression in a Post-Socialist Democracy

Prof. Erzsébet Nováky – Dr. István Kappéter (Hungary)

Age-Cohort Shift and Values Change: Futures for Democracy in Korea

Mrs. Youngsook Park Harmsen – Ph.D. Cand. Yongsook Seo (Korea)

Democracy is institutional gardening: A hundred year is a short time

Dr. Paula Tiihonen (Finland)

List of Authors

Dr. Mika Mannermaa (Finland)



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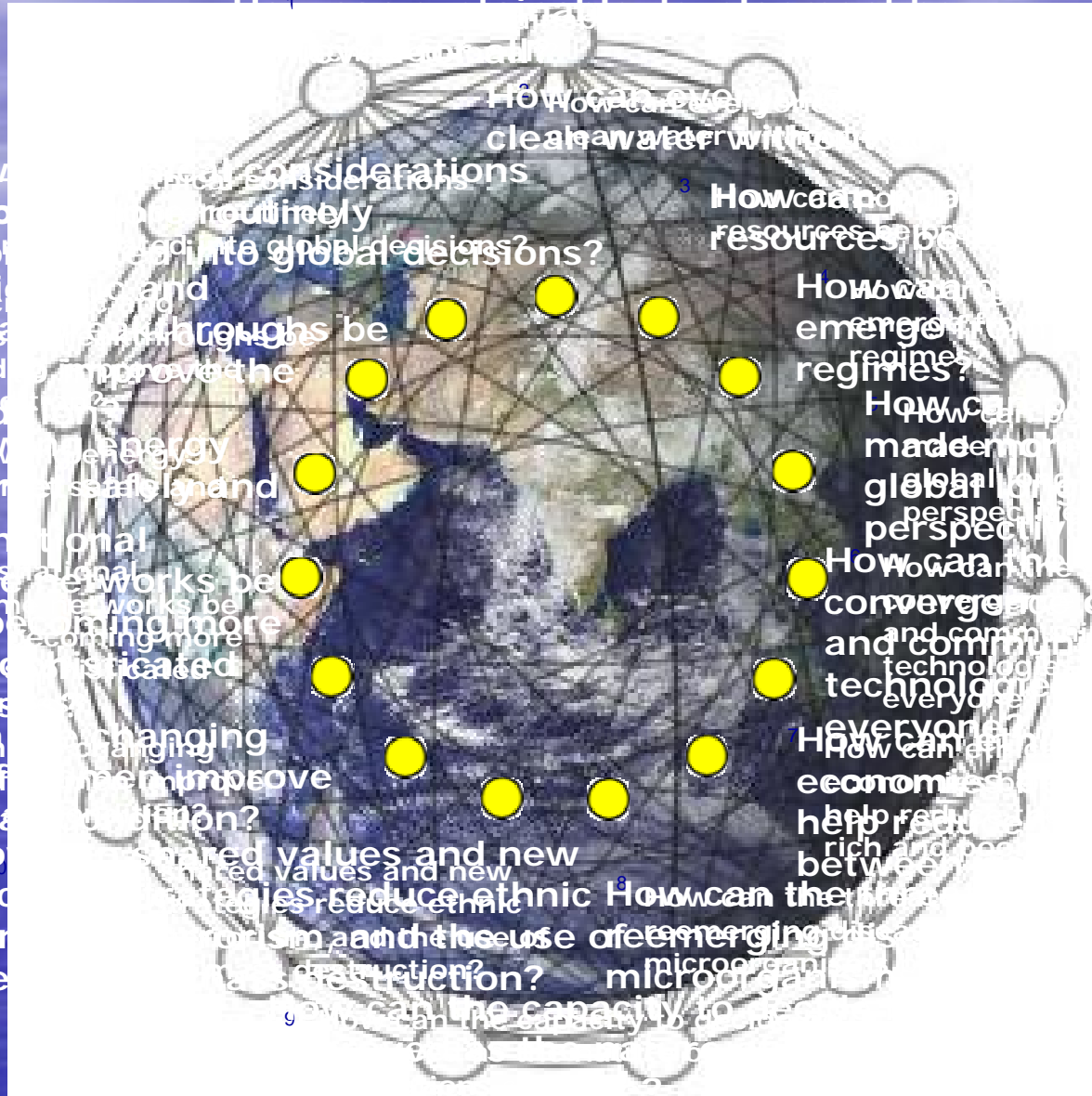
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Accomplishments (continued)

- Seawater Agriculture add to FAO livestock scenarios and United Paper Mills will explore usage
- Organized crime added to the U.S. *Joint Operational Environment* exercises
- Talks, seminars, and briefings by Ted and Jerry in 14 countries since our last meeting:
 - South Korea, Finland, South Africa, Azerbaijan, Switzerland, Colombia, Kuwait, Slovenia, Kenya, France, Argentina, Mexico, Venezuela, and the United States



15 Global Challenges



How can we become more inclusive and equitable?

How can science and technology accelerate human development?

How can we meet the growing demands for energy, food, and water more efficiently?

How can transnational organized crime be stopped from becoming more powerful and sophisticated?

How can we address the changing status of women and the human condition?

How can we secure our world against the threat of nuclear war and the use of emerging technologies for destruction?

How can we ensure that the capacity to meet the needs of future generations is maintained?

How can we ensure that the needs of all are considered routinely in global decisions?

How can we improve the human condition through energy, food, and water?

How can we ensure that the world is becoming more organized and sophisticated?

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Global Energy Scenarios



15 Global Challenges

...Some Updates



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- Just as computer code is written to create many kinds of software, genetic code will be written to create many varieties of life, including those that make hydrogen from plants.
- \$1 trillion was paid in political bribes last year. By comparison, military budgets worldwide are \$1 trillion and organized crime is \$2+ trillion
- We use 23% more than Nature can replenish per year
- Nanotech-related products exceed \$20 billion/yr; health & environmental impact studies proliferate; new regulations inevitable.
- Buffett/Gates will have more implementation power in the developing world's health policies than the U.S. or WHO—showing the evolution of power from nations, to corporations, to individuals.
- Chernobyl is still leaking radioactivity after 20 years; Ukraine's President has asked for \$1 billion for better containment; 27,000 nuclear warheads still exist: and smuggling of nuclear waste is up again.
- 25 million may die if avian flu mutates for human-to-human transmission.
- Electoral democracies increase, but press freedoms decrease worldwide.

Near-Term Options

(www.realtimedelphi.com)



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1. Promotion of 2006 SOF (Translations, Launchings, reviews, *Foreign Affairs* ad, mailings)
2. *Futures Research Methodology 3.0* (Jerry)
3. RT Delphi (Ted)
4. Updating MP website (Elizabeth)
5. Dictionary/encyclopedia (Concepción)
6. Women/gender futures (Team)
7. Latin American Futures Delphi (Jose)
8. International Millennium Prizes (Concepción)
9. National SOFIs (Jose)
10. Updating SOFI variables (Ted)
11. Interviews for the MEPS next steps (Ismail)
12. Counter Organized Crime feasibility study (Jerry)
13. Future Ethical Issues Round 3-answers and Rd 4-scenarios (Ted)
14. SOFI Kuwait, Gulf, and enterprise software system (Peter)
15. Education 2030 (Korea, Youngsok)
16. Telecommunications 2025 (Kuwait, Ismail)
17. Future Technology Scanning System (Azerbaijan, Jerry)
18. MPCOLAB.org (Frank)
19. Additional MP books: scenarios and another on the 15 Challenges
20. On-line MP Course on the 15 Global Challenges (Renee)
21. Node for Legislators to act on MP research



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Review Purpose

- assist in organizing futures research
- up-date and improve global thinking about the future, and
- make that thinking available through a variety of media
- for consideration in public policy making, advanced training, public education, and feedback to create cumulative wisdom about potential futures.



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Phase I Goal

- Establish global participatory futures research as a sustainable and cumulative phenomena
- Should that be our goal for Phase II ?





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Review Phase I Objectives

- Link futurists, scholars, business planners, scientists, other creative thinkers, and institutions around the world.
- Provide a continuous system for identifying and tracking important thinking on key world issues and promote discussion about these issues and their potential solutions.
- Improve scholarly/multidisciplinary integral approaches in futures research.
- Increase the awareness of the future and its promise, including the view that the future could be shaped in the interests of society through thoughtful policies.
- Create a network of self-sustaining Nodes that connect global & local views and research of individuals and institutions around the world
- Produce annual *State of the Future* reports
- Up-date the *Futures Research Methodology* series
- Other studies and activities that the Millennium Project deems useful to further the goal of the Project
- Make the Project sustainable