

President's Council Autumn 2008, Tokyo

The University of Tokyo



Agenda

- **Opening Remarks**
 - 1. The First Three Years of Council**
 - 2. Research Organization and Activities**
- **Summary**
- **Going Forward**
- **Closing Remarks**



The First Three Years

1. Past Meetings Recaptured

- The World Changing Further
- Inputs from the Council

2. What Todai Has Done

- Action Plan
- Initiatives

3. Prospects

- Multipolar World
- Emerging Issues and Todai



The World Changing Further

Destabilizing World

- North Korea
 - Middle East
 - Central Asia
 - Infectious diseases
 - Financial instability
 - Migration
 - Pollution
- ⋮
- ⋮



The World Changing Further

- **Financial Crisis**
 - **Leverage / Globalization / Capitalism?**
- **Multipolarization**
- **Realizing the Finite and Shrinking Earth**
- **Competition**



Meeting Themes

- 1. How the World Perceives Todai**
- 2. How Can We Make Todai More Open, Friendly and Valuable?**
- 3. Toward Global Academic Leadership**
- 4. India, Todai and Coming Decades**



Inputs from the Council

- **Todai as Japanese University?**
- **Nurturing Leaders**
- **International Exposure for Japanese Students**
- **Attracting Foreign Students**
- **Leadership in Global Problem Solution**
- **Use of Convening Power**
- **Focused Strategy**



Action Plan 2005-2008

1. Education
2. Research
3. International Activities
4. Administration
5. Finance
6. Campus
7. Social Linkage



Initiatives

1. G8 University Summit

- Network of Networks
 - Italy, Canada...

2. Sustainable Campus Project

3. Executive Management Program

4. Policy Alternative Research Institute



G8 University Summit 2008



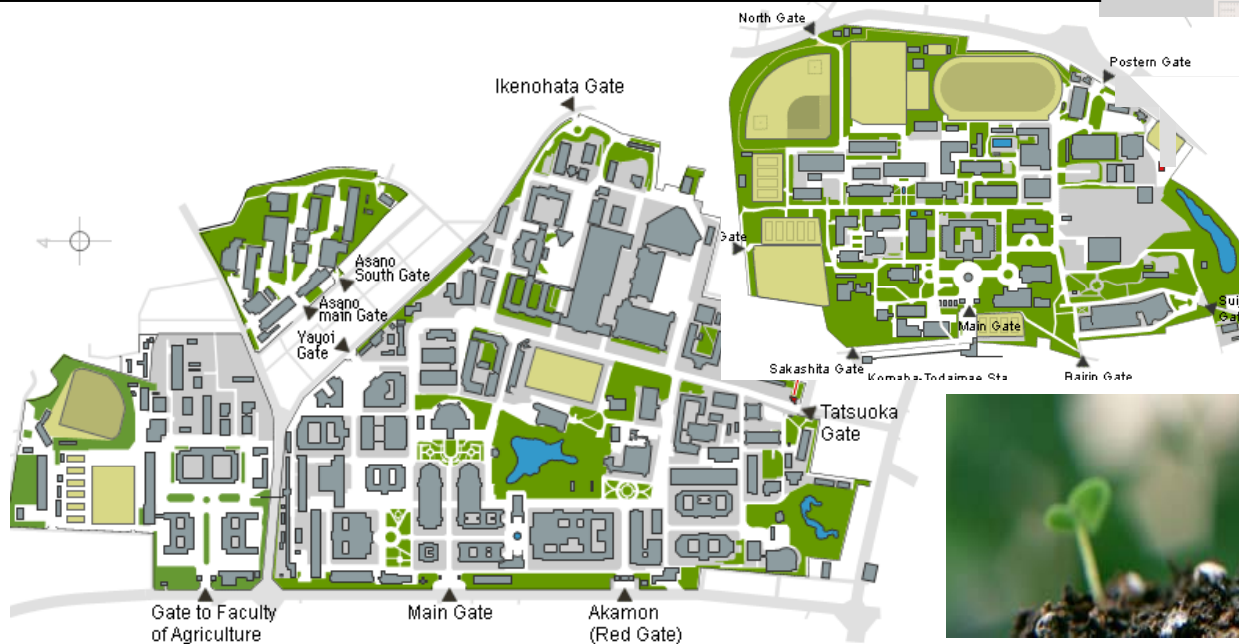
Sapporo Sustainability Declaration



Sustainable Campus Project

TSCP-2012 CO2▲15% (2006)

TSCP-2030 CO2▲50% (2006)



Executive Management Program

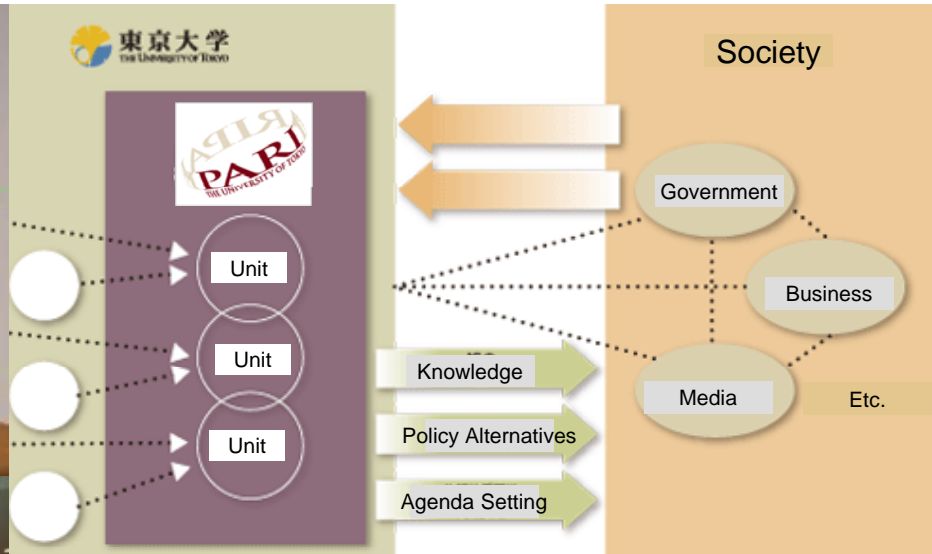
**70% Natural/Social Sciences
and Humanities**



**30% Management
Skills and Knowledge**



Policy Vision Alternative Institute



Kickoff Forum

November 14, 2008



21st Century Paradigm

The Finite and Shrinking Earth

20th Century
The Infinite Earth

21st Century

- Climate Change
- Globalization
- Pollution
- Food / Water...

Aging Society

1950 **2000** **2050**

- Longevity
- Low Fertility
- Healthcare
- Social Security
- Work Sharing
- Barrier-Free...

Explosion of Knowledge

1900 **2000**

Sunlight, CO_2 , H_2O → Chlorophyll → O_2 , Carbohydrate

H_2O , CO_2

Photosynthesis

Human Activities

Growth



Prospects

1. 21st Century Paradigm

- **The Finite and Shrinking Earth**
- **Aging Population**
- **Explosion of Knowledge**

2. Emerging Issues

- **Financial Crisis**
- **Balance of Power**



Research Organization and Activities

1. Research Organization

- Overview
- Research Institutes
- Interdisciplinary Programs

2. Research Activities

- Research Presentations
- Potential and Application



Research Organization

- **15 Graduate Schools**
 - **10 Faculties**
- **11 Research Institutes**
 - **18 University-Wide Centers**
- **15 Interdisciplinary Programs**



Research Institutes

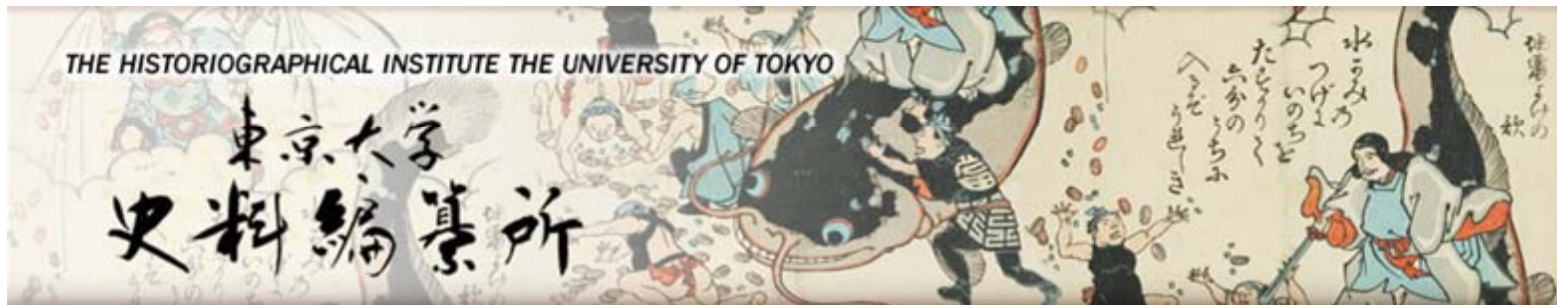
1. Institute of Medical Science
2. Earthquake Research Institute
3. Institute of Oriental Culture
4. Institute of Social Science
5. Institute of Industrial Science
6. Historiographical Institute
7. Institute of Molecular and Cellular Biosciences
8. Institute for Cosmic Ray Research
9. Institute for Solid State Physics
10. Ocean Research Institute
11. Research Center for Advanced Science and Technology



Research Institutes



The Earthquake Research Institute



The Ocean Research Institute



Interdisciplinary Programs

- **Integrated Research System for Sustainability Science (IR3S)**
- **Center for Knowledge Structuring**
- **Policy Alternative Research Institute (PARI)**
- **Institute for the Physics and Mathematics of the Universe (IPMU)**
- **Institute for Nano Quantum Information Electronics (INQUE)**
- **Information and Robot Technology Research Initiative (IRT)**
- **Interdisciplinary Research Project**
 - **Science Integration Projects**
 - **Gerontological Research**



Research Activities

Professor Yasuhiro Iye

- Institute for Solid State Physics

Professor Isao Shimoyama

- Information and Robot Technology
Research Initiative

Professor Yasuyoshi Ohuchi

- Program of Genrontological
Research



Todai Research

1. Potential

- Frontier?

2. Organization

3. Linkage with External Resources

4. Application and Utilization



Going Forward

- **November 19-20, 2009, Tokyo**



Thank you

