

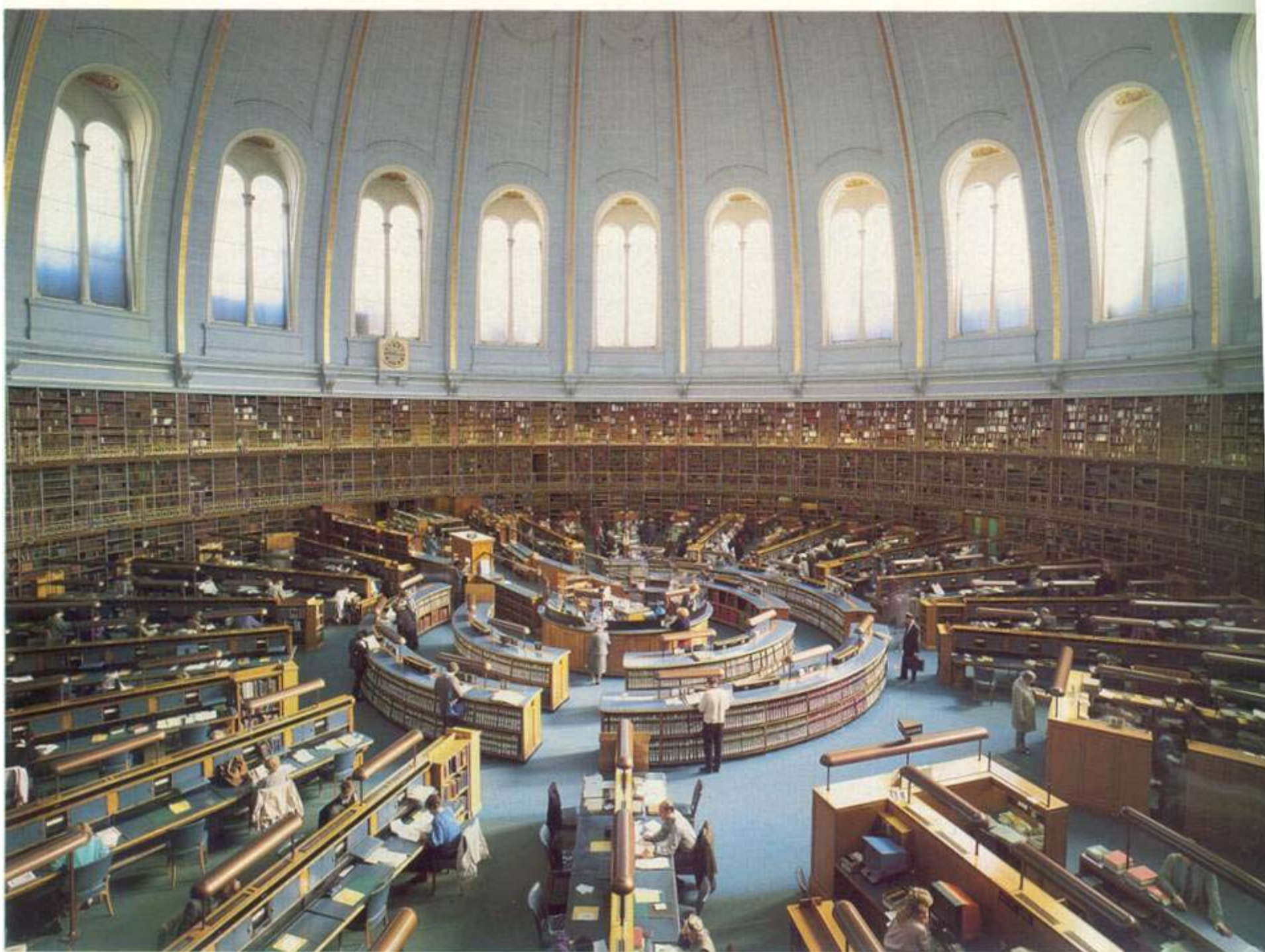
Why do we have to wait for a global academic digital Library..... ?

Be it:

- *by discipline such as health related sciences library,*
- *that the definition of global (how global is global) is disputable:
group of countries, EU, intercontinental, ...*

Rik Verhaaren
Faculty of Medicine
University of Ghent, Belgium

IMHE General Conference
OECD – Paris September 11-13, 2006





GENT





03/11/2005 16:39



What would we like to have ?

Full, unlimited access

ICT allows total globalisation of education and research

The use of the FULL POTENTIAL of ICT

Adres <http://www.theeuropeanlibrary.org/portal/index.htm> Ga naar Koppeli

Google Zoeken PageRank 8 geblokkeerd Spelling controleren Opties

Copernic Agent E-mail Addresses Up History Track Results Bar

οθήκη La Biblioteca Europea Det europæiske bibliotek La bibliothèque européenne De Europese Bibliotheek
k The European Library Det europeiska biblioteket Avrupa Kütüphanesi Europska knjižnica Eiropas bibliotē
na Evropska knjižnica Az Európai Könyvtár Die Europäische Bibliothek Euroopan kirjasto Euroopa raamatukogu

SEARCH COLLECTIONS LIBRARIES TREASURES ABOUT US

Simple search **Advanced search** Results

SEARCH

Enter a title, an author, ...

On start up you search in the [default list of collections](#).

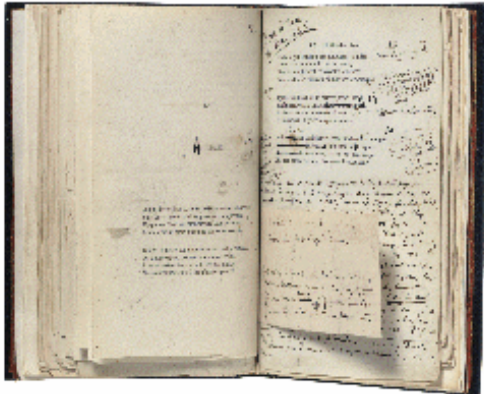
For more specific results [choose your own collections](#).

▶ [Advanced search](#) (more options)

Browser support

This website currently supports Internet Explorer 6.0+(pc), Firefox 1.0.2+(pc/mac) and Mozilla 1.7.8/Netscape 7.2+ (pc/mac). Opera and Safari are currently not supported. Extended browser support is under development.

THE EUROPEAN DIGITAL LIBRARY TREASURES



Baudelaire, Charles: Les Fleurs du mal
National Library of France

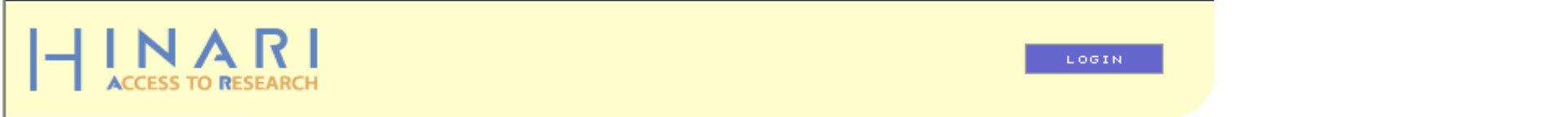
▶ [View treasure](#)
▶ [More treasures](#)

The national libraries of Europe

► [Home](#) ► [The national libraries of Europe](#)

THE NATIONAL LIBRARIES OF EUROPE

- Albania - Austria - Azerbaijan - Belgium - Bosnia and Herzegovina - Bulgaria - Croatia - Cyprus - Czech Republic
- Denmark - Estonia - Finland - France - Germany - Greece - Hungary - Iceland - Ireland - Italy-Florence - Italy-Rome
- Latvia - Liechtenstein - Lithuania - Luxembourg - Malta - Moldova - Netherlands - Norway - Poland - Portugal
- Republic of Macedonia - Romania - Russia-Moscow - Russia-St. Peterburg - San Marino - Serbia - Slovakia
- Slovenia - Spain - Sweden - Switzerland - Turkey - Ukraine - United Kingdom - Vatican City



HINARI

- About HINARI
- Full-text journals, databases and other resources
- Eligibility
- Register
- Partners
- Publishers' statement
- Frequently asked questions
- Training
- Using HINARI

Health InterNetwork Access to Research Initiative

The HINARI program, set up by WHO together with major publishers, enables developing countries to gain access to one of the world's largest collections of biomedical and health literature. Over 3300 journal titles are now available to health institutions in 113 countries, benefiting many thousands of health workers and researchers, and in turn, contributing to improved world health.

NEWS

Information Training and Outreach Center for Africa (ITOCA) works with over 300 institutions
[Full text](#)

[ITOCA homepage](#)

[ITOCA Newsletter](#)

The HINARI collection of full-text online journals now offers more than 3300 titles
We are very pleased to announce that, following a number of requests from our users, Elsevier

FEEDBACK FROM USERS

Dear HINARI,
We hope to benefit a lot from this database as we are suffering from information famine in this institute, Bhutan, June 2006
[More Feedback](#)

HINARI SUCCESS STORIES

HINARI program continues to bring benefits in the Republic of Moldova
At the end of 2003 a first Information Center "INFOMEDICA" (with 50 computers connected to Internet)

[Sitio HINARI em Português](#)

AGORA

Visit our sister programme Access to Global Online Research in Agriculture

HINARI

Keep up to date!

HINARI poster [pdf 936kb]

Digital libraries for countries in way of development

PERI-INASP

(Program for the enhancement of Research information / International network for the availability of Scientific Publications)

EiFL

(Electronic information for Libraries)

NAS (National Academy of Science)

– Pakistan and Iraq Digital Libraries

HINARI-AGORA (Unesco)

Health InterNetwork Access to Research Initiative / Access to Global Online Research in Agriculture



Address <http://www.lib.helsinki.fi/finelib/english/>

Google finELib Zoeken Zoeken in België PageRank 41 geblokkeerd Spelling controleren Adobe Y! Search Web Mail My Yahoo! Answers Games



- › ORGANIZATION
- › NELLI PORTAL
- › DEVELOPMENT PROJECTS
- › RESOURCES
 - SEARCH RESOURCES
- › CO-OPERATION
- › REPORTS
- › CONTACTS

FinELib

FinELib, the National Electronic Library, acquires Finnish and international resources to support teaching, learning and research. FinELib negotiates user-rights agreements for electronic resources on a centralised basis for its member organisations. The National Library of Finland is responsible for FinELib operations and development. The National Library cooperates with universities, polytechnics, research institutes and public libraries and is involved in key national projects.

Suomeksi | På sven

Research – Learning and Education

More than just JOURNALS

Scientific Publishing

= one of the possible ways of “**Scholarly communication**”

Communication = more than publications

E-Books, databases, institutional depositories, educational materials, multimedia, ..



United States National Library of Medicine National Institutes of Health



The World's Largest Medical Library

- ▶ Health Information
- ▶ Library Catalog & Services
- ▶ History of Medicine
- ▶ Online Exhibitions & Digital Projects

- ▶ Human Genome Resources
- ▶ Biomedical Research & Informatics
- ▶ Environmental Health & Toxicology
- ▶ Health Services Research & Public Health
- ▶ Health Information Technology

- ▶ About the National Library of Medicine
- ▶ Grants & Funding
- ▶ Training & Outreach
- ▶ Network of Medical Libraries

On Exhibit at NLM



Visible Proofs: Forensic Views of the Body February 16, 2006 - February 16, 2008

Especially for:

- The Public
- Health Care Professionals
- Researchers
- Librarians
- Publishers

Current Health News

Infant Deaths After C-Sections Rise Even in Low-Risk Pregnancies (09/01/06)

Juice Consumption Linked to Reduced Risk of Alzheimer's (09/01/06)

Obesity in Men Linked to Infertility (09/01/06)

More Health News

NLM News and Press Releases

NLM Assistant Director for Policy Development Appointed (08/31/06)

Contact NLM | Site Map | FAQs

Search NLM Web Site

Search input field with Go button

List of NLM Databases and Resources



PubMed Biomedical journal literature from MEDLINE/PubMed

VISIT SITE



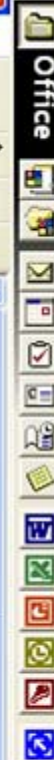
MedlinePlus Health and drug information for patients, family and friends

VISIT SITE

ESPAÑOL



Tox Town



- Nucleotides
 - GenBank
 - RefSeq (Reference Sequences)
 - dbEST (Expressed Sequence Tags)
 - dbGSS (Genome Survey Sequences)
 - dbMHC (Major Histocompatibility Complex)
 - dbSNP (Single Nucleotide Polymorphisms)
 - dbSTS (Sequence Tagged Sites)
 - TPA (Third Party Annotation Database)
 - Trace Archive
 - UniSTS (Sequence Tagged Sites)
 - PopSet (Evolutionary Relatedness)
 - UniVec (Vector Sequences)
 - WGS (Whole Genome Shotgun Sequences)
- Proteins
 - RefSeq (Reference Sequences)
 - CDD (Conserved Domain Database)
 - MMDB (Molecular Modeling DataBase)
 - 3D Domains
 - PubChem BioAssay
 - PubChem Compound
 - PubChem Substance
 - Gene
 - UniGene
 - HomoloGene
 - CCDS (Consensus CoDing Sequence)

- Literature Databases
 - PubMed
 - PubMed Central
 - OMIM
 - Books

- Molecular Databases
 - Nucleotide Sequences
 - Protein Sequences
 - Structures
 - Genes
 - Gene Expression
 - Taxonomy

- Genomes
 - Entrez Genome
 - Entrez Genome Project Map Viewer
 - Cancer Chromosomes
 - SKY/M-FISH & CGH Database

Databases

Query all Entrez Databases

About
Contact
Research
Software Engineering
Site Search

Data Submissions

Tools

Entrez Tools

- Query all Entrez Databases
- Entrez Data Model
- My NCBI (Cubby)
- LinkOut
- Batch Entrez Nucleotide
- Batch Entrez Proteins
- Citation Matcher
- Batch Citation Matcher
- Entrez Utilities


Data Analysis Tools

- Similarity Searching (BLAST)
- Nucleotide Sequence Analysis
- Protein Sequence Analysis
- Molecular Structure Analysis
- Gene Expression

FTP










- Databases and Software

Education


[Web](#)
[Images](#)
[Video](#) ^{New!}
[News](#)
[Maps](#)
[more »](#)




More Google products

Search






-  [Alerts](#)
Get email updates on the topics of your choice
-  [Blog Search](#)
Find blogs on your favorite topics
-  [Book Search](#)
Search the full text of books
-  [Catalogs](#)
Search and browse mail-order catalogs
-  [Checkout](#)
Complete online purchases more quickly and securely
-  [Desktop](#)
Search and personalize your computer
-  [Directory](#)
Browse the web by topic
-  [Earth](#)
Explore the world from your PC
-  [Finance](#)

Also scholar.Google

Explore and innovate

-  [Code](#)
Download APIs and open source code
-  [Co-op](#)
Contribute your expertise to help improve Google search
-  [Labs](#)
Explore Google's technology playground

Communicate, show & share

-  [Blogger](#)
Share your life online with a blog -- it's fast, easy, and free
-  [Calendar](#)
Organize your schedule and share events with friends
-  [Gmail](#)
Fast, searchable email with less spam
-  [Groups](#)
Create mailing lists and discussion groups
-  [Picasa](#)
Find, edit and share your photos

Why is the world not perfect?

The problems and their consequences

“Price war”

Polarization libraries to ICT

Monopolistic strategies

Lack of global cooperation

Licenses, copyright, patents,

We do not use the full power of ICT: insufficient “capacity building”

In the actual situation there is no answer to the real needs and expectations of the academic and scientific society

Ethics (values and norms) in knowledge management are poorly defined

Is knowledge a universal (human) right ?

Specific rights derived from the Universal declaration:

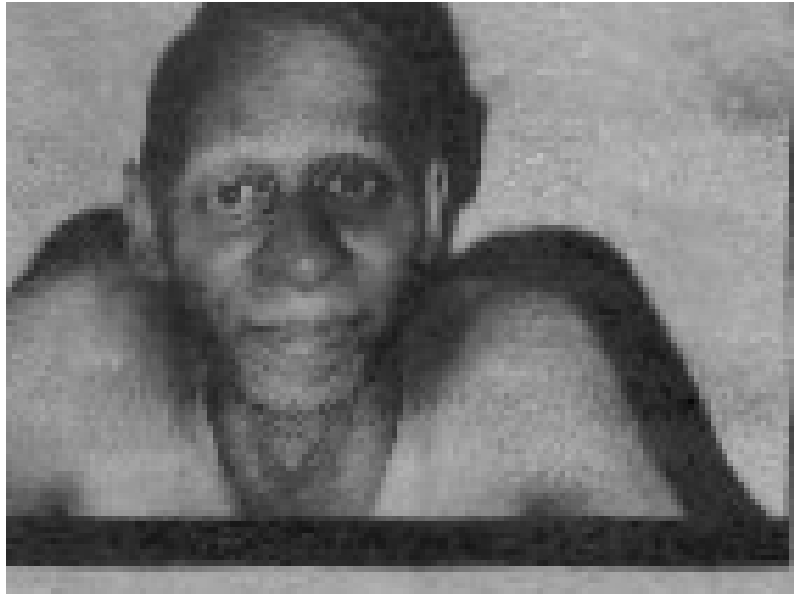
Housing, health, water, environment,
finances, EDUCATION, KNOWLEDGE,
Research, ???

The informed humanity Strategic ethical objectives (1)

Ethics of the infosphere (COMEST/Unesco):

Although the right to education was clearly formulated, the COMEST did not go as far as to proclaim ***access to information*** as a basic human right

This man regarded it as a fundamental right



De Standaard (Belgian news paper, september 2, 2006)

“This 43 year old psychologist and journalist, Guillermo Fariñas was on hungerstrike for seven months to obtain unlimited access to the internet. This access is limited in Cuba, where the authorities decide to whom and to what extent access to internet is given.”

Also other people believe in the right on information

(without going to hunger strike)

The COPE guidelines

The AMIA workgroup on ethical, legal and social issues

PLOS-PLOM

OAI (open archive initiative)

NHS recommendations on “Research governance Framework for Health and social care

Joseph E. Stiglitz, former Vice-President World Bank

And many others...



**Knowledge is a
global public good**

**Senior Vice-President and Chief-Economist 1997-2000
Professor at Columbia University**



- Home
- CV
- Bio
- Press
- Papers
- Books
- Courses
- IPD
- Links
- Festschrift

Search
 Web josephstiglitz.com

Joseph E. Stiglitz

University Professor

Contact Information:

Phone: +1 (212) 854-1481
Fax: +1 (212) 662-8474
Email: Joseph Stiglitz <jes322@columbia.edu>

Address:

Uris Hall, Room 814
Columbia University
3022 Broadway
New York, NY 10027

Appointments:

University Professor. Teaching at at the [Columbia Business School](#), the [Graduate School of Arts and Sciences \(Department of Economics\)](#) and the [School of International and Public Affairs](#)

Co-founder and Executive Director of the [Initiative for Policy Dialogue \(IPD\)](#)

Chair of Columbia University's [Committee on Global Thought](#)

Chair of the Management Board and Director of Graduate Summer Programs [Brooks World Poverty Institute](#)

My new book:

Buy from [amazon.com](#)

My new book:



Oxfam Fair trade

Oxfam Fairtrade

Wereld

Winkels

Campagnes

Jongeren

Algemeen



Oxfam Wereldwinkels

log in | contact | kalender | meewerken

- > [Terug naar school!](#)
- > [Douwe Egberts verliest octrooi koffiepads](#)
- > [MO* september 2006](#)
- > [4 vacatures bij Oxfam-Wereldwinkels en Oxfam Fairtrade](#)



Zoek

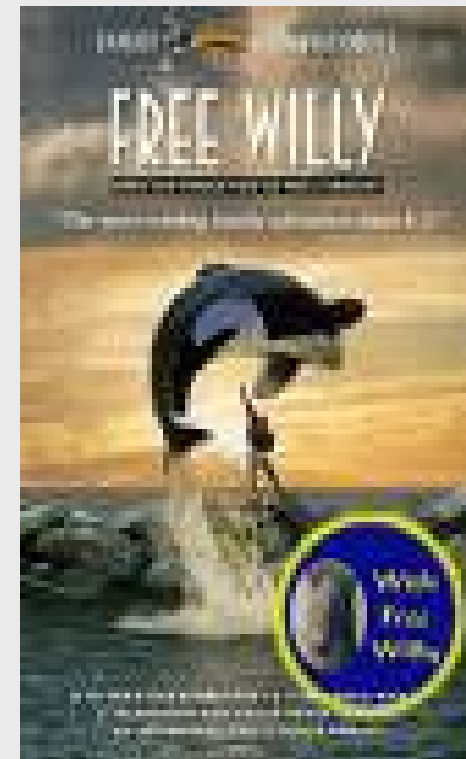
Developed by Lodestar

The informed humanity Strategic ethical objectives (2)

The ethics of corporate governance
OECD principles
IFAC code of ethics

“Equity, sustainability, honesty, transparency
and responsibility”

A humanistic view on economics:
“aiming to free people”





From *The Ultimate Field Guide to the U.S.*

Small Is Beautiful: An Introduction to E. F. Schumacher (2/5/03)

By Noah Enelow

Few economists of the last fifty years have offered more striking alternatives to mainstream economic thinking than Ernest Friedrich Schumacher. (..)

Schumacher's career afforded him the ability to critique the economic system from within, and propose alternatives - not primarily through policy prescriptions, but through a radically different attitude towards life.

Several of Schumacher's ideas are particularly relevant to contemporary economic life. Perhaps the foremost among these is the **idea of decentralization.**

**Our challenge: combine this with globalisation
Think global, act local**

The informed humanity
Strategic ethical objectives (3)

Ethics of research and education

There exist well defined internal rules of conduct
BUT:

**Academic institutions lack well defined
rules of conduct on relations with each
other**

Possible roads to “external code of ethics”
for academic institutions
They are not prepared for real collaboration

Remedy?

The principle of

OPTIMIZATION OF FUNCTIONS

Not maximization (trying to be the biggest)

Also in the field of documentary information

**My University is
a fortress**



Roadmaps ?

EXAMPLES:

Library of congress – NLM

Already existing global information platforms

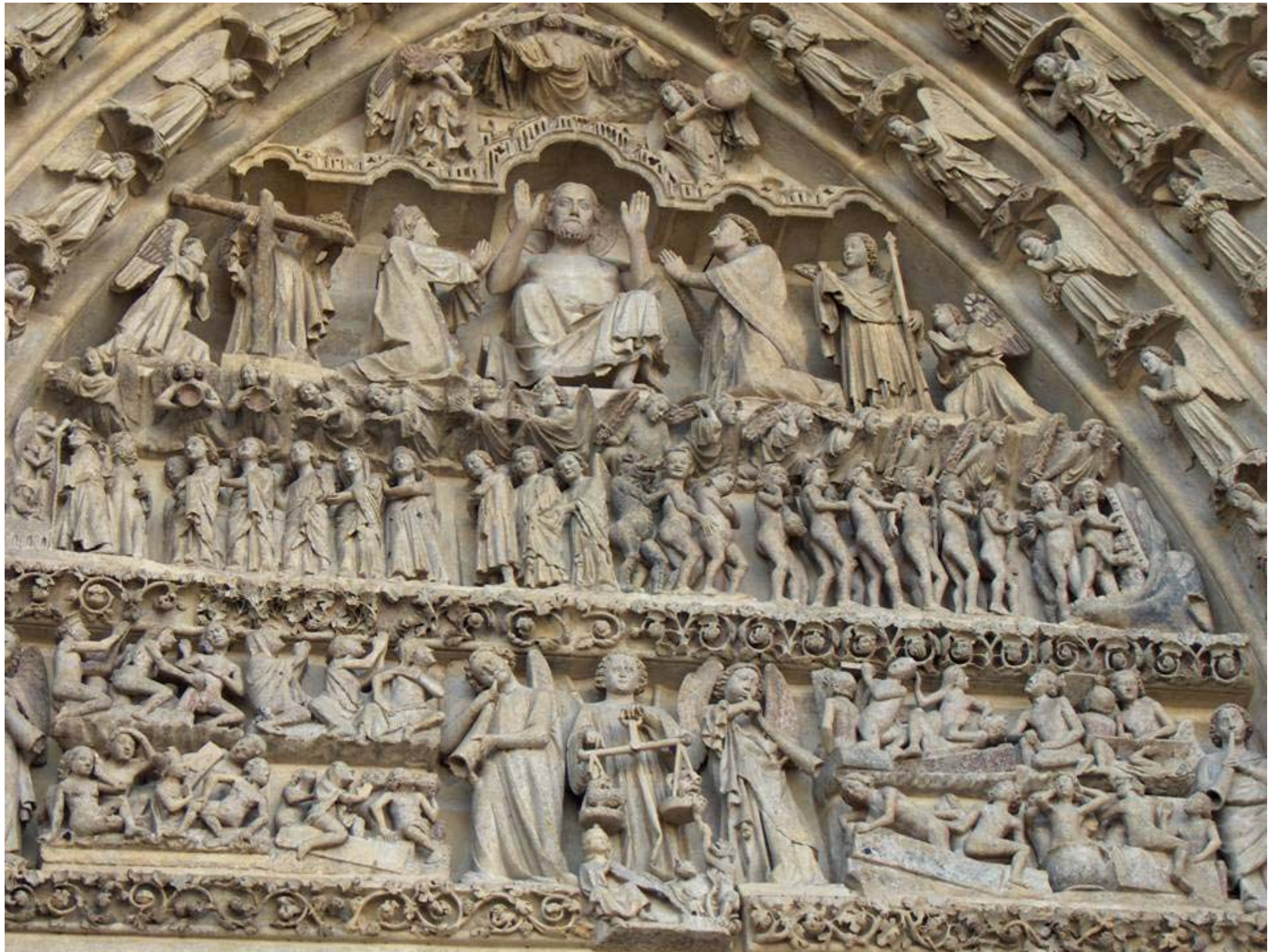
**Europe (Asia): additional challenge of
multilinguicity and multiculturality**

Concrete Policy following certain lines:

- Organization according to “knowledge pools”
 - **OPTIMIZATION:** binding education to information resources, binding knowledge to effective action
 - Centralization of administrative structures (principle of subsidiarity)
 - Decentralization of functions
 - Rules of good (fair) governance
 - Balance between local needs and global technology
 - Responsibility towards development and globalization
-

Who should take the initiative ?

Who will guide this process ?





Major players ? (unlimited)

Academic Institutions

Government

Industry

Sponsors

Society

.....



**Maljavin F.
Dancing farmer's wife**

**Let us use
the full power
of present time
technologies
to provide full, free
and easy Access to
knowledge to
everyone**



**The challenge
to make something
beatiful together**

**Enhance
Capacity building
and global
development**

Knowledge

One of the precious things where...



Altman N.
Composition with
non-living
materials, 1920