



Foundations of hope for a
global sustainable
information
society

Funda-
mentos de
esperanza
para una sociedad
de información
global y sostenible

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1 The Great Bifurcation

- We live in the age of **global challenges**.

Global challenges are due to disparities in social relations

- among humans
- between humans and nature
- between humans and technology



1 The Great Bifurcation

- Disparities in social relations among humans = alienation of humans from each other through alienation from society („Big Brother“, „Net“)
 - cultural crises
 - political crises
 - economic crises



1 The Great Bifurcation

- Disparities in social relations **between humans and environment** = alienation from nature („Gaia“)
 - environmental catastrophes



1 The Great Bifurcation

- Disparities in social relations **between humans and technology** = alienation from technology („Megamachine“)
 - technological disasters



1 The Great Bifurcation

- Global challenges

- threaten the continuation of humanity through another world war and environmental catastrophes
- can be met only by all humanity: need of global consciousness



1 The Great Bifurcation

- We face the choice:
 - either **breakdown** of the interdependent world system because of business as usual
 - or **breakthrough** to a higher-order world system through co-operative action



2 Global Sustainable Information Society

- Framework of requirements:
 - first, the change must re-design relations among all humans on earth and between them and nature and technology and build up an integrative **new world-system**
 - hence **globality**



2 Global Sustainable Information Society

- Framework of requirements:
 - second, the change must establish **safeguards against man-made dysfunctions** that might, eventually, cause the collapse of the whole world-system
 - **hence sustainability**



2 Global Sustainable Information Society

- Framework of requirements:
 - third, the change must mobilise humanity's best **intellectual capacities** to gain knowledge that allows for the design of the required safeguards
 - hence **informationality**



3 Global Consciousness

- The Triple-C Model describes **social information** (= information of, between and in social systems) in different levels:
 - cognition
 - communication
 - co-operation



3 Global Consciousness

- First, **social cognition** =
the actualisation of capabilities of actors
(= social agents, social systems) of
reflecting their own goals, the state they
are in, and the way to reach the goals, as
individual systems



3 Global Consciousness

- Second, **social communication** = the actualisation of capabilities of actors of **reflecting** each others' reflection on goals, states, and ways, **in interaction of individual systems**



3 Global Consciousness

- Third, **social co-operation** =
the actualisation of capabilities of actors
of **reflecting** goals as common, states
they are in as common, and ways to
reach their goals as common, **in the**
collective supra-system they are
integrated with



3 Global Consciousness

- Human history has so far unfolded different stages of the formation of social cognition, communication, and co-operation; they have been oscillating between **individualism** and **collectivism**.



3 Global Consciousness

- First stage: **Tribalism**
at the dawn of humankind in face-to-face groups
 - the supra-system is mystified as an all-embracing „We“; any actor works as personification of the „We“
 - **myths** convey tradition
 - **means and ends are not questioned**



3 Global Consciousness

- Second stage: **Idiotism**
from Antiquity to this day's anonymous mass societies
 - the actors become **self-regarding** persons of their own; the structures of the supra-systems prioritise **competition**
 - **ideology**: the **private** as the supreme good
 - **means are intelligently flexibilised** for given, shortsighted ends



3 Global Consciousness

- Possible, but needful third stage:
Cosmopolitanism (= global, sustainable information society)
here and now (to avoid barbarism)
 - actors need to build up a **unity-through-diversity relationship** to the supra-system (collective reflexion assures that the pursuit of individual goals does not harm other supra-system components)



3 Global Consciousness

- Possible, but needful third stage:
Cosmopolitanism (= global, sustainable information society)
here and now (to avoid barbarism)
 - **realistic, science-based assessment** of different development paths is needed



3 Global Consciousness

- Possible, but needful third stage:
Cosmopolitanism (= global, sustainable information society)
here and now (to avoid barbarism)
 - means as well as ends need to be **questionable** and **agreeable** (actors are capacitated to reflect their own position as well as the position of others from the perspective of the supra-system)



4 Conclusion

- From communication to **solidarity** =
toward **co-operation**
toward a **global sustainable information society**
toward **global consciousness**
toward **cosmopolitanism**



4 Conclusion

- There are **foreshadowings** of a global sustainable information society...



Gracias por su atención

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