

Artificial Intelligence

i cannot say that I like computers.
i like the intellect.
and computers are out there,
crystalline and most powerful.
it is beautiful how they operate,
and it is frightening to see our known
worlds dissolving,
and witness the stoic or autistic reaction of
our societies.
computers are the challenge,
and our societies are reacting in inadequate ways,
risking and even celebrating the idea of a
clash.

computers show their POWER in the form
of global URBANISATION.
the global DYSTOPIC RHETORIC says
that we cannot afford this,
which obviously doesn't matter
and opens the door to an overwhelming
PRODUCTION OF ARTEFACTS
SWALLOWING UP ALL CULTURES in
the generic.

it is time for ARCHITECTURE to understand the MECHANICS,
to affirm power and give this power a FACE.
it is time to give the forms of power a
FORUM.
it is time to rethink the CITY
and to start navigating our planet with
CONSCIOUSNESS.

how to think about AI

forget about AI as a technical development
of the last 20 years.
it is a mindset which came into being
around 1900,
and which becomes evident today,
because it has found its adequate technical
implementation, around 2000.
therefore we have to read the whole 20th
century as AI—
everything else would be inadequate.

we experience a digital copernican turn.
all problems are solved by machines on
flatland.

we have taken off and navigate a starship;
we do not need a SOLUTION:
all solutions are on board;
we need a DIRECTION.

listening to the talk
about the changing WEATHER, which is
something we can measure,
and the CLIMATE, which we can estimate
and calculate,
reading it as an indicator
of our awakening awareness of our
PLANETARY BODY
and the demand for a navigation of
SPACESHIP EARTH,
of course it is frightening,
to see COLOURS for the first time.
but it is definitely not a problem,
it is a SITUATION
which requires that a NEXT STEP
to the yet UNKNOWN be made.

what did we take with us on our spaceship?
YES we have to be careful,
operate in cycles, do RECYCLING to
survive.
but what is OUT there?
it is ANYTHING,
it is the BIG PLENTY
that we are threatened by.

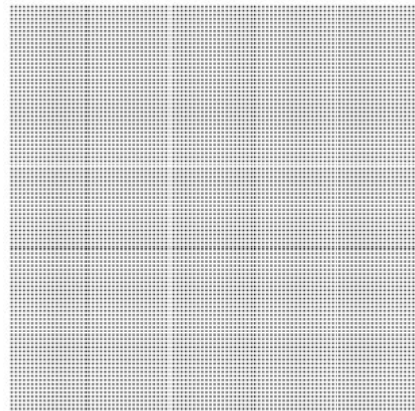
the question of ENERGY for example

take ENERGY for example.
energy is not a resource,
energy is just there, in PRINCIPAL
ABUNDANCE:
the world currently consumes 574 EJ of
primary energy per year.
the efficiency of our engines is 30–50%,
which makes about 220 EJ that we are using
to ‘feed’ 8 billion people.

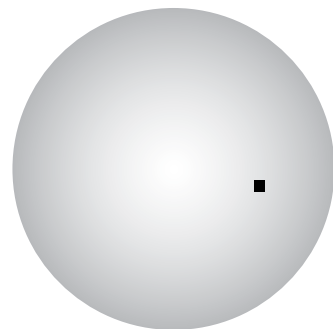
and you are right: NATURE’s photosynthesis
produces only 400 EJ of resources,
which is neither enough,
sustainable nor good
if we consume it.

but look out of the window of our spaceship
and you see that solar radiation impact to
our planet is 3,900,000 EJ.
energy is not about resources, nature
and scarcity.
it is about intellect, our planet and the plenty.

10,000 illustrated:



1/10000 in an array of 100 × 100.



1/10000 on the surface of a sphere.

SO

just switch your mindset,
from burning the 400 EJ of available
natural resources IN here
to accessing the 3,900,000 EJ of solar
radiation OUT there.

just switch from CONSUMPTION of what
nature is producing
to artificial photosynthesis powering
artificial intelligence
and a COEXISTENCE with nature.

DONE

some obvious NUMBERS

and obviously this switch is on its way:
if we look at the factuality of numbers,
things are growing beyond natural
proportions.

in the last 50 years global wealth has in-
creased by a factor of 60.
in the last 50 years life expectancy has
grown by 20 years.
in the last 50 years an extra 6 billion
people became literate.
in the last 200 years the rate of homicides
went down by 90%.

...

this is AI.
AI is driven by a new mindset,
AI accesses the energy of the solar stream,
AI solves all old problems,
AI is the new ground.
AI is nutritious.
things prosper in all aspects.

and
no culture has experience of this challenge.

no culture likes it.
all cultures are blind and yet exposed to it.

and because there is no problem,
you cannot find any existing solution.

WE ARE ALONE IN OUTER SPACE

why does AI work

let us have a closer look at
the nature of this success of AI.

it turns out that
the principal interests of people
on this planet are not so diverse,
as we might expect:
everybody likes good food,
everybody takes care of their kids,
everybody goes in for good medicine,
good education,
good housing,
mobile phones,
being mobile,
safe places,
decent work,
hanging out...—
we do it in different ways,
but we all like more or less
the same things.

the smartness of AI is
that it delivers all its services
with almost no direct implications
in FORM or STRUCTURE:
you can play any culture on penicillin,
you can run any machine with electricity,
you can talk any language with your mobile,
you can play any culture on the internet...

it's so easy



if there is a problem,
then it is that everything becomes so easy:
all structure and all form of our cultures
is DISSOLVING in the new stream of AI.

we need to be patient,
AI is a challenge to all cultures,
wealth always and only comes
with education,
education takes time,
people will emancipate,
and their societies will flourish
with these artefacts of AI.

landscapes evolve on this new planet.
this is what we call URBANISATION today.
the prosperous industrialised
FARMLAND of today,
feeding 8 billion people with ease,
no cultural setup before has been able
to do so.

of course there are unbearable problems
that have not yet been solved,
but addressing them or at least pretending
to take care of them
is part of the solution that AI provides.

how did AI evolve



Wong Kar Wai, *In the Mood for Love*, 2000.

it is night. you are at home. it is cold outside.
you organise your comfy and warm place
around the fire.
you maintain your life with care.
your life runs in cycles, time is passing by.
in this concentration you develop engines
and technical structures.
your life is centred on reflection,
on education,
on control and analysis of everything,
including yourself and your psyche,
of course.
because you have time.
the calculus,
the engines,
l'égalité,
the profit,
the taxes,
La Belle et la Bête,
The Logic of Thought,
Studies on Hysteria...



an eternity, but only hours later:
 the SUNRISE.
 strong and warm.
 there is a whole world that shows up
 outside in the bright sunlight.
 quite different from your home that
 you got so comfortable with.
 everything is strange and in different colours,
 everyone is telling stories about their
 dreams of the night.
 there is plenty of everything,
 it is rich, powerful, of all shades,
 of strange forms,
 fascinating...—
 you go outside,
 you are confused,
 because these things are not part of your
 orchestrated home.
 you join all theses aliens as a migrant,
 and you start to learn to talk,
 to make your way,
 out of the cosy circles at home.

these are the 'friends' you meet:
 the TV
 the automobile
 the nuclear energy
 the airplane
 the bubble gum
 the antibiotics
 the synthetic fertiliser
 the laser light
 the bikini
 the photovoltaics

the electronic computer
 the xerox windows
 the mobile phone
 ...

things are growing like crazy,
 on this new industrialised farmland,
 which just needs the sun to grow.
 100 times more of everything,
 compared to just 100 years ago.

not only this,
 it is most irritating
 that things of value become inflationary
 by these numbers.
 and not only things,
 but your social status too.
 you worry about it
 and it is difficult to keep your stance in style.



the QUESTION so far

- A why are we not aware of these numbers
and talk about saving our planet,
claiming we are poor?

the answers so far:

- 1 if URBANISM is industrialised farm-
land, and it's growing like crazy,
- 2 then the people in charge—
whoever they are—are the
LANDLORDS,
- 3 and the others, who don't know these
numbers, are the FARMERS.
- 4 and as farmers they are right to act
SUSTAINABLY,
and it is right to believe that it is good
to SAVE THE PLANET.

so the next question is:

- B what is the source of power,
and who is in charge?