N small to provide us with enough food, clothes, electronic devices,
housing and, of course, cars for every I calculated for how long the amount of oxygen in the atmosphere photosynthesis stopped completely the oxygen constantly being used b the civilization of wasteful primates.
We used global statistics of fossi fuel consumption (gas, oil, coal) calculated molar mass of a simple
chemical reaction $\mathrm{C}+\mathrm{O} 2=>\mathrm{CO} 2$ atmosphere and the mass of oxygen dissolved in the oceans, oxygen consumed
wildfires, ett Simple calculations showed that
if plants stopped performing
photosynthesis, for example as a
result of a volcanic eruption and a
subsequent dispersal of volcanic
ashes, we would run out of oxygen
after merely a decade. By run out of
I mean that ooygen levels in the
atmosphere would go down from
$21 \%$ to $18 \%$, which is equal to the
concentration of oxygen in the
expired air of and we would
suffocate. If we went further with
this simple experiment, it would turn
out that oxygen would run out
completely after fifty years, which
would regress the development of
life on Earth by around 3 billion
years. Dispersal of volcanic ashes
shading sunlight might really happen
as it already did in the ninetenth
century in Iceland and Ireland
affecting the potato crops and
causing famine.
However, in the meantime we
would produce such an amount of
CO2 that before the oxygen would
run out, we would be killed, or rather
fried, by the greenhouse effect.
Forests, so greedily logged both in
the Amazon and in Poland, capture
said CO2 and convert it to oxygen
we so desperately need to live. But
each year, as the deforestation
continues, they can capture less and
less CO2.

## How do we use cars?

economic and ecological impact
different means of transport,
would soon discof would soon discover that using any
vehicle bigger than a bicycle is a sort vehicle bigger than a bicycle is a sort
of over-exploitation. For this reason, the author of this article, when in
Warsaw, never uses anything other Warsaw, never uses anything other
than his bicycle (or metro), even in minus temperatures. My belief
system just doesn't allow me to drive
a car in the city and now I will
explain why.
It is an economic and ecological paradox, that in order to move by
car $50-100 \mathrm{~kg}$ of our own we drag along a ton of steel, that is weight ourselves. There is a clear contrast with a bicycle which weights
10 times less than we do. And we make that ton of steel accelerate and one trip, which consumes a great amount of energy and emits
proportional amounts of CO 2 and other greenhouse gases. Similar disproportions can be seen when we human being occupies when travelling by car (up to 100 sq. m , by bike(a couple of sc. $m$ ) or by train
(zero).
What is even worse, we usually travel by car alone. Reports state that
in Poland, cars are usually occupied in Poland, cars are usually occupied
by 1,3 persons which means we use only about $30 \%$ of their capacity. We can see, when stuck in everyday
traffic, that in the majority of car the driver is the sole passenger. Therefore, using a car seems to
an environmentally irresponsible manifestation of consumerism. No other animal
consumes as much as homo, allegedly sapiens. We should bike over a car for their daily commute.
However, in the suburban areas there is no sensible alternative to paths are being built, not everyone has enough strength and motivation matter the weather or season

For that reason the way we us cars should be changed. Driving

Traffic jams are a serious environmental and economic issue with which we have been dealing for the past 50 years. Without great success. The issue is becoming more and more serious with every decade as the Earth's population keeps growing and our planet is becoming too small.


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## Let's reduce traffic, get to know the neighbours and protect the environment together!

iotr Krupa-Lubański


