

Version: April 25, 2016.

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THE CONSULT-2016 (JANUARY 20, 2016) PANEL IV ADDRESS**

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GOOD DAY :)

It is my great pleasure today
to talk in front of such a great audience.

In my 10-minute address I will stress 10 issues
that could be important for our mission.

All the ten are lessons learned
from my life-long professional experiences.

LESSON #1: THE CUTTING-EDGE HIGH-TECH HAS A TREMENDOUS ECONOMIC POWER

All my education,
including PHD in computer engineering,
is from Belgrade,
where in parallel with PHD,
I worked full-time for the exYU defense industry,
where I learned the following:

For one of my projects, on the world market,
some DataComm equipment was costing \$250K per box,
while we were able to produce it for only \$250 per box,
which represents 1000x,
in conditions when 1000s of such boxes were needed
for a small country like exYU was.

On the US defense market,
the cost of built-in components would be only \$25 per box.

Therefore, worldwide, on only this one product,
that is billions made with a profit margin of million %,
bigger even than the profit margins
that created the UNIQUE beauties of Venice,
at the time of Crusader wars :)

LESSON #2: A SINGLE PERSON COULD MATTER A LOT

After I completed my PHD in Belgrade,
I joined Purdue University in the USA,
as a tenure-track assistant professor.

Prior to my coming there,
Purdue was rated #5 in the USA.

When I came there,
its rating dropped to #10.

After I left it a decade later,
it came back to #5 :)

LESSON #3: EDUCATION IN MATH AND ENGI HAS POWER

While at Purdue,
I was co-architecting the world's first 200MHz microprocessor,
for the US defense industry,
about a decade before the commercial companies
were able to do the same.

Although I came there
from one of the poorest countries of East Europe,
I was able to make it.

How come? Why?

Because not all was bad about communism ;)

First,
we all were on a low-calorie diet,
so I did not have the tummy that I am having now ;)

Second,
the education in math and engineering was exceptional,
and we were able to read books from both USA and Russia,
which is important for cross-cultural creativity.

Remember,
Google success was formed on the top
of a similar form of cross-cultural creativity
(Google founders are an American and a Russian descent).

LESSON #4: EAST EUROPE HAS POTENTIALS THAT YET HAVE TO BE UNCOVERED

When my connection in AT+T BELL LABS
was bringing me to Arno Penzias, a Nobel Laureate,
acting as the VP (VicePresident)
for R+D in those days,
he told me:

Please,
use your HARRRD EAST EURRROPEAN ACCCENT,
SINCE HERRRE WE KNOW,
SUCH ACCCENT COULD BE EXTRRREMEY USEFUL
FORRR OURRR MISSION :)

The closer to East Europe we are,
the less are we aware of its potentials.

LESSON #5: THE MELTING POT MENTALITY IS WINNING THE RACE

In 1990 I came back to Europe to bring the USA innovations back home.

I strongly feel, the melting pot mentality is crucial for innovation.

Ever since, from Belgrade, I lecture periodically at several of the Top 10 US schools, and I am helping innovative businesses in US, Japan, and UK (melting my melting pot experiences and my melting pot genetics).

LESSON #6: CREATIVITY COULD BE TAUGHT AND LEARNED

Now I periodically lecture,
not only at Purdue,
but also at MIT.

There I noticed, at the undergraduate level,
they also have a course that teaches CREATIVITY:
Methodologies on how to improve the God's gift
of creativity in science, engineering, economy, etc...

We need such courses in Europe,
at all universities, URGENTLY!

University of Belgrade,
School of Electrical Engineering,
does offer such a course :)

LESSON #7: PEACE-MAKING TECHNOLOGIES ARE IMPORTANT

These days I am helping a US company rooted at Harvard, which uses the high-tech MindGenomics to bring peace to Middle East.

They connect young people from different ethnic and religious backgrounds, they help them induce business opportunities, and they give them seed money to start joint businesses.

These kids soon become the major peace keeping force of Middle East, simply because war is inconvenient for success in business.

LESSON #8: INSPIRATIONAL ENVIRONMENT IS IMPORTANT

My Japanese friend is working on a Space Elevator,
100K kilometers into space,
or about 1/4 distance to moon :)

He likes to come to Montenegro,
to sip good wine on the coast
of Rothschild's-created Porto Montenegro,
and to think about methods
to deliver the famous Viennese Deserts to space,
using the elevator,
rather than a costly space shuttle,
which could damage the cakes,
as you all know :)

LESSON #9: THINKING OUT OF THE BOX IS CRUCIAL

A company in London UK
is changing the major paradigm of computing,
to create a major ICT export item of EU to US,
for the best benefit
of financial giants,
like JPMorgan and CME (Chicago Mercantile Exchange)
or oilers,
like Chevron and Schlumberger.

Their intercontinental success
is based on thinking out of the box!

Europe needs more thinking out of the box,
especially at schools!!!

LESSON #10: INTER-CULTURAL SYNERGY IS THE KEY

Since I became a member of Academia Europaea,
formed by the British Royal Society,
German Leopoldina,
and the Rijks Bank of Stockholm (keeping the Nobel Prize money),
I created many friendships in Austria,
where I was taught some great Alpine wisdom
about finding inspiration in nature.

It was at the top of a Montenegro mountain,
under a tough summer lightning,
when I, for the first time in my life,
got to understand the essence of the work
of the London SuperComputer company
that is now changing the computing paradigm.

I realized the analogy between lightning and their paradigm:

Lightning moves electrons
and their DataFlow SuperComputer paradigm moves data,
to achieve huge speedups and even higher power savings.

We need power savings even more than speedups. Why?

Imagine what would happen with our planet ecology
if we had to create all the energy
needed by today's supercomputers,
to enable them to crank BRONTO data (10 to the power of 27)
for the best benefit of the World in years ways after 2020 !!!

The point is not how to produce more energy for less money,
but how to spend less energy produced for more money.
So, with this technology,
our sad grey planet could soon become a happy green planet!

IN CONCLUSION!

Wisdom has no social value, and is useless,
unless it is closely connected with the energy
needed to implement it
(needed to make happen what wisdom says should happen).

This implies the existence of mechanisms LIKE THIS CONGRESS,
(COM.SULT is a great source of wisdom and energy),
as well as the existence
of a creative and inspired econo-political leadership.

THANK YOU!

Q#1 : Migration and Potentials for Industry

If someone was able to walk for 1000s of miles, and to make all the money needed for traffickers, that is the best sign of a best genetic quality.

If such a genetic quality is properly educated upon arrival to Europe, then we not only get many new jobs to help maintain the retirement funds of European states, but we get something much more important:

We get Jobs!

How many of you know what was the ethnic origin of Steve Jobs? He was 100% Syrian, adopted by a US family.

Talking about **Potentials for Industry**, the added values created by his brain are higher than those created by millions of natives!

Q#2: Migration and Potentials for Science

In my family
we have a strong awareness
of our Serbian origins,
dating back at least till 1389.

On a past trip of mine to the USA,
I took a 23+ME genetic test,
just for fun.

The result was that I am only 20% Slavic;
I am 20% an Afganistani
and a 20% Syrian!?

This tells me that
the current migration to Europe is neither the first one,
nor the last one.

Had I been a xenophobe,
I would now have a serious personal problem with myself.

But since I am a scientist,
I know that **Potentials for Science**
are the highest when the blood gets mixed!