



Mongolia:
Enhancing Resource
Management through
Institutional Transformation

Knowledge Portal – Our “One-Stop-Shop Repository”

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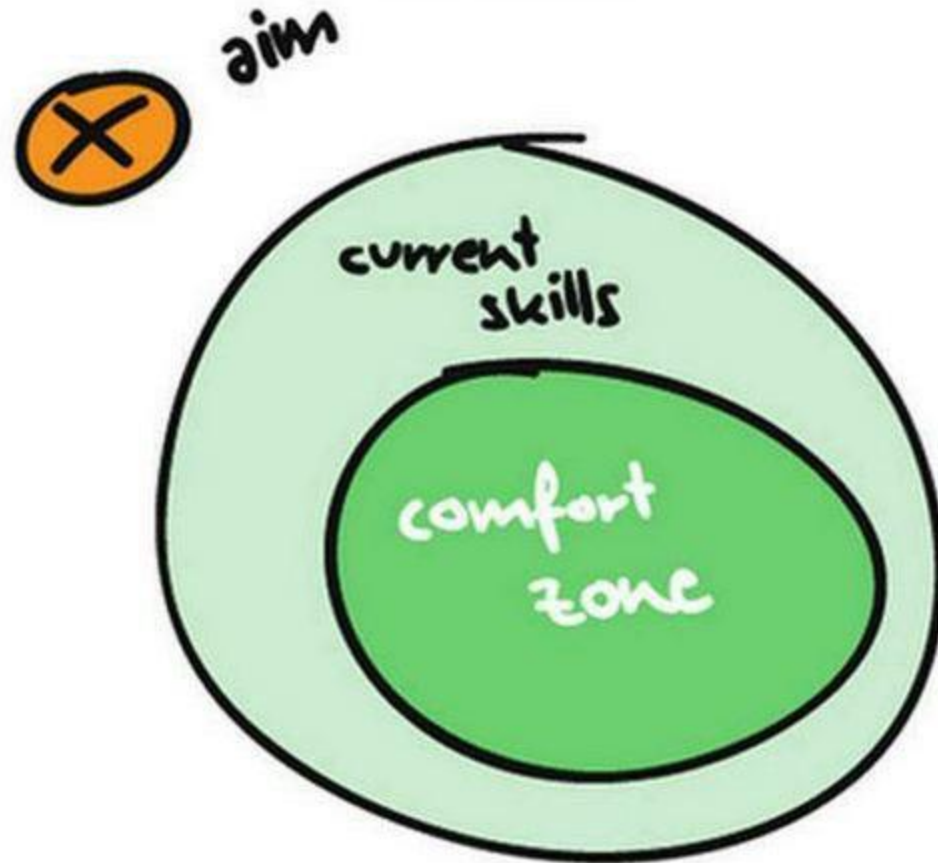


Global Affairs
Canada

Affaires mondiales
Canada

*A Canadian Consulting Engineer
From Project Engineer to President of own firm
Formed a Software Development company
AEC, GIS, applications on AutoCAD, MicroStation CAD
Clients over 50 countries. Software was used to
on HK airport, 3 Gorges dam, island for bridge
Between Denmark and Sweden, also
used on digital cadastral mapping of Alberta
International ICT, GIS consulting over 15 years in
Asia, Americas, Africa*



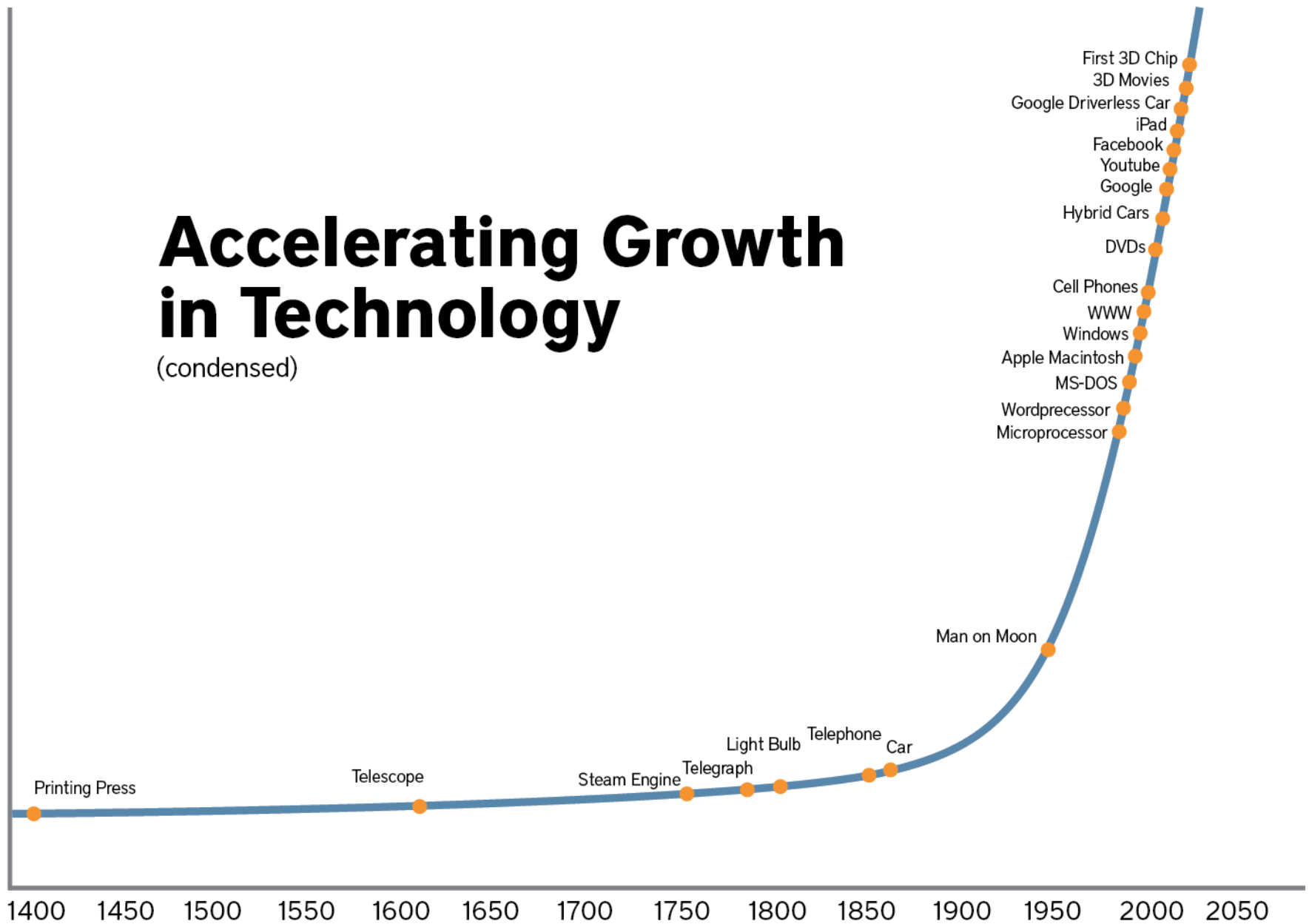


Why do we need a Knowledge Portal?

Because we need to keep up..
no, we need to catch up
with the Global Village!

Accelerating Growth in Technology

(condensed)



1 The accelerating pace of change ...



2 ... and exponential growth in computing power ...

Computer technology, shown here climbing dramatically by powers of 10, is now progressing more each hour than it did in its entire first 90 years

COMPUTER RANKINGS

By calculations per second per \$1,000



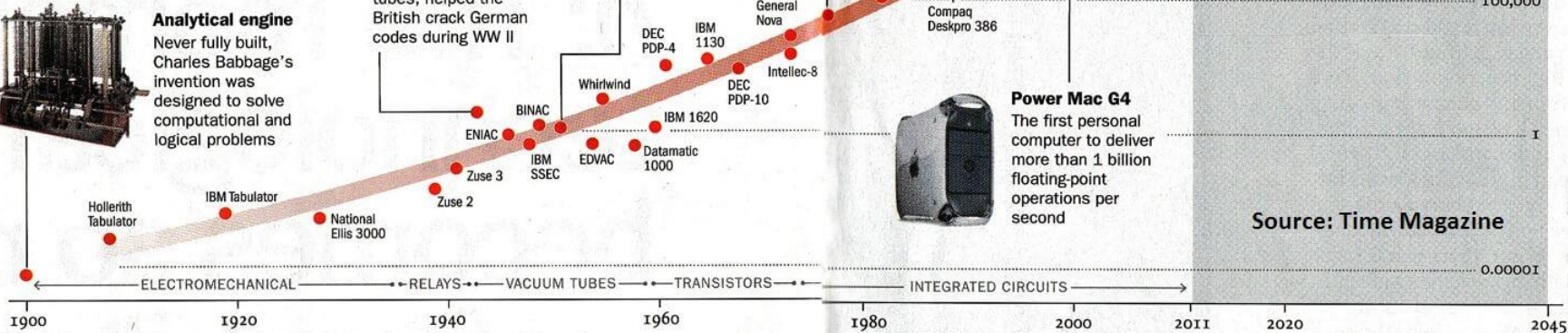
Analytical engine
Never fully built, Charles Babbage's invention was designed to solve computational and logical problems



Colossus
The electronic computer, with 1,500 vacuum tubes, helped the British crack German codes during WW II



UNIVAC I
The first commercially marketed computer, used to tabulate the U.S. Census, occupied 943 cu. ft.



3 ... will lead to the Singularity



Apple II
At a price of \$1,298, the compact machine was one of the first massively popular personal computers



Power Mac G4
The first personal computer to deliver more than 1 billion floating-point operations per second

2045
Surpasses brainpower equivalent to that of all human brains combined

Surpasses brainpower of human in 2023



Surpasses brainpower of mouse in 2015

Source: Time Magazine

Acceleration

We live in an age of accelerating technology. Because of this, we need to accelerate our rate of learning to keep up.

Our only barrier to immortality and infinite bliss is **brain power**

(societal knowledge generation rate)



“Every two days now we create as much information as we did from the dawn of civilization up until 2003”

That’s something like five exabytes of data (10^{18})

Eric Schmidt, Chairman of Google



Interesting... so what to do?

One thing we can do is to create our own Knowledge Portal to assemble all pertinent project information to share with the ministries, aimags, soums and other stakeholders in Mongolia

This portal would include reports, presentations, training videos, podcasts, in **English** and **Mongolian**, and organizing them in our 'Knowledge Portal' website so that all stakeholders can take advantage of it via the Internet

It will be both a **digital repository** and an **eLearning portal** accessible to the ministries, aimags, soums, NGOs and private citizens via the Internet

Our vision is to use this portal as a prototype you can follow to create your own for the dissemination of knowledge to your staff and stakeholders. During this project we will provide the training of trainers to make that happen.



Баярлалаа



Thank you

Questions?

