

The Nation Going E



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INTRO I : who am I

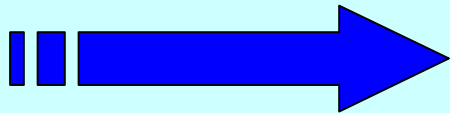
- Born in 1954 in Tartu, Estonia
- Physics, Tartu University, PhD in 1981
- Germany, France, Japan - 1987-1992
- Professor of Optics & Vice-rector, Tartu University
- Minister for Education and Culture, Estonia
- Rector, Tartu University

Promoter of the knowledge and information societies

INTRO II : why I am here

The International Council for Information Technology in Government Administration (ICA) is a non-profit making organization established to promote the information exchange of knowledge, ideas and experiences between Central Government IT Authorities on all aspects of the initiation, development and implementation of computer-based systems in and by Government.

<http://www.ica-it.org/>



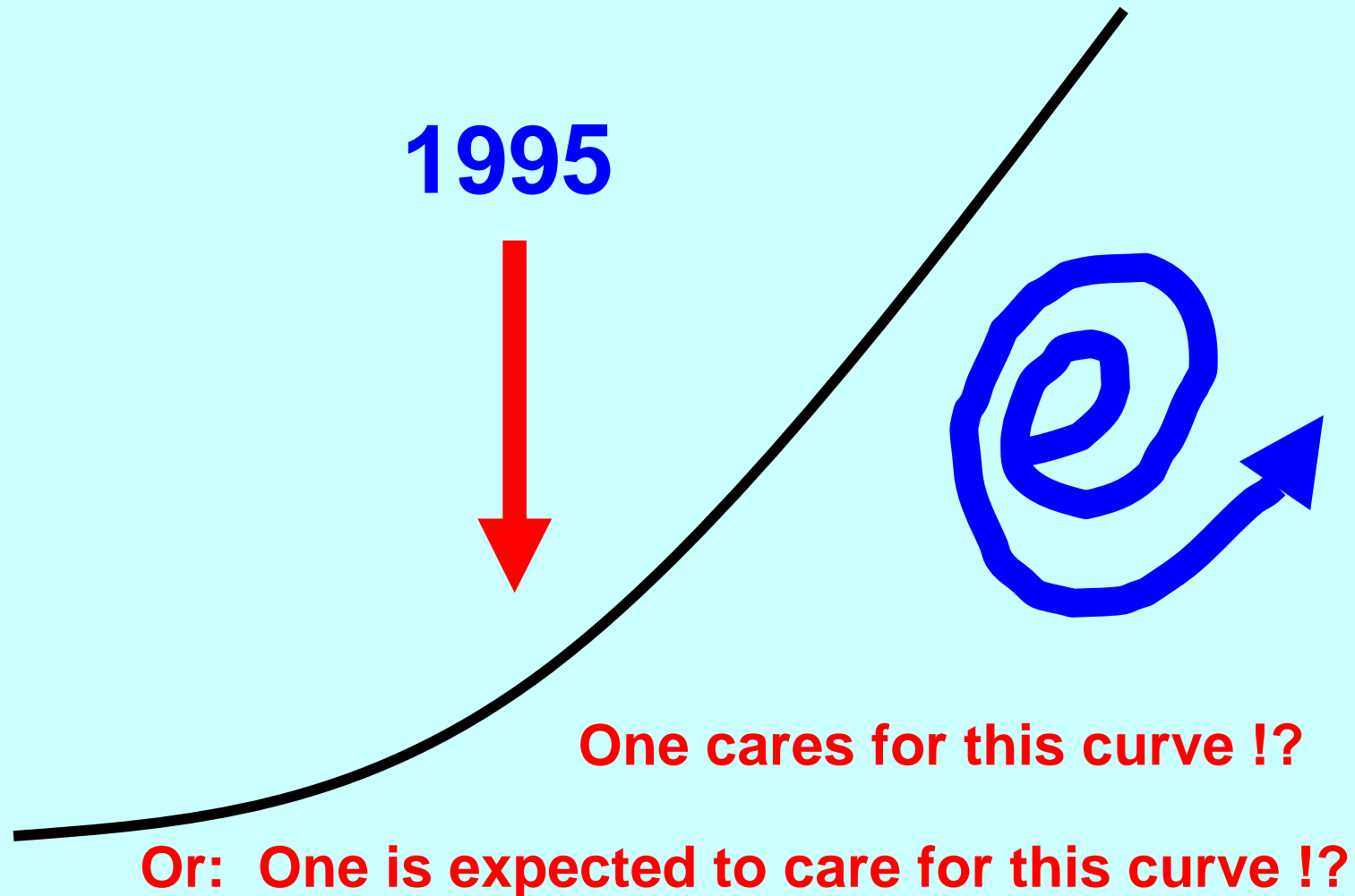
We are brothers in faith !

INTRO III : what is Estonia

- 1.4 million people somewhere far away
- A former Soviet republic
- Capital Tallinn, 400.000 people, 50 miles southwards from Helsinki
- GDP per capita: 5000USD (8500USD PPP)
- Internet penetration rate ~40%
- Mobile telephone penetration rate ~ 60%

Estonia wants to be e-Stonia

INTRO IV : what going E means



The Role of Technology

Printing – Enlightenment

Telephone / Telegraph – Empires

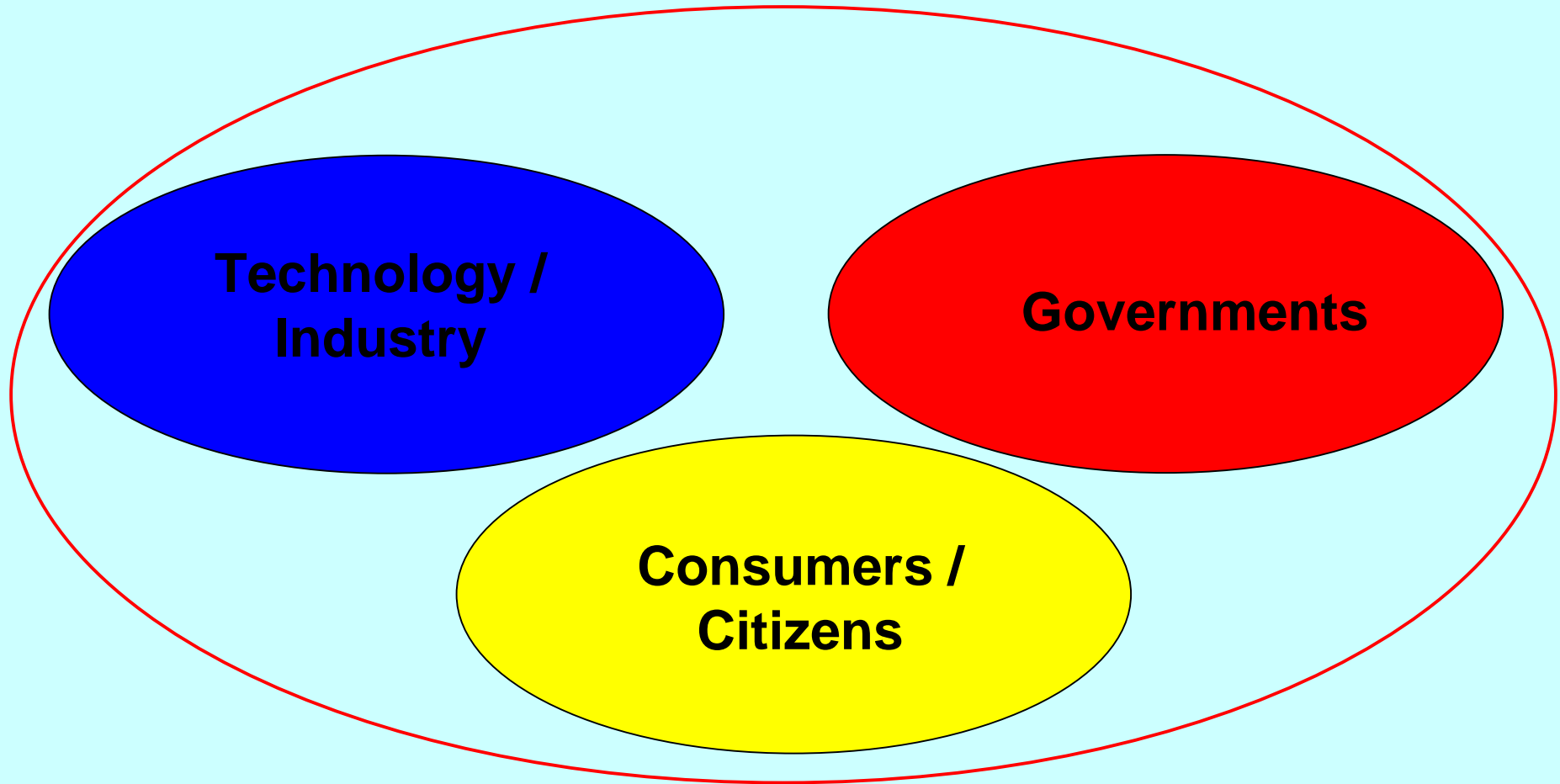
Radio – WW I

Jets / Radar / TV – (Post) WW II

Computer – Cold War

Internet - Globalization

The Triangle



Who leads? Who Pushes? And Why?

Why Governments Push for E

- Global technological competition
- Quality of life of the citizens
- Advancement of democracy
- Education and future competitiveness
- International status
- Follow the trend
- Global economic competition

Why some Succeed

- Industry leads
- Customers pull
- Start from a blank sheet
- There is an ideological need

- The Triangle works in the same direction

Why some Fail

- There is no need
- There is no money
- There is no hurry

Don't worry – in the
end of the day the
sun goes down
everywhere

Who benefits?

- The industry – somewhere in the world
- The customer – there is less time for other non-senses
- The governments – they are on the ranking lists

Threats

- **Economical:**
Trade balance
Widening E-gap
- **Social:**
Consumerism
Widening E-gap

E is eating up Real Communication

- E-mail and SMS
- E-banking and e-PostOffice
- E-shopping

- E-government

E-Solitude

Why then?

There is a slight chance that :

- Some of our values may advance
- Quality education may get momentum
- We can turn information society into knowledge society

Think about Quality of Life
not about
Going E !