

Council Round Table C

Generate Enthusiasm for Creative Future of Chemistry

Registered: 6 participants

Attended: 15 participants

Driving force: curiosity

FROM PESSIMISM TO ENTHUSIASM

MOTIVATION:

Global Challenges

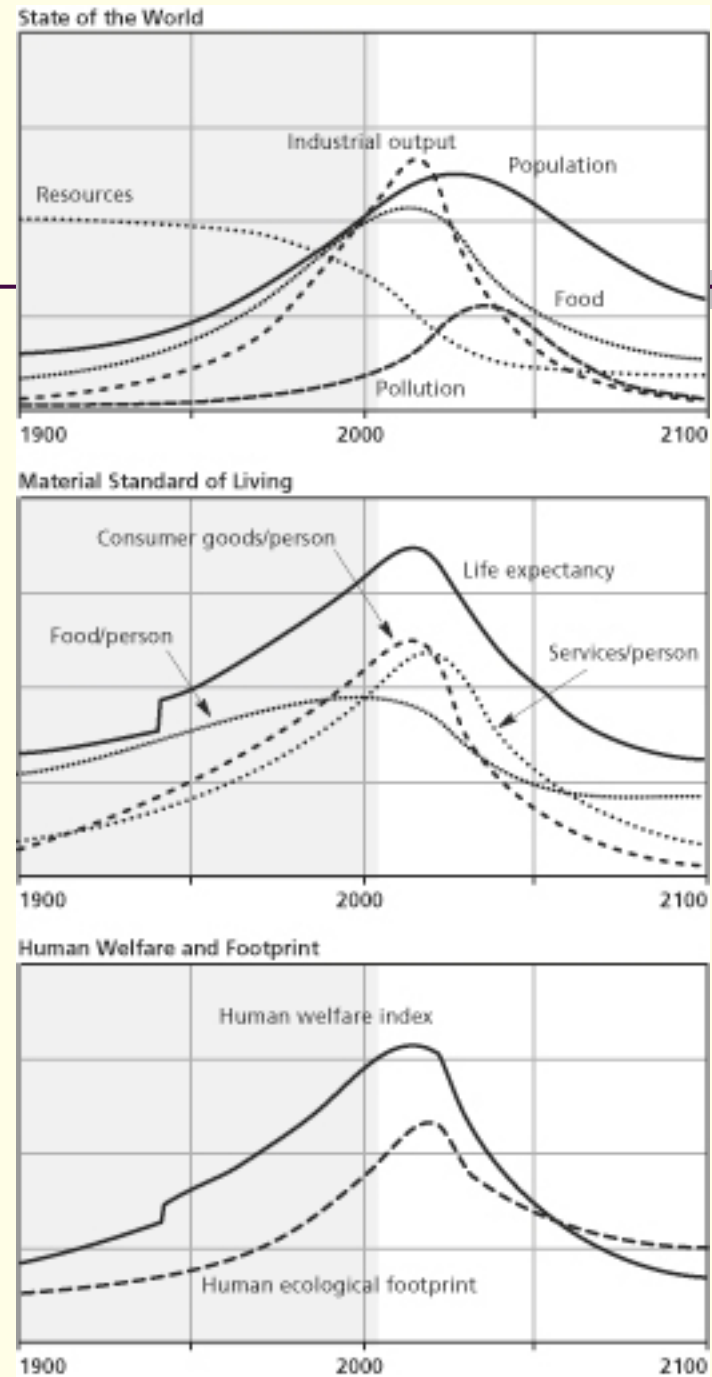
Global Aspirations

15×10^9 years - 365 days
A years - X days

Cosmic Calendar of Carl Sagan

Big Bang	1 Jan., 0 h. 0 min.
Formation of galaxies	10 Jan.
Formation of the Solar system	9 Sept.
Formation of the Earth	14 Sept.
Origin of life on the Earth	25 Sept.
Oxygen discharge to the atmosphere	1 December
Ocean plankton	18 December
Fish	19 December
Dinosaurs	24 December
Mammals	26 December
Birds	27 December
Primates	29 December
Hominids	30 December
HOMO SAPIENCE	31 December, 23.30

Beyond the Limits



What is the goal of sustainable development?

- Meeting the needs of present without compromising the ability of future generations to meet their needs
- Creating a system that is capable of providing goods and services to all people throughout all time in an equitable manner
- Sustainable Development is a process and not an end

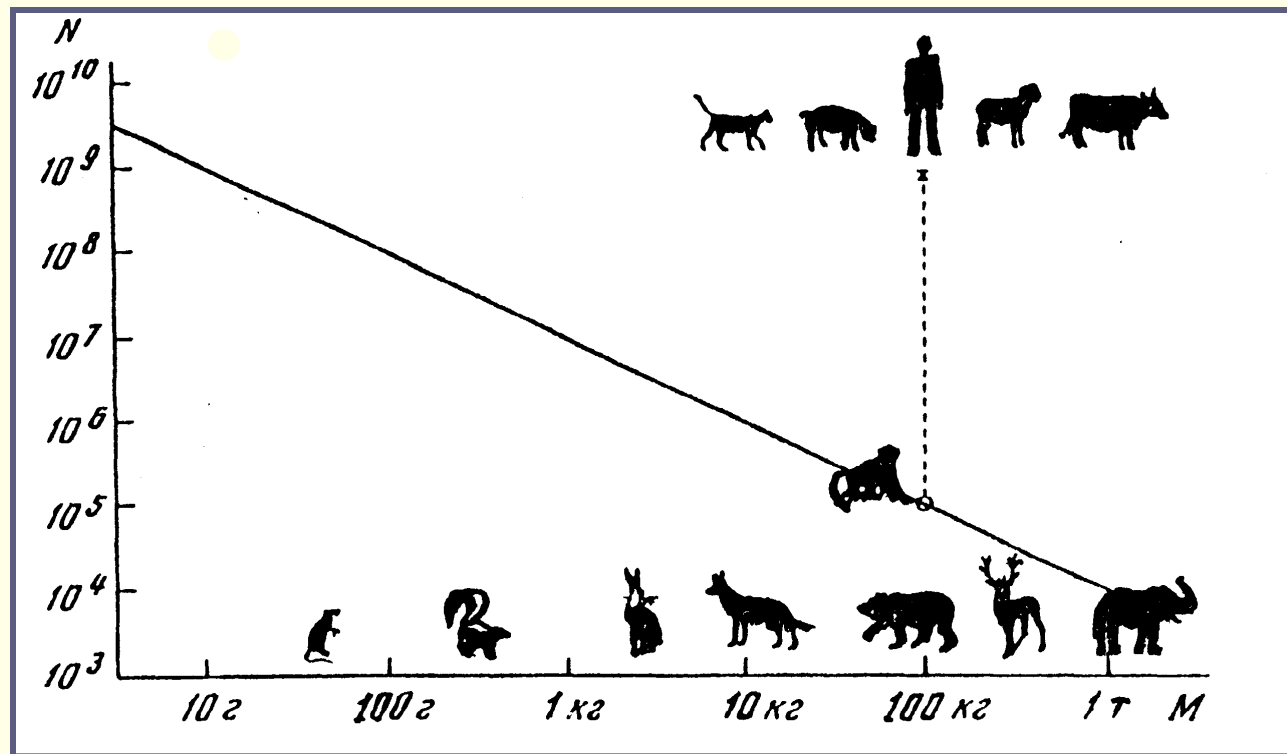
Chemistry-part of the solution

- Millennium Goals – link from IYC site
- Social responsibility of chemists (Green Chemistry, Code of Conduct, days of Open Doors in chemical industry)
- Target groups- leaders and decision-makers, media, young people, chemists (need of appreciation)

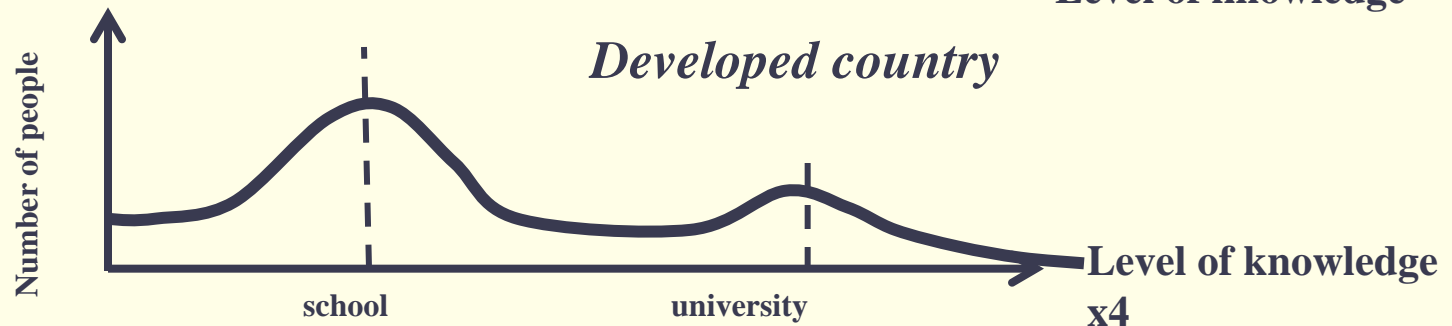
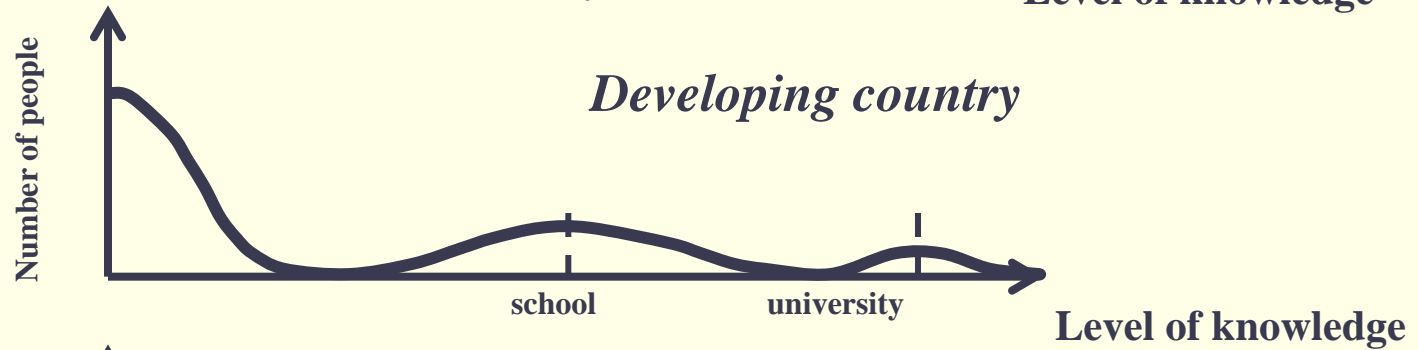
NAOs –the key element

Toolkits (brochures, NAO sites, Google...)

Total Number of Species as a Function of the Unit Mass



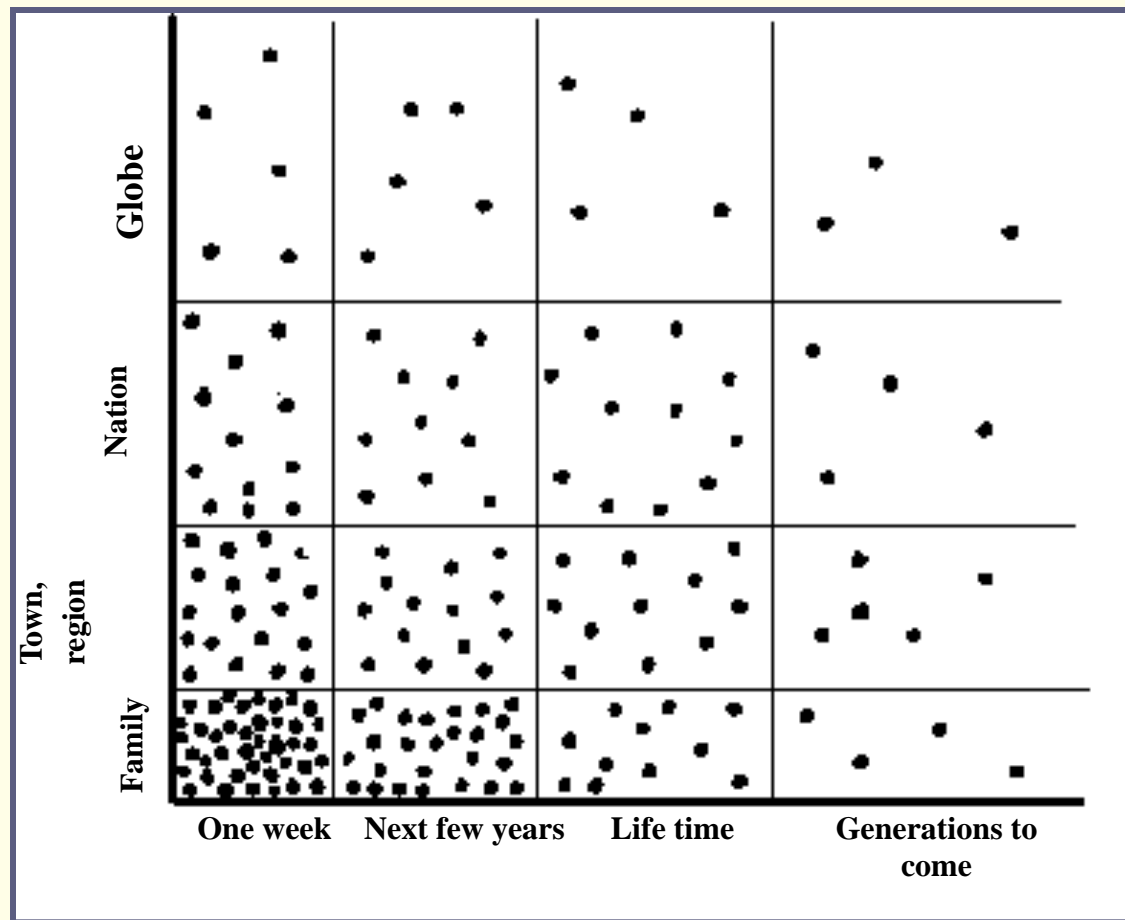
Distribution of Humans According to their Levels of Knowledge



Accent on creativity

- Chemistry-music of life – 7 notes-112 elements (operas, paintings, plays, ...)
- Collection of phrases of Nobel laureates
- Chemistry-science of honesty and nature – language of science
- Innovations – collection of posters (stamps, post-cards)

Human Perspective



Enthusiastic conclusion

- **There are the limits to growth**
- **There are no limits for development**

**Specials thanks to S. Sara Rouhi,
Associate Marketing Manager, Library
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