

ISO

The importance of international ISO standardization for the Rubber Industry

Göran Spetz

Chairman ISO TC 45/SC2

Elastocon AB, Sweden

How did ISO start?

- 1946 25 countries meet in London
- 1947 Feb 23, operations start in Geneva



ISO organisation

157 national members, 97 % of world population

**Collection of 17 228
ISO Standards**

May 2008

**1105 standards
produced in 2007**

186 active TCs
3 000 technical
bodies
50 000 experts

- IT tools
- Standards development procedures
- Consensus building
- Dissemination

Central
Secretariat
in Geneva
153 staff

What is a standard?

- To set up rules
- Create order
- Make selections



A standard tells you how to do something

- How to produce a product
- Choose a term
- Test a material or product



Why are standards needed?

ISO standards:

- make the development, manufacturing and supply of products and services **more efficient, safer and cleaner**
- **facilitate trade** between countries and make it **fairer**
- provide governments with a technical base for **health, safety and environmental legislation**, and conformity assessment



Why are standards needed?

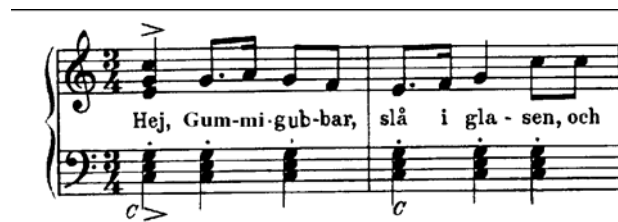
ISO standards:

- **share** technological advances and good management practice
- disseminate **innovation**
- **safeguard consumers**, and users in general, of products and services
- make life simpler by providing **solutions** to common problem

When did standardization begin?

Examples of old standards

- Coins
- Measurements
- Weights
- Road construction
- Building standards
- Write music notes , this standard is still the same since it was created in the Middle Ages



What use are the standards?

- Limiting selection
- Improving quality
- Testing in the same way
- Defining words and terms



Who benefits from the standards?

ISO standards provide technological and economic benefits for:

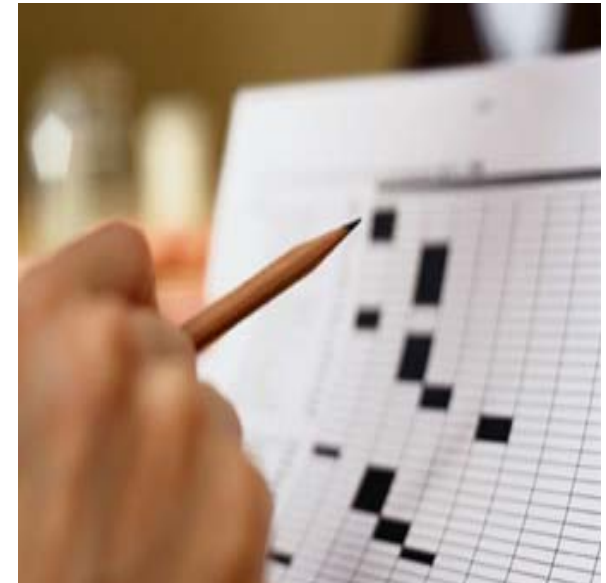
- Customers
- Governments
- Developing countries
- Consumers
- The planet



How is international standardization carried out?

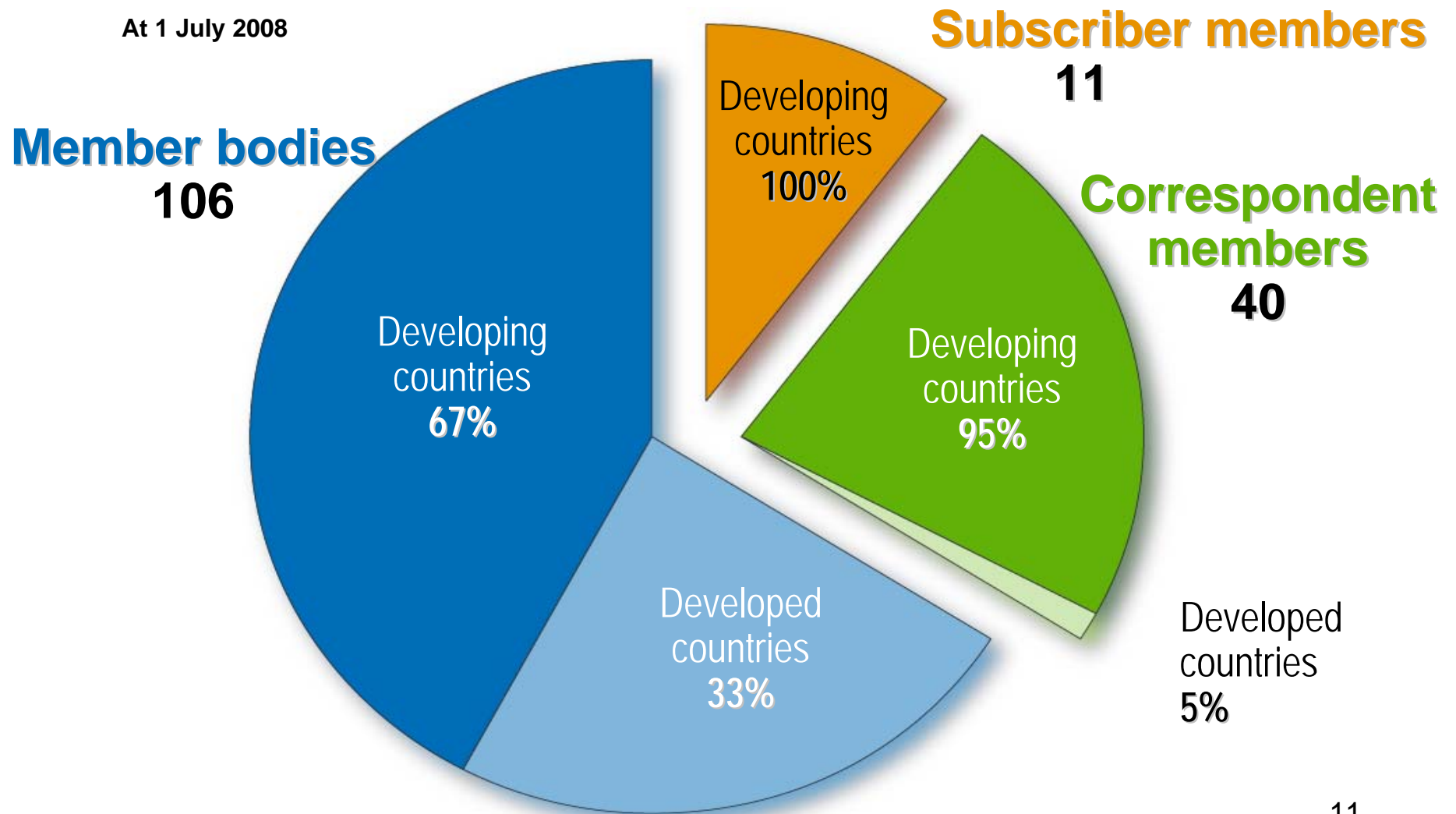
Within ISO:s 157 member countries as:

- **Member body**
full participation and voting rights
- **Correspondent member**
take no active part, but full information
- **Subscriber member**
reduced membership fees

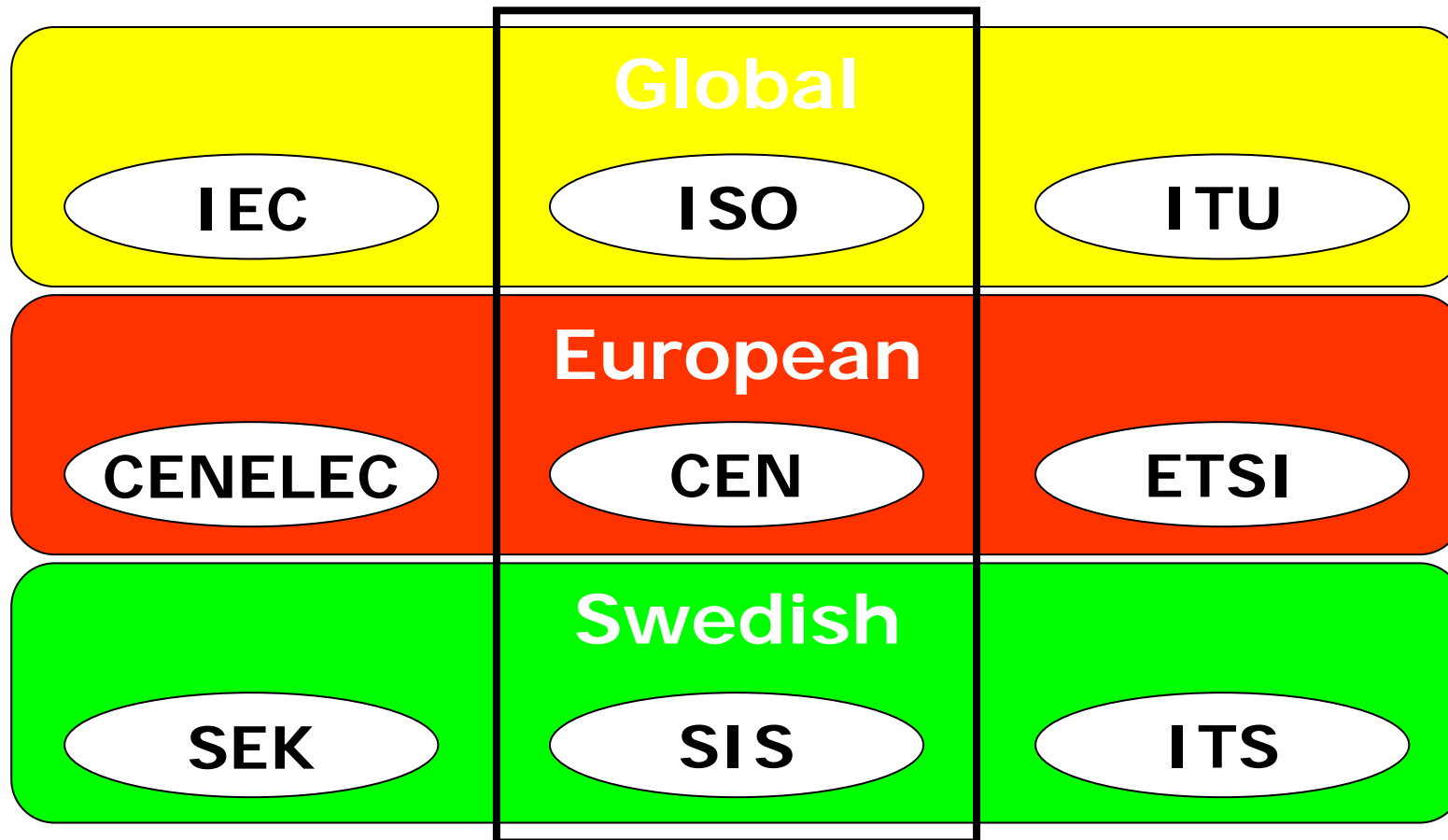


ISO Members

At 1 July 2008



Organisation of the standardization



How is a standard created?

- New Work Item Proposal – NWIP
- Committee Draft – CD
- Draft International Standard, DIS
- Final Draft International Standard, FDIS
- International Standard

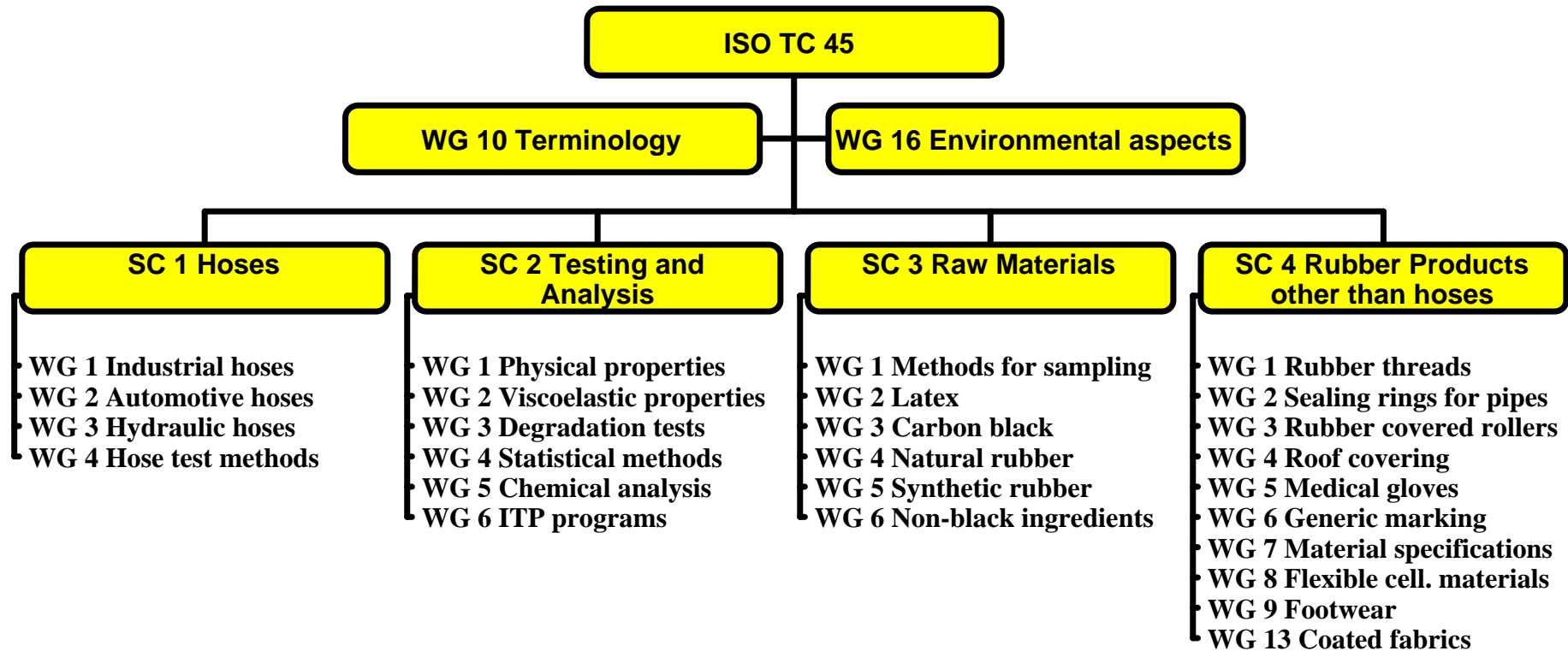


Who pays for all this?

- Industry
- Governments
- Users



How does ISO work with Rubber standardization



Summary

Standards make an enormous and positive contribution to most aspects of our lives.

It is very important that countries and companies participate in our international standardization. When standards are absent, we will soon notice.