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**EUROPEAN COMMITTEE  
FOR THE STUDY  
OF CORROSION  
AND PROTECTION  
OF PIPING SYSTEMS**

Drinking Water, Waste Water, Gas and Oil



## BACKGROUND

Founded in 1956, CEOCOR became an international scientific non-profit association in 1981.

Most of the European countries are members of CEOCOR which brings together specialists from:

- ▶ universities and research centres
- ▶ water, gas and oil distribution and transportation companies
- ▶ waste water collecting and treatment companies
- ▶ pipe producers and manufacturers of coatings and equipment for cathodic protection systems

The international exchanges of experience and technical know-how assure the objectivity and the independence of CEOCOR activities.

## TASKS

- ▶ provide the basis for scientific and technical guidance in the field of corrosion by studies, recommendations and publications
- ▶ contribute to the formulation of European standards

## ORGANISATION

- ▶ topics examined in working groups
- ▶ annual congress hosted by one of the member countries
- ▶ individuals, legal entities, private and public organizations and associations may become members of CEOCOR
- ▶ congress proceedings, practical guidelines, recommendations, scientific articles can be found in the Web site [www.ceocor.lu](http://www.ceocor.lu)
- ▶ the working languages are English, French and German

## FIELDS OF ACTIVITY

### Commission 1

#### Internal corrosion

##### in water and waste water pipe systems

- ▶ materials and their corrosion behaviour
- ▶ interactions of water and waste water with metallic or cement-based materials in supply, collecting, storage and treatment systems
- ▶ selection criteria for the use of ferrous, non-ferrous, cementitious and organic materials
- ▶ rehabilitation techniques for pipe networks
- ▶ water treatments to avoid corrosion and scaling risks
- ▶ permeation and migration of micro-pollutants on plastic pipes

### Commission 2

#### External corrosion and cathodic protection

##### in water, gas and oil pipeline systems

- ▶ cathodic protection
- ▶ corrosion by alternating and direct stray currents
- ▶ electrical interferences
- ▶ selection and evaluation criteria for external coatings
- ▶ remote monitoring and control of cathodic protection systems
- ▶ preparation of technical support for the qualification and certification of personnel responsible for cathodic protection systems

