Announcement of Workshop on "Anticorrosion in sustainable building industry"

GENERAL: The rapidly developing world and economic intensification have caused a massive surge in environmental pollution, energy consumption and carbon emission. Construction plays a significant role in causing ecological problems. Specific attention has to be paid to developing sustainable and green solutions in the design of buildings, structures and their protective systems. Architecture should be environment friendly and resource-efficient throughout the structures' service life, from design to construction, maintenance, repair and final recycling or disposal phase. Green building technology refers to many performance functions like e.g. anti-corrosion, strength and durability.

AIM AND CONTENT: Aim of the workshop is to cultivate interaction between researchers, producers, designers and practicing professionals involved in corrosion problems and anticorrosion protection, finally to provide customers sustainable solutions that meet requirements of "green certification".

TARGET GROUP:

- Organizations that promote sustainability both internationally and at a local level (eg. Members of European ECO-Platform, Polish Green Building Council PLGBC and many other);
- Organizations providing trainings and certifications (eg. LEED Green Building Rating Systems around the world, BREEAM - BRE Environmental Assessment Method etc.);
- Manufacturers of anticorrosion systems interested in expanding the company's business by learning how they can bring sustainable value to own development;
- Designers;
- Contractors;
- Persons looking for an opportunity to develop their skills, wishing to acquire the title of independent sustainable building consultant (when any organizations confirm a training course which will give an overview of sustainability assessment methods).

TO BE DISCUSSED DURING THE WORKSHOP:

- The problem of designing and maintaining anti-corrosion systems in the strategy of sustainable development and environmental protection;
- Ecological education in the steel construction industry;
- European and international standards focusing on environmentally sustainable constructions and protective systems;
- Certification systems used to assess the sustainable design, construction, buildings and products throughout their life cycle;
- LCA (Life cycle assessment) of products: purpose and scope.
- Environmental Product Declarations (EPD) for anticorrosive systems as construction products

We believe it is essential to initiate discussion, especially at a time when painting systems for the protection of steel substrate became the construction products for example in accordance to the Polish Regulation of the Minister of Infrastructure from Nov17, 2016.

Please submit your abstract online via www.eurocorr.org before 16 January 2018.

We are looking forward to your contribution to and participation in EUROCORR 2018

Representative of The Building Research Institute, Warsaw
Workshop chairman

MSc Eng. Arch. Iwona Gajecka
Vice-chairman: – Polish Corrosion Society

Expected duration: 6 – 8 hours