

2022 European Steel Bridge Awards



On 31st May 2022, the Professional Jury has met in the ECCS Offices in Brussels in order to select the winners of the 2022 European Steel Bridge Awards. Among 23 projects received from all over Europe, one winner per category has been elected by the Jury and will be awarded on the 2022 ESBA Ceremony which will take place on 21st September 2022 in Istanbul in the frame of the 10th International Symposium for Steel Bridges for a Green Planet.

More info on www.steelconstruct.com

Professional Jury:

Bernhard Hauke, Chairman ECCS Promotional Management Board

Annamarie Hagoort, Chairwoman ECCS AC4 Architectural Awards

Dennis Rademacher, Chairman ECCS AC3 Bridge Committee

Nesrin Yardimci, President of 10th International Symposium for Steel Bridges and Head of Civil Engineering Dpt, Yeditepe University, Istanbul, Turkey

Ahmet Alataş, Architect and owner of AAW Ahmet Alataş Workshop, Turkey

Tina Vejrum, Vice-President of International Association for Bridge and Structural Engineering (IABSE)

Klaus Thürriedl, President of European Council of Engineers Chambers (ECEC)

Véronique Dehan, ECCS Secretary General (ex officio)

1. Category ROAD AND RAILWAY BRIDGES

Winning Project: 1915 Çanakkale Bridge, Turkey



Credit: ÇOK A.Ş

Owner: General Directorate of Highways (KGM)

Architect: ÇOK A.Ş/ Yapi Merkezi

Engineer: COWI A/S Denmark

General Contractor: DL E&C – LİMAK – SK Ecoplant – YAPI MERKEZİ Joint Venture (DLSY JV)

Steelwork Contractor: Çimtaş, Turkey

Laudation

Connecting Europe with Asia, the 1915 Çanakkale Bridge is the legitimate younger sister of the Golden Gate Bridge and thus a new landmark of the region. The world's largest span suspension bridge and tallest sea crossing has been built on challenging ground conditions to resist high winds and major seismic actions. The innovative mega engineering structure is also architecturally appealing. Built with appropriate high strength steels in comparatively short time the bridge enables save and durable operations. Such kind of high-end structures nourish the fascination for modern steel construction.

2. Category CYCLE AND PEDESTRIAN BRIDGES

Winning Project: Bridge De Lille Langebro, Denmark (submitted by NL)



Credit: SNS

Owner: Realdania By & Byg, Copenhagen, Denmark

Architect: Wilkinson Eyre, London, UK

Engineer: Buro Happold, London, UK

General Contractor: Bouwcombinatie Mobilis/TBI/Hollandia Infra, The Netherlands

Steelwork Contractor: Hollandia Infra, Krimpen a/d IJssel, The Netherlands

Laudation:

The movable bridge across the Copenhagen harbor is a slender and elegant masterpiece of structural and mechanical engineering design and a very sophisticated structural steel work. The mid-span hydraulically moved mechanical moment stiff connection enables the fine impression of lightness over the waters. Such a complex structure of high precision demonstrates the means of structural steel in an adorable way.

3. SPECIAL AWARD: Modular Bridge Award

Winning Project: Erection of 148 Metallic Modular Bridges for Peruvian Government, Peru
(submitted by Portugal)



Credit: Inès Ferraz, BERD

Owner: Ministerio de Transportes y Comunicaciones de Perú

Architect : BERD, S.A.

Engineer : BERD, S.A.

General Contractor : BERD, S.A.

Steelwork Contractor: MIM Mühendislik İnşaat Çelik End. San. Tic. A.Ş., Turkey

Laudation:

The beauty of effective engineering design in terms of fabrication, logistics and erection as well as structural performance is convincing. The results of detailing and optimization, short construction time, reduction of employed material, durability with modern hot dip galvanizing, options of reusability, modular systems, universal application, or affordability are the perfect agenda of engineered sustainable steel construction.