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European Steel Bridge Awards Ceremony 2022

The **European Steel Bridge Awards** (ESBA) are given by the European Convention for Constructional Steelwork (ECCS) every two years to encourage the creative and outstanding use of steel in architecture. The awards are dedicated to the owners, the architects, the engineers, the general contractors and the steelwork contractors.

From the 23 projects submitted in total by the ECCS member associations for ESBA 2022 the international expert jury selected 3 nominees, awarded during the 6th ESBA Ceremony on 21st September 2022 in Istanbul, within the 10th International Symposium on Steel Bridges – for a green planet.

ECCS President Mr Yener GUR'ES

ECCS PMB Chairman, Bernhard HAUKE and Architectural Awards Chairwoman, Annamarie HAGOORT

European Steel Bridge Awards 2022 Laureates

1. Category ROAD AND RAILWAY BRIDGES

Winning Project: 1915 Çanakkale Bridge, Turkey

Credit: ÇOK A.Ş

Project Team with ECCS PMB chairman and ECCS President

Owner: General Directorate of Highways (KGM)
Architect: ÇOK A.Ş., Turkey
Engineer: COWI A/S Denmark
General Contractor: DL E&C – LIMAK – SK Ecoplant – YAPI MERKEZI Joint Venture (DLSY JV)
Steelwork Contractor: Çimtaş, Turkey

Laudatio

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

<u>Winning Project</u>: **Bridge De Lille Langebro, Denmark** (submitted by NL)

Credit: SNS

Bernhard HAUKE, ECCS, Nardo HOOGENDIJK, Hollandia Infra

Owner: Realdania By & Byg, Kopenhagen, 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

<u>Laudatio:</u>

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

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

Credit: Inès Ferraz, BERD

<u>Bernhard HAUKE,ECCS, Inês FERRAZ, BERD,</u>
<u>Ahmet YUSUN, Annamarie HAAGOORT, ECCS</u>

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 Inşaat Çelik End. San. Tic. A.Ş., Turkey

<u>Laudatio:</u>

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.

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Information about the European Steel Bridge Awards: www.steelconstruct.com/awards/