



## European Steel Design Awards 2021

The **European Steel Design Awards (ESDA)** 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 ESDA 2021 the international expert jury selected 13 nominees, one per country. The overall winner ESDA 2021 Laureate and a ESDA 2021 Special Bridge Award were then chosen out of those nominees and announced during a reception on 1 October 2021 in Brussels, in the Atomium. Further, by public voting via Facebook the ESDA 2021, Public Award was determined.



Figure 1 ECCS European Steel Design Award reception 1 October 2021 in the Atomium in Brussels. From the left: Gunnar Nass, Link Arkitekt; Gerhard and Doris Setzpfandt, Setzpfandt Ingenieure; Tristan Wolvekamp, BAM Infraconsult/SBE Engineering; John Regtop, BAM Infra; Annamarie Hagoort, Samenwerkende Nederlandse Staalbouw; Ronald Rozemeijer, BAM Infra; Bernhard Hauke, ECCS PMB chairperson; Veronique Dehan, ECCS secretary general; Gerhard Nijenhuis, ipv Delft; Bjorn Allan Hall, Peab; Bente Westad, Link Arkitekt; Ghislain van Tieghem, Victor Buyck; Stian Johansen, Multiconsult Norge; Kjetil Myhre, Norsk Stalforbund

Photo: ECCS / Nathan De Sutter

## **European Steel Design Award 2021 Laureate**

### **Hurtigruten Museum: Protective building for MS Finnmarken, Stokmarknes, NO**

*The steel and glass construction fully encases the historic liner MS Finnmarken and thus becomes the striking centre piece of the Hurtigruten Museum. Such a transparent and filigree shelter for a large ship is the result of contemporary means of advanced structural design and high-end steel construction. The very thin envelope allows an exciting look and provides the perfect showcase for the aged vessel. This structural shell without wind bracings in the glass façade or internal supports pushes the boundaries of the possible further to the sky.*



Owner:

Vernebygg AS

Engineer:

Multiconsult Norge AS

Architect:

LINK Arkitektur AS

General Contractor:

Peab – Bjørn Bygg

Steelwork contractor:

Imtas Prosjekt AS

Figure 2 European Steel Design Award 2021 Laureate: Hurtigruten Museum - Protective building for MS Finnmarken, Stokmarknes; Photo: Norsk Stålforbund / Kjetil Myhre



Figure 3 European Steel Design Award 2021 Laureate 1 October 2021 in the Atomium in Brussels. From the left: , from the left: Bernhard Hauke, ECCS PMB chairperson; Gunnar Nass and Bente Westad, Link Arkitekt; Stian Johansen, Multiconsult Norge; Bjorn Allan Hall, Peab.

Photo: ECCS / Nathan De Sutter

For more information see also: [www.ernst-und-sohn.de/en/european-steel-design-awards-2021-norway](http://www.ernst-und-sohn.de/en/european-steel-design-awards-2021-norway)

## ESDA 2021 Special Bridge Award

### **Schuttebusbrug, Zwolle, NL**

*The finesse of this edgy steel bridge is captivating. The new traffic mark adds with an elegant S-shape, shiny metallic painting of the main beam and classy bamboo cladding of the deck a playful aspect to an otherwise busy urban space. What looks so wavy elegant and light requires extraordinary engineering skills to design for torsional strains and to build for heavy traffic loads above the rail tracks.*



Figure 4: ESDA 2021 Special Bridge Award: Schuttebusbrug, Zwolle  
Photo: ipv Delft / Henk Snaterse

Owner:

Zwolle Municipality

Engineer:

BAM Infraconsult

Setzpfand Beratende  
Ingenieure

Architect:

ipv Delft

General Contractor:

BAM Infra

Steelwork contractor:

Victor Buyck Steel  
Construction



Figure 5: ESDA 2021 Special Bridge Award, from the left: Bernhard Hauke, ECCS PMB chairperson; Gerhard Setzpfandt, Setzpfandt Ingenieure; Ghislain van Tieghem, Victor Buyck; John Regtop, BAM Infra; Tristan Wolvekamp, BAM Infraconsult/SBE Engineering; Gerhard Nijenhuis, ipv Delft;  
Photo: ECCS / Nathan De Sutter

For more information see also: [www.ernst-und-sohn.de/en/european-steel-design-awards-2021-The-Netherlands](http://www.ernst-und-sohn.de/en/european-steel-design-awards-2021-The-Netherlands)

**ESDA 2021 Public Award:**

**Camp Adventure Forest Tower, Rønne, DK**

*The beautiful tower enables exiting experiences tone in tone with nature. Its mathematical hyperbolic shape, optimised by parametric design, employs eco-friendly weathering steel tubes of appropriate trunk dimensions. What a natural and lovely combination of steel and timber.*



Figure 6 ESDA 2021 Public Award: Camp Adventure Forest Tower, Rønne;  
Photo: Camp Adventure, EFFEKT Architects and COAST Studio

Owner:

Camp Adventure

Engineer:

Arup

Architect:

EFFEKT

General Contractor:

Levi Jensen

Steelwork contractor:

JVP STEEL POLAND Sp z o.o,

For more information see also: [www.ernst-und-sohn.de/en/european-steel-design-awards-2021-denmark](http://www.ernst-und-sohn.de/en/european-steel-design-awards-2021-denmark)



### Further nominees of the European Steel Design Award 2021:

- KTM Motohall, Mattighofen | AT
- IMEC Parking Building, Leuven | BE
- Dragons – the largest jewel and lighting, Saipan | CZ
- Kuusijärvi Bridge, Vantaa | FI
- Passerelle Coty, Puteaux | FR
- Elbbrücken Train Stations, Hamburg | DE
- Geneva International Airport – East wing | PT
- Bridge over Vanan, Kristinehamn | SE
- Italian Bridge over the River Plessur, Chur | CH
- Canakkale Antenna Tower, Canakkale | TR

### International expert jury:

- Bernhard HAUKE, DE, chairperson ECCS Promotional Management Board, jury chair
- Annamarie HAGOORT, NL, chairperson ECCS AC4 Architectural Awards Committee
- Christine LENOUY, FR, Secretary General Le Syndicat de la Construction Métallique de France
- Jacques FERRIER, FR, Architect, Ferrier Marchetti Studio, Paris
- Mitsu EDWARDS, FR, Engineer, Eckersley O'Callaghan design office, Paris
- Aris CHATZIDAKIS, GR, President of the European Council for Civil Engineers
- Véronique DEHAN, BE, ECCS Secretary General

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Information about the European Steel Design Award: [www.steelconstruct.com/awards/steel-design-awards/](http://www.steelconstruct.com/awards/steel-design-awards/)

More Information about the projects: [www.ernst-und-sohn.de/en/european-steel-design-awards-2021](http://www.ernst-und-sohn.de/en/european-steel-design-awards-2021)

**ECCS** is the European Association of Steelwork Contractors, the unique platform gathering steel producers, contractors, researchers and academics. ECCS is a federation of 18 national associations of steelwork contractors.