REPORT ON ORGANIZATIONAL ACTIVITIES

2025

CBCA

CBCA

MANAGER:

INSTITUTO AÇO BRASIL

MESSAGE FROM THE CHIEF EXECUTIVE OFFICER

PROMOTING STEEL CONSTRUCTION IN BRAZIL

The Brazilian Center of Steel Construction (CBCA) advanced, in 2025, in its objective of promoting the industrialized steel construction sector in Brazil. Our initiatives remained focused on training professionals and students, strengthening the sector, and disseminating knowledge. These efforts were instrumental in increasing the level of adoption of steel construction systems nationwide, as well as in advancing their technological development.

Over the past year, we maintained the organization's traditional initiatives and made progress on projects such as our Teacher Training Program and our Steel Construction Hackathon, both launched in 2023. Held in Fortaleza, the program brought together 18 professors from 15 different universities across the Northeast and North regions. Its purpose was to enhance the training of faculty members teaching steel structures, and subsequently, to positively impact the education of their students. In turn, the Hackathon further expanded its reach in 2025, engaging more than 450 students from the Anima Education Network. The theme "Steel-Structured Bus Shelter" connected young talent with the world of industrialized steel construction.

The CBCA worked on updating the manual "Steel Construction – Easy Use – ABNT NBR 8800", monitored several Technical Standards Study Committees focused on industrialized steel construction, and actively participated in key forums such as the "Build Brazil Project," led by the Ministry of Development, Industry and Foreign Trade. This initiative aims to increase productivity and competitiveness in Brazil's construction industry through the development of a nationwide training program focused on industrialized construction methods.

Our Roadshows, held in São Paulo, Porto Alegre, São Luís, and Brasília, addressed the sustainability and climate resilience of steel construction. The events attracted more than 300 participants and strengthened partnerships with local organizations and universities. A highlight of the 2025 edition was the participation of the Municipal Departments of Environment and Climate Change in all host cities, an important new development for the year. These events have been instrumental in promoting best practices and demonstrating the benefits of steel use within Brazil's construction industry.

ADDITIONAL INITIATIVES TO EXPAND STEEL CONSTRUCTION SYSTEMS IN THE COUNTRY

We recognize that steel construction still has significant room for growth. To achieve this, it is essential to intensify efforts to demonstrate to the market that the industrialization of construction is the path forward. The competitive advantages of steel structures are clear, from reduced project timelines and lower material waste to improved waste management and greater predictability and efficiency in project management.

Our work within the academic community also progressed, with even more interactive online courses delivered in 2025, training 180 students and further promoting the dissemination of best practices. In addition, the Engineering and Architecture Student Contests remain a highly successful initiative, providing tangible learning opportunities for the next generation, with a total of 377 participants. The Engineering contest recorded the highest number of registrations in its history over the past year.

The promotion of steel construction was also a key highlight of the CBCA's activities in 2025, supported by a strong presence on social media and in the press. Over the past year, we recorded more than 304 thousand visits to the organization's website and over 6 thousand views of *Arquitetura & Aço* magazine editions. Across our social media platforms, we closed the year with nearly 43 thousand followers and approximately 12 million views across all of our content. In the press, there were almost 350 articles published. This consistent presence across all these fronts reinforces our commitment to making steel construction an increasingly recognized and widely adopted solution

COMMITTED SINCE 2002 TO THE ADVANCEMENT OF STEEL CONSTRUCTION IN BRAZIL

The CBCA, which also renewed its focus on reviewing the Technical Booklets for Steel Structure Assemblies within SINAPI to ensure a broader and more comprehensive treatment of steel structures, will continue to act strategically in 2026. The organization will further strengthen its engagement with companies, industry associations, and professionals to consolidate the role of steel construction in Brazil. The future of the country's construction industry will be industrialized, and steel construction must be recognized as the leading force driving this transformation.

Miguel Homes

Chief Executive Officer

PROMOTE AND EXPAND THE PARTICIPATION OF **STEEL CONSTRUCTION** WITHIN DOMESTIC MARKETS, IMPLEMENTING **INITIATIVES AIMED AT THE DISSEMINATION OF INFORMATION AND OFFERING** SUPPORT FOR **TECHNOLOGICAL DEVELOPMENT**.

SUMMARY

CONSORTIUM MEMBERS

MANAGEMENT

ArcelorMittal Tubarão

Gerdau Açominas S.A

Usiminas

COLLABORATORS

Aperam

ArcelorMittal Aços Longos

ArcelorMittal Sul Fluminense

Gerdau Aços Longos S.A.

Vallourec Tubos do Brasil S.A.

COMPANIES

Blat Estruturas Metálicas

Barbieri do Brasil Ind. E Com. Center

Steel Eng. Light Steel Framing

Comercial Gerdau de Aços S/A

FISCHER Brasil Industria e Comercio

Grupo Pizzinatto

Perfinaço Industria e Comercio S/A

Soluções Usiminas

STEEL F DESIGN

Tomazelli Estruturas Metálicas

Trimble Brasil Soluções Ltda.

Tuper S/A

New members

MANAGEMENT

Chief Executive Officer

Miguel Homes

Management Committee

ArcelorMittal Tubarão	Eduardo Fares Zanotti / Alexandre Kalil
Gerdau	Cesar O. R. Peres / Carlos Eduardo Vieira da Silva
Usiminas	Miguel Homes
Aço Brasil / CBCA	Alberto Cotrim

Executive Committee

ArcelorMittal Tubarão	Rogério Barbosa / Erika Ribeiro
Gerdau	Rosane Bevilaqua / Marcos Pereira
Usiminas	Humberto Bellei / Carlos Carvalhido
CBCA	Rafael Silva

Executive Management

Superintendent	Alberto Cotrim
Executive Manager	Rafael Silva
Marketing and Training Coordinator	Ricardo Werneck
Technical Advisor	Isadora Arêas

INNOVATION

Online course
Wind loads on steel structures

CBCA Manual Update
Easy Use
ABNT NBR 8800:2024

Standard
Steel Profiles for Drywall Construction Systems

FOR PROMOTION

INITIATIVES FOR PROMOTION AND PUBLICATION

SITE CBCA

304.712
VISITS / YEAR
DESKTOP: *70,3%*
MOBILE: *26,4%*
TABLET: *3.3%*

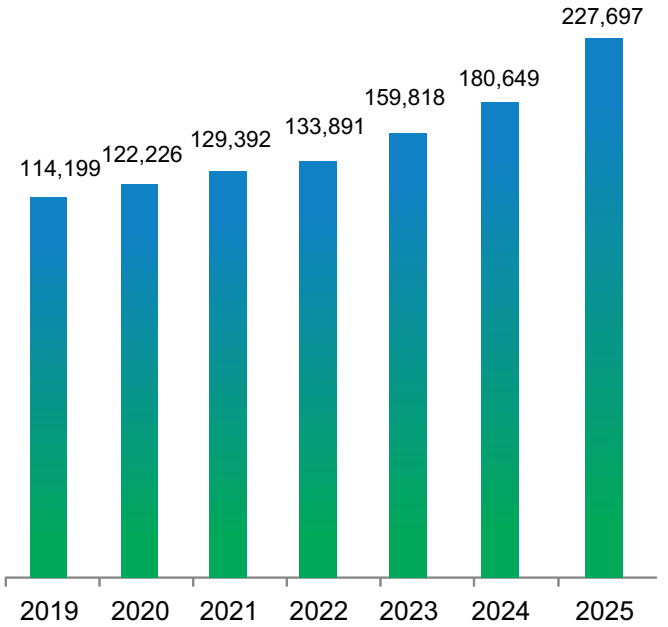
47.048
NEW REGISTRATIONS

70,7%
ENGAGEMENT RATE

47.048
NEW SITE VISITORS
(*) Site measurements are based on Google Analytics

33.216
TOTAL PAGE VIEWS
AVERAGE SESSION DURATION: 1:24s

SITE REGISTRATIONS



NUMBERS FOR ENGLISH LANGUAGE SITE

New users: 212
Page views: 265
Average session duration: 0:21s

LANGUAGES

PT-BR: 94.18%
EN-US: 2.73%
PT-PT: 0.61%
OTHER: 2.48%

INITIATIVES FOR PROMOTION AND PUBLICATION

SITE VISITS | SITE MAP

304,712
2025
Record: 25,916 (MAY)
836 / day

217,494
2024
Record: 21,448 (OCT)
762 / day

311,641
2023
Record: 25,970 (MAY)
865.7 / day

301,458
2022
Record: 32,900 (APR)
1,096.7 / day

- **TRAINING**
  - ONLINE COURSES
  - LIVE COURSES
  - TRAINING COURSE
  - CONTESTS
  - ROADSHOWS
  - WEBINARS VIDEO
  - WORKSHOPS
  - HACKATHONS
  - SCHOLARSHIPS
- **INSTITUTIONAL**
  - CBCA
  - PARTNER ENTITIES
  - REPORT ON CONSORTIUM ACTIVITIES
- **LIBRARY**
- **A&S MAGAZINES**
- **NEWS**
- **AGENDA**
- **CBCA BENEFITS**
- **CONTACT US**

INITIATIVES FOR PROMOTION AND PUBLICATION

CONSTRUCTION BANK

875
NEW USERS

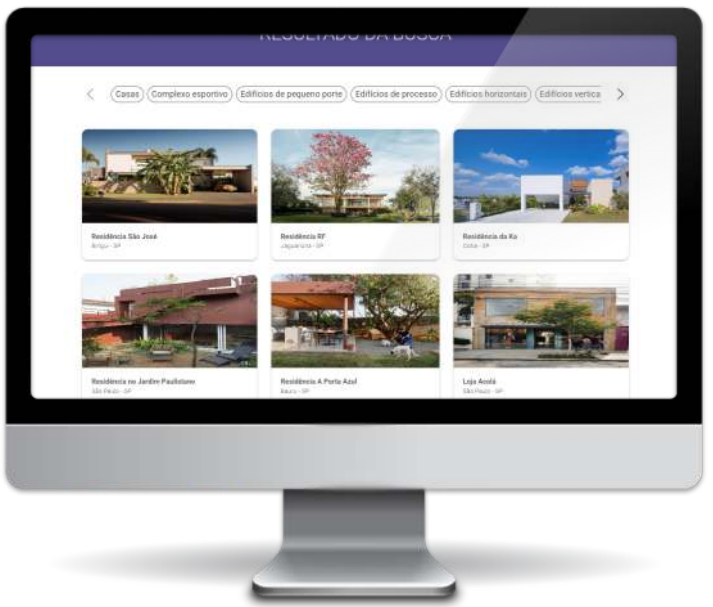
22.344
VISITS

144
NEW REGISTERED WORKS

9.028
PROFESSIONALS
(ARCHITECTS AND ENGINEERS)

8.364
PAGE VIEWS

02:03s
AVERAGE SESSION DURATION



Integration into Guidelines for Brazilian Steel Construction through means of a link provided to suppliers registered under works.

Steel construction is becoming increasingly prevalent in Brazil.

In order to catalog and assemble data on steel works in Brazil, the CBCA has created the Construction Bank - a system used to index works by type, categories of use, designers, and manufacturers of structures.

The Construction Bank aims to highlight the production chain for steel construction in addition to serving as a bank for ideas and construction processes.

> Building type
> Category of use
> Architecture
> Structural engineering
> Manufacturers of structures

The Construction Bank is available as part of a responsive web design for Smartphone and Tablet (IOS and Android)

INITIATIVES FOR PROMOTION AND PUBLICATION

ARCHITECTURE & STEEL MAGAZINE | PUBLICATIONS

ISSUE No. 70

ISSUE No. 71

ISSUE No. 72

98.173
TOTAL USERS

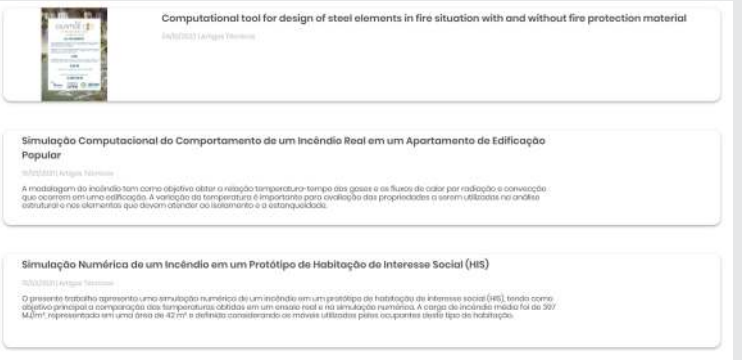
3.056
NEW USERS

263
SEPTEMBER - MONTH WITH HIGHEST NUMBER OF ACCESSES

6.162
PAGE VIEWS

22.700
VIA GOOGLE ADS

229
VIEWS RECEIVED BY ARTICLES AND TECHNICAL ANNOTATIONS



MOST ACCESSED ARTICLE

SEDE BRAZILGLASS - ISSUE 71

INITIATIVES FOR PROMOTION AND PUBLICATION

GUIDELINES FOR STEEL CONSTRUCTION

Released in September/19, this application seeks to offer guidance to investors, builders, architects, engineers, manufacturers, assemblers, and final customers with regards to best practices in steel construction, offering minimum recommended criteria, from the design stage to project execution, manufacture, transport and assembly of structures and interfaces.

Through means of an interactive and self-instructive checklist, professionals are able to access each of the available tabs (Management, Architecture, Structure, Manufacturing, Logistics and Assembly and Passive Protection), in order to better understand which actions must be taken to ensure that their project is executed at a high level of excellence.

The practices recommended under these Guidelines are intended to offer orientations, and those responsible for projects must define which strategies will be applied in each specific project context.

01:29s
AVERAGE TIME SPENT NAVIGATING PAGE

754
PAGE VIEWS

ANDROID
92
TOTAL INSTALLATIONS COMPLETED

IOS
43
TOTAL INSTALLATIONS COMPLETED

383
INSTALLATIONS ONTO ACTIVE DEVICES

INITIATIVES FOR PROMOTION AND PUBLICATION

MEDIA

CBCA NEWS

Created in 2010 and issued on a weekly basis.

7.336
VIEWS

PRESS

In 2025, 53 different press initiatives were implemented, such as releases, annotations, and articles, with almost 350 articles included in printed newspapers, magazines and online portals throughout the country. Advertising value equivalency totaled about R$ 1,400,000.00. This amount is calculated based on the press vehicle's relevance, number of hits received by the site, newspaper circulation and content space. Featured newspapers: G1, Record TV, Revista Techne, Casa e Jardim and UOL.

53
RELEASES

350
MATERIALS PUBLISHED

R$ 1.400.000,00
ADVERTISING VALUE EQUIVALENCY

INITIATIVES FOR PROMOTION AND PUBLICATION

SOCIAL MEDIA

BIG NUMBERS

+3%

42.0
thousand
FOLLOWERS

+65%

34.6
million
IMPRESSIONS

+119%

16.6
million
REACH

+2,828%

12.7
million
VIEWS

INITIATIVES FOR PROMOTION AND PUBLICATION

SOCIAL MEDIA

BEST PERFORMANCE

LINKEDIN

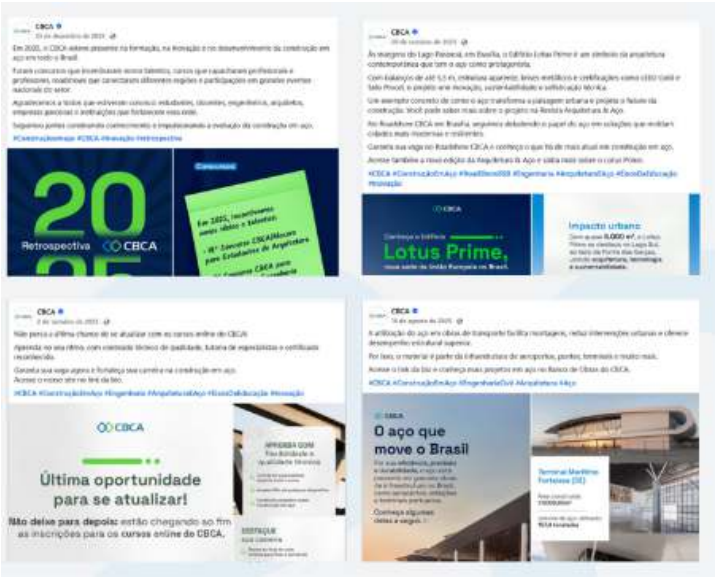
INSTAGRAM

INITIATIVES FOR PROMOTION AND PUBLICATION

SOCIAL MEDIA

BEST PERFORMANCE

FACEBOOK



YOUTUBE

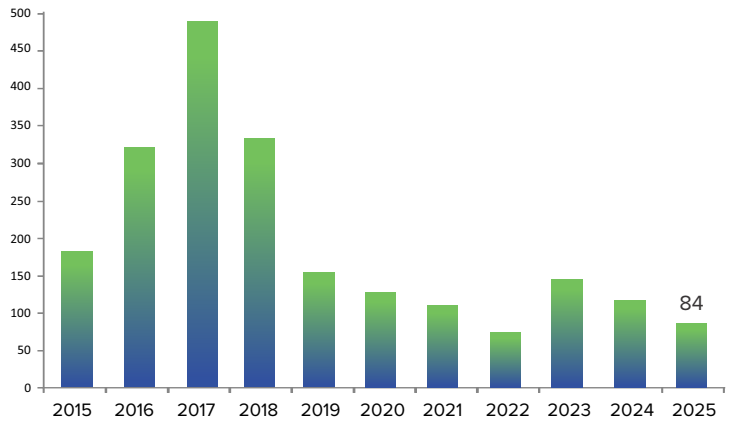
INITIATIVES FOR PROMOTION AND PUBLICATION

CONTEST FOR ARCHITECTURE STUDENTS

Theme: Life on Land

Em 2025 foram inscritas 84 equipes, representando 13 estados brasileiros (AL, AM, BA, CE, DF, MG, PE, PR, RJ, RN, RS, SC e SP) e 47 faculdades de Arquitetura. Dos 41 trabalhos recebidos, houve uma avaliação, sendo 17 selecionados para avaliação final.

DEVELOPMENT OF PARTICIPATION IN CONTESTS



Winners

1st Place
University of Ribeirão Preto - UNAERP

2nd place
Federal University of Paraná

3rd Place
University Center of Fine Arts of São Paulo

Honorable Mention I
Federal University of Rio Grande do Norte

Honorable Mention II
Mackenzie Presbyterian University

18 Concurso CBCA/ALACERO para estudantes de ARQUITETURA Estruturas em AÇO 2025

72,907
VISITS DURING THE YEAR

63.7%
ENGAGEMENT RATE

23,808
VIEWS

84
TEAMS REGISTERED

5,205
NEW USERS

INITIATIVES FOR PROMOTION AND PUBLICATION

CONTEST FOR ENGINEERING STUDENTS

Theme: Flat Steel Trusses for Roofing Systems

In 2025, 37 teams were registered, representing 20 universities across 10 different states and encompassing all regions of Brazil. Of the 21 submissions received, an evaluation was conducted, and 3 were selected to advance to the second phase of the contest. In the practical phase, with the support of the Mola Structural Kit, each team had the opportunity to present and defend its projects before the judging panel.

26.050
VISITS DURING THE YEAR

9.807
VIEWS

01:40s
AVERAGE SESSION DURATION

37
RECORD NUMBER OF TEAMS REGISTERED

63,7%
ENGAGEMENT RATE

1.594
NEW USERS

Winners

Concurso CBCA para Estudantes de 7ª ENGENHARIA 2025

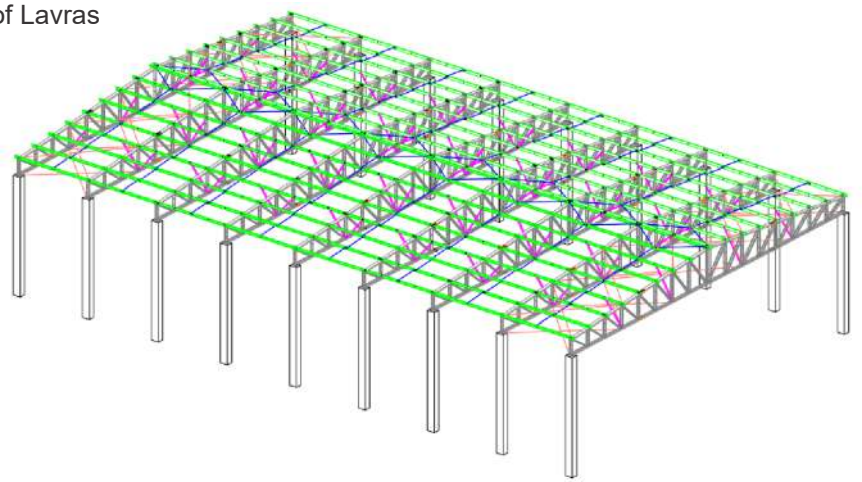
1st Place
Federal University of Grande Dourados

2nd Place
University Center of Grande Dourados - UNIGRAN

3rd Place
Federal University of Piauí

Honorable Mention I
Anhembi Morumbi University – Vila Olímpia Campus

Honorable Mention II
Federal University of Lavras



INITIATIVES FOR PROMOTION AND PUBLICATION

EVENTS & WORKSHOPS

ORGANIZED / SPONSORED / SUPPORTED

CBCA Hackathons with the Anima Education Network - Opening Events and Awards - 321 participants

Rio Construction Summit 2025 - 95 participants

Awards Ceremony of the 18th CBCA Architecture Student Contest – 70 Participants

Abrainc Summit - Institutional support

Incorpora 2025 - Institutional support

ENECE - National Meeting on Structural Engineering and Consulting - 490 participants

Aeronautics Workshop – Humberto Bellei - 50 participants

Construmetal - 540 participants

Construlev - 80 participants

Firjan Summit – 100 participants

100th ENIC - 150 participants

Workshop at Mackenzie Academic Week – AI Applications for Connected Project Engineering – 50 Participants

Build Brazil Project - Institutional support

Product Platforms Guide - Institutional Support

DECONCIC - Institutional support

9,021
PARTICIPANTS

INITIATIVES FOR PROMOTION AND PUBLICATION

ROADSHOWS

ROADSHOW

STEEL CONSTRUCTION: SUSTAINABILITY AND RESILIENCE AGAINST CLIMATE CHANGE

Nationwide circuit of technical workshops held in four Brazilian cities (São Paulo, Porto Alegre, São Luís, and Brasília), carried out in partnership with leading local industry associations and universities. Aim to train professionals and students in matters related to steel construction. Participation of the Municipal Departments of Climate Change / Sustainability

+300
PARTICIPANTS
(IN-PERSON + ONLINE)

91%
RATED THE
WORKSHOPS AS
EXCELLENT OR GOOD

100%
RATED THE EVENT AS
EXCELLENT OR GOOD

PARTNERSHIPS

PARTNERSHIPS

EXCHANGE WITH SIMILAR ORGANIZATIONS

A L A C E R O – Latin American Steel Association

Partner and participant in the ALACERO Architecture Student Contest.

PARTNERSHIPS

NATIONAL ENTITIES & UNIVERSITIES

NATIONAL ENTITIES

AARS – Rio Grande do Sul Steel Association
ABCEM - Brazilian Association for Metal Construction
ABCLS - Brazilian Association for Lightweight and Sustainable Construction
ABINOX - Brazilian Stainless Steel Association
ABECE - Brazilian Association for Engineering and Structural Consulting
ABENC - Brazilian Association of Civil Engineers - BA
ABM – Brazilian Association of Metalworking, Materials and Mining
ABNT - Brazilian Technical Standards Association
ABPP - Brazilian Passive Structural Protection Association
ABRAMAT - Brazilian Association for the Construction Materials Industry
ABRAINC - Brazilian Association of Real Estate Developers
AsBEA – Brazilian Association for Architectural Firms - CE, BA, MG
DRYWALL ASSOCIATION - Brazilian Drywall Association
CAU – Council of Architecture and Urbanism DF, RS, SP, and MA
CBIC – Brazilian Chamber of the Construction Industry
CE – Carbon
CREA – Regional Councils of Engineering and Agronomy
RJ, DF, RS, SP, and MA CONFEA – Federal Council of Engineering and Agronomy
FIESP - Industrial Federation for the State São Paulo
FIRJAN - Industrial Federation for the State of Rio de Janeiro
IAB – Institute of Architects of Brazil
ICZ - Institute for Non-Ferrous Metals
INDA – National Steel Distributors' Institute
SENAI – National Service for Industrial Training – DF, RS, SP, and MA
SICEPOT - - Union for the Heavy Construction Industry - MG
SINAENCO - National Union for consultative engineering and architecture companies - CE and SP
SINDUSCON – Civil Construction Industry Union – DF, RS, SP, and MA

UNIVERSITIES

UNIVERSITY CENTER OF FINE ARTS OF SÃO PAULO
DOM HELDER UNIVERSITY CENTER
FACENS UNIVERSITY CENTER
FAM UNIVERSITY CENTER
RITTER DOS REIS UNIVERSITY CENTER
FAMETRO UNIVERSITY CENTER
IBMR UNIVERSITY CENTER
UNA UNIVERSITY CENTER
UNIBH UNIVERSITY CENTER
UNISOCIESC UNIVERSITY CENTER
CEUB – UNIVERSITY CENTER OF BRASÍLIA
FAE UNIVERSITY CENTER
GRAN FACULDADE
IFCE – FEDERAL INSTITUTE OF EDUCATION, SCIENCE, AND TECHNOLOGY OF CEARÁ IFF – FLUMINENSE FEDERAL INSTITUTE
IFFAR – FARROUPILHA FEDERAL INSTITUTE IFTO – TOCANTINS
FEDERAL INSTITUTE IMT – MAUÁ INSTITUTE OF TECHNOLOGY
ITA – AERONAUTICAL TECHNOLOGICAL INSTITUTE
PUC CAMPINAS – PONTIFICAL CATHOLIC UNIVERSITY OF CAMPINAS
PUC MINAS – PONTIFICAL CATHOLIC UNIVERSITY OF MINAS GERAIS
PUCPR – PONTIFICAL CATHOLIC UNIVERSITY OF PARANÁ TOLEDO PRUDENTE UNIVERSITY CENTER
UDF - FEDERAL DISTRICT UNIVERSITY
UEMA – STATE UNIVERSITY OF MARANHÃO
UFAL – FEDERAL UNIVERSITY OF ALAGOAS
UFAM – FEDERAL UNIVERSITY OF AMAZONAS
UFBA – FEDERAL UNIVERSITY OF BAHIA
UFC – FEDERAL UNIVERSITY OF CEARÁ
UFF – FLUMINENSE FEDERAL UNIVERSITY
UFGD – FEDERAL UNIVERSITY OF GRANDE DOURADOS
UFJF – FEDERAL UNIVERSITY OF JUIZ DE FORA
UFLA – FEDERAL UNIVERSITY OF LAVRAS
UFMA – FEDERAL UNIVERSITY OF MARANHÃO
UFMG – FEDERAL UNIVERSITY OF MINAS GERAIS
UFMT – FEDERAL UNIVERSITY OF MATO GROSSO
UFOP – FEDERAL UNIVERSITY OF OURO PRETO
UFOPA – FEDERAL UNIVERSITY OF WESTERN PARÁ
UFPA – FEDERAL UNIVERSITY OF PARÁ
UFPE – FEDERAL UNIVERSITY OF PERNAMBUCO
UFPI – FEDERAL UNIVERSITY OF PIAUÍ
UFPR - FEDERAL UNIVERSITY OF PARANÁ
UFRGS – FEDERAL UNIVERSITY OF RIO GRANDE DO SUL
UFRJ – FEDERAL UNIVERSITY OF RIO DE JANEIRO
UFRN – FEDERAL UNIVERSITY OF RIO GRANDE DO NORTE
UFRR – FEDERAL UNIVERSITY OF RORAIMA
UFSC – FEDERAL UNIVERSITY OF SANTA CATARINA
UFT – FEDERAL UNIVERSITY OF TOCANTINS
UFV – FEDERAL UNIVERSITY OF VIÇOSA
UNAERP – UNIVERSITY OF RIBEIRÃO PRETO
UNDB – DOM BOSCO UNIVERSITY
UNEMAT – STATE UNIVERSITY OF MATO GROSSO
UNESC – UNIVERSITY OF EXTREMO SUL CATARINENSE
UNESP – PAULISTA STATE UNIVERSITY UNIACADEMIA
UNIBRASIL – AUTONOMOUS UNIVERSITY CENTER OF BRAZIL
UNICESUMAR
UNICID – CITY UNIVERSITY OF SÃO PAULO
UNIFACS – UNIVERSITY OF SALVADOR UNIFEITEP
UNIFESSPA – FEDERAL UNIVERSITY OF SOUTH AND SOUTHEASTERN PARÁ
UNIFOR – UNIVERSITY OF FORTALEZA
UNIGRAN – UNIVERSITY CENTER OF GRANDE DOURADOS
UNILESTE – UNIVERSITY CENTER OF EASTERN MINAS GERAIS
UNIR – FEDERAL UNIVERSITY OF RONDÔNIA
UNIRITTER
UNISINOS – UNIVERSITY OF THE VALE DO RIO DOS SINOS
UNISUL – SOUTHERN UNIVERSITY OF SANTA CATARINA CRUZEIRO DO SUL UNIVERSITY
UNIVERSITY OF ARARAQUARA
UNIVERSITY OF VALE DO PARAÍBA
ESTÁCIO DE SÁ UNIVERSITY
POSITIVO UNIVERSITY
PRESBYTERIAN UNIVERSITY MACKENZIE SÃO FRANCISCO UNIVERSITY
SÃO JUDAS TADEU UNIVERSITY
ANHEMBI MORUMBI UNIVERSITY
UNP - POTIGUAR UNIVERSITY
UPE – UNIVERSITY OF PERNAMBUCO
UPF – UNIVERSITY OF PASSO FUNDO
USF – SÃO FRANCISCO UNIVERSITY
USP – UNIVERSITY OF SÃO PAULO

PROMOTION & STANDARDIZATION OF QUALITY

PROMOTION AND STANDARDIZATION OF QUALITY

TECHNICAL STANDARDS

- CE - 28:001.007 - Steel Panels and Roofing - Standard currently under development
- ABNT/CEE-231 Design of Metal, Wood, Concrete and Mixed Structures and Inspection of Metal, Wood and Mixed Structures - Standard currently under development
- CE - 003:082.001 - Photovoltaic Conversion Systems - Standard currently under development
- CE 28:001.004 - Commission for Studies of Welded and Cold Formed Profiles – Standard currently under development
- CE 002 125 003 - Steel Structures and Steel-Concrete Bridge Fatigue – Standard currently under development
- ABNT NBR 15217 – Steel Profiles for Drywall Construction Systems
  - Requirements and Test Methods – Standard finalized

DEVELOPMENT OF TECHNICAL MATERIALS

DEVELOPMENT OF TECHNICAL MATERIALS

The publication, which is scientific in nature, relies on an active independent editorial board for the evaluation of articles. The magazine's 14th volume, which contains 3 editions with a total of 12 articles, was published with participation from researchers in Brazil and Portugal. All articles receive a DOI(*).

(*) DOI is an acronym for Digital Object Identifier. It is a standard for identify documents within digital networks.

STEEL STRUCTURE MAGAZINE - REA

60.2%
ENGAGEMENT RATE

7,062
NUMBER OF TIMES ACCESSED

Devices::
Desktop: 1.610
Mobile: 410
Tablet: 10

7,100
VIEWS

1,965
NEW USERS

DEVELOPMENT OF TECHNICAL MATERIALS

BRAZILIAN STEEL CONSTRUCTION GUIDELINES

Brazilian Steel Construction Guidelines are a pioneering initiative from the Brazilian Center of Steel Construction - CBCA, implemented with support from the Brazilian Association for Metal Construction - ABCEM and seeking to encourage growth within the sector. These guidelines are used to map out and disseminate information on the production chain used in steel construction, facilitating consumer access to the different products, services and solutions available on the market.

The Guide is consistently updated in order to broaden its scope, incorporating new market segments for steel construction and participants.

25,987
NUMBER OF TIMES ACCESSED

5,782
DOWNLOADS

1,526
NEW USERS

1,321
PARTICIPANT COMPANIES

3,055
TOTAL USERS

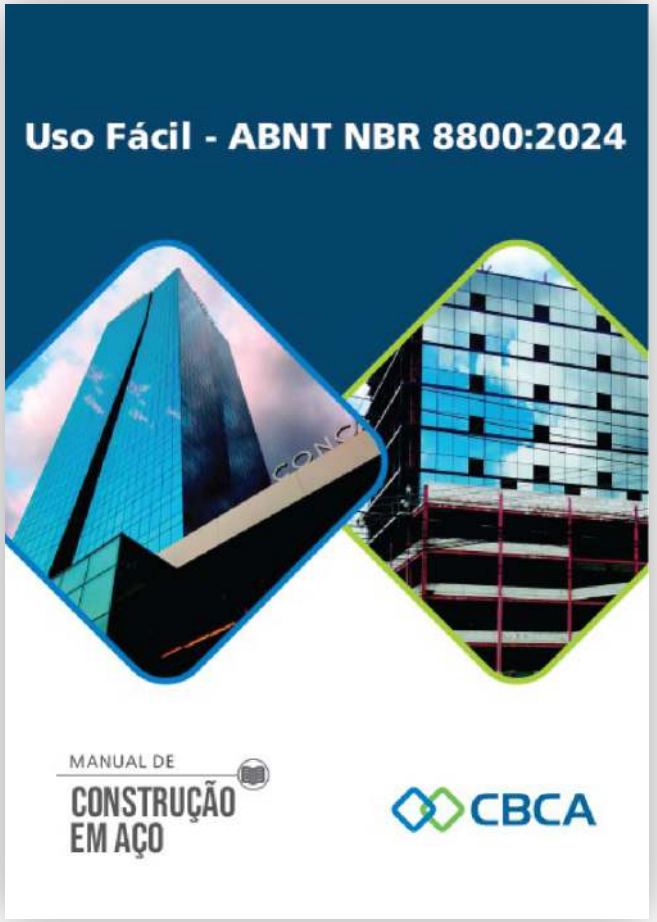
7,471
PAGE VIEWS

00:49s
AVERAGE TIME

44%
ENGAGEMENT RATE

DEVELOPMENT OF TECHNICAL MATERIALS

STEEL CONSTRUCTION MANUALS



8.027
NUMBER OF MANUAL DOWNLOADS

635
NUMBER OF SOFTWARE DOWNLOADS

6.162
PAGE VIEWS

3.097
TOTAL USERS

46,7%
ENGAGEMENT RATE

3.056
NEW USERS

Manuals Completed in 2025:

- Manual Easy Use ABNT NBR:8800 – (revision)

Editions Scheduled for 2026:

- Warehouses for General Use Manual (revised)
- Wind Loads on Steel Structures Manual (new)

LABOR QUALIFICATIONS

LABOR QUALIFICATIONS

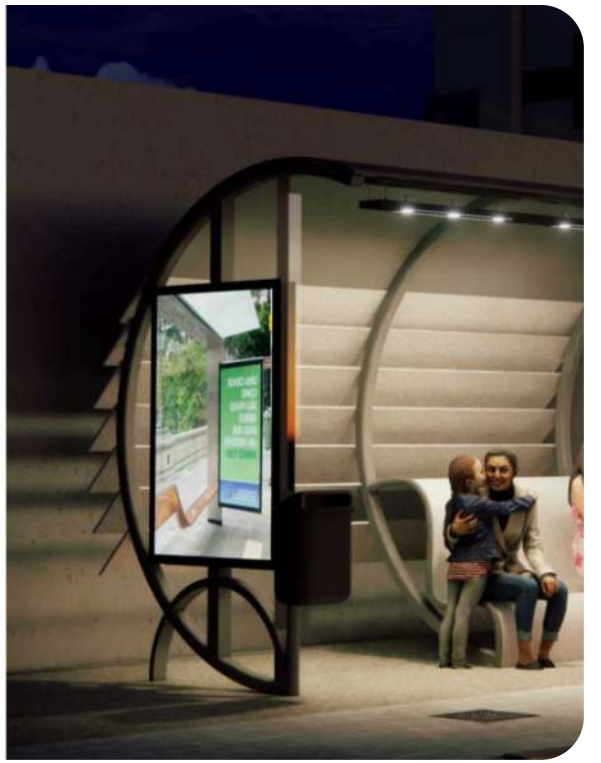
HACKATHON

PURPOSE

A hands-on activity focused on developing a project based on a real urban infrastructure need, encouraging the application of industrialized construction concepts and the use of steel in the construction industry. In 2025, two editions of the initiative were carried out in partnership with the Ânima Education Network under the theme “Steel-Structured Bus Shelter,” which was integrated into the Architecture and Urbanism and Civil Engineering course curricula. Students were guided by faculty members and tutors from their respective programs.

In total, 457 students participated in the courses associated with the hackathons, resulting in 90 projects submitted and evaluated over the course of the two semesters of 2025. The projects were reviewed by a technical panel, based on criteria such as innovation, proper use of steel, feasibility, structural suitability, constructability, sustainability, and alignment with the proposed theme. The initiative helped develop and expand students’ technical knowledge of industrialized steel construction, fostering solutions that are more efficient, sustainable, and aligned with the real demands of the market.

457
STUDENTS



LABOR QUALIFICATIONS

TRAINING COURSE FOR TEACHERS

PURPOSE

Teacher Training Course - To familiarize teachers of the Steel Structures subject with the selection of materials and the dimensioning of steel structural elements for buildings in accordance with ABNT standards, as well as providing important notions of aspects related to constructability (detailing, manufacturing, transportation, assembly and durability).

TEACHER

Fernando Ottoboni Pinho.

FOCUS

Civil engineering courses from universities in the North and Northeast Regions..

PLACE / DATE

Fortaleza / August 04 to 08, 2025

PARTICIPATION

18 professors participated, from 16 federal universities and 2 private universities (Northern Region: AM, PA, RO, RR and TO and Northeast Region: BA, CE, MA, PI and RN);

PROGRAM

Based on the most relevant topics related to steel construction, supported by the CBCA technical manuals and associated manuals/catalogs, lasting 40 hours.

PARTICIPATING UNIVERSITIES

- Federal Institute of Education, Science and Technology of Ceará
- Federal Institute of Tocantins
- Don Bosco University - UNDB
- Federal University of Maranhão
- Federal University of Tocantins
- Federal University of Rondônia
- Federal University of Roraima
- Federal University of Amazonas
- Federal University of Ceará
- Federal University of Western Pará
- Federal University of Pará
- Federal University of Piauí
- Federal University of Rio Grande do Norte
- Federal University of the South and Southeast of Pará
- Salvador University - UNIFACS

TESTIMONIALS

The course was excellent. My students will also benefit from the knowledge gained about what I call the "world of steel." I would like to congratulate CBCA once again for this initiative, as well as for selecting Professor Fernando Pinho, who, with his extensive experience, provided the maximum amount of information possible. Finally, I appreciate your attention throughout all stages

would like to thank CBCA for the initiative and congratulate them on the organization of the event. Actions like this foster and elevate the field of steel structural engineering in Brazil. And congratulations to the team that organized the event, which performed flawlessly.

And of course, Professor Pinho, who needs no introduction. An exceptional professional. Whenever I could, I would thank him and congratulate him for his dedication.

LABOR QUALIFICATIONS

VIDEO LESSONS

CHARACTERISTICS OF STEEL CONSTRUCTION ECONOMIC

FEASIBILITY IN STEEL STRUCTURES

TYPES OF PROFILES

CONNECTIONS

TRANSPORT AND MAINTENANCE IN STEEL STRUCTURES

BUILDING FIRE SAFETY

CORROSION PROTECTION

STRUCTURAL STEEL

STRUCTURAL DESIGN

EXTERNAL SEALING AND SLABS

MOST DOWNLOADED VIDEO LESSON

CHARACTERISTICS OF STEEL CONSTRUCTION

658
NUMBER OF TIMES ACCESSED

1,985
PAGE VIEWS

1:03
AVERAGE TIME

1,368
DOWNLOADS

LABOR QUALIFICATIONS

PROVISION OF COURSES

ONLINE COURSES

- INTRODUCTION TO STEEL CONSTRUCTION
- EXECUTION OF STEEL STRUCTURES
- STEEL STRUCTURAL SYSTEMS
- LIGHT STEEL FRAMING
- DESIGN OF STEEL STRUCTURES – UPDATED IN ACCORDANCE WITH NBR 8800:2024

166
STUDENTS

LIVE ONLINE COURSES

- WIND LOADS ON STEEL STRUCTURES (NEW)

14
STUDENTS

LABOR QUALIFICATIONS

SCHOLARSHIPS

SCHOLARSHIP FOR SCIENTIFIC INITIATION

The scholarship from the Federal Institute of Goiás – Formosa Campus, on the theme “Slim Floor Systems,” was carried out throughout 2025 and will conclude with the submission of the final report in 2026. The main objective of this work is to carry out the design of slim floor-type structures and to analyze their execution and performance under load applications.

Figura 7.7: Resultado da deflexão instantânea da simulação numérica com malha de 0,06 metros

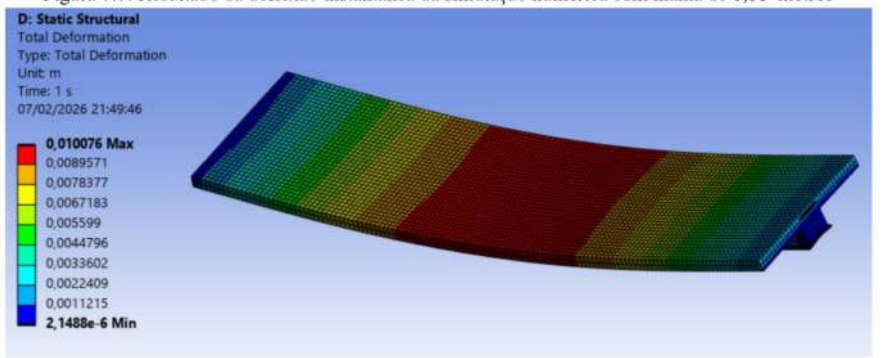
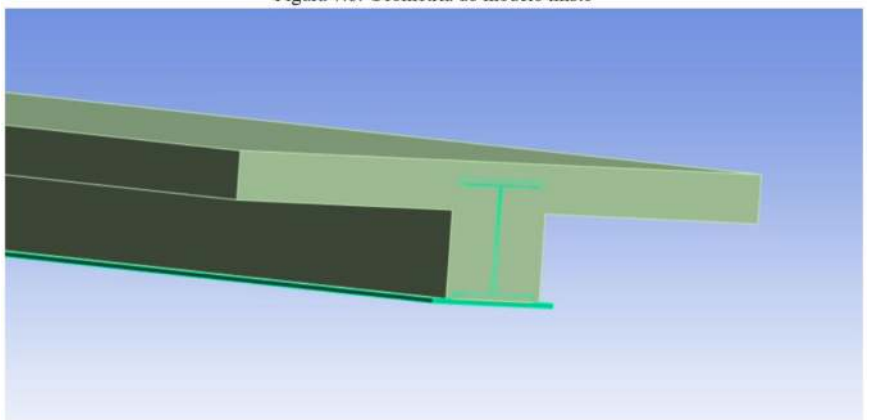


Figura 7.6: Geometria do modelo misto



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REPORT ON ORGANIZATIONAL ACTIVITIES

2025

MANAGER:

CBCA
Centro Brasileiro da Construção em Aço

INSTITUTO AÇO BRASIL