

# CICIND

**REPORT**

**CICIND MAGAZINE**



**98<sup>th</sup> Conference Florence**  
**17<sup>th</sup> - 20<sup>th</sup> May 2023**

**CICIND**

**INTERNATIONAL COMMITTEE FOR INDUSTRIAL CONSTRUCTION**

# CICIND Report

Vol. 98

May 2023

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# Words from the President May 2023



*Albert de Kreij*  
*President of CICIND*

## The ship is turning!

While I keep seeing people with face masks here and there, I think we can say that the COVID pandemic is fast becoming a distant memory. After two “virtual meetings” CICIND has by now had a string of very nice, in person meetings in Dresden, New Orleans, Paphos and

Florence. We are already looking forward to the next two meetings in Ahmedabad (October 2023) and Hamburg (May 2024).

During each of the past four meetings, the transition of CICIND has become more and more visible.

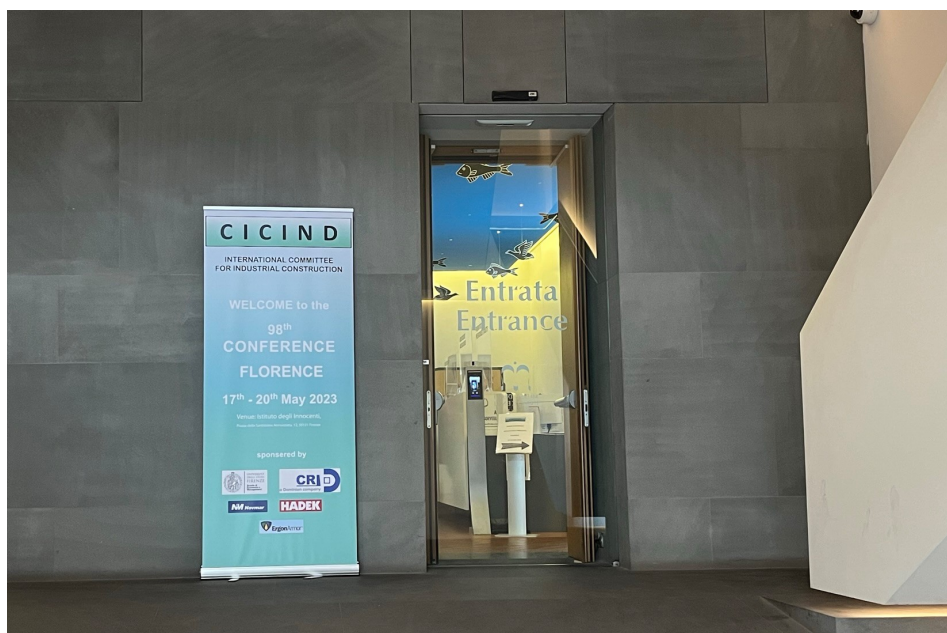
We have had to recognize some years ago that “old CICIND” could not continue to function as it had for many years, being a global authority on all matters related to industrial chimneys. While the knowledge and experience gathered in CICIND and its membership is impressive, chimneys have become too narrow a basis for our organization and the businesses of its members.

We can now see a “new CICIND” taking shape, which uses its knowledge, experience and contacts to become an authority in new industries. This was most visible during our event in Florence, in May 2023. The papers presented in the Florence meeting stretched from LNG storage to drone surveillance to sustainability engineering.

CICIND is now rapidly changing into a forum for the exchange of technological ideas in civil industrial engineering. We still have a long way to go and a huge effort is needed to realize the potential of our chosen direction, but it is already clear that our ship is turning around. I look forward to seeing this trend continue during the upcoming meetings, which are rapidly taking shape.

Finally, to any of our members who are still uncertain if they should come to India, I say: there has never been a better time, so please do not miss it!

*Albert de Kreij*



# Editorial

"Off to India" is the headline on the business page of the FAZ on June 11, 2023. India is now the fastest-growing major economy in the world, overtaking China for the first time in a generation with growth of almost 8%. Narendra Modi, Prime Minister of India, welcomes politicians from all countries around the world. English rule of law and strategic ally to the Western world stands in strong contrast to current developments in China and Russia. India's relatively less liquid equity markets shall benefit from increased demand from foreign investors. Management consultancy McKinsey assumes that the Indian century will come.

The Governing Body of CICIND has decided to hold the first CICIND conference in India! You can find an introductory video of our next CICIND conference in Ahmedabad on our CICIND website. This was produced by our CICIND member, Megha from Ahmedabad! You will find more information in this magazine under the preview of the "Future Conferences". You are cordially invited to attend the CICIND conference in Ahmedabad on October 19-21, 2023.

This year's CICIND spring conference took place in Florence, Italy. Many people claim that Florence is one of the most beautiful cities in the world: the gardens, monuments, buildings, and streets are, in many cases, veritable masterpieces. Walking the streets of Florence is like walking through the halls of a big open-air museum. The venue of this Florence CICIND conference was inside a museum, near to the Duomo: *The Istituto degli Innocenti*. You will find more information about our venue in this CICIND magazine, together with travel impressions of the partners tour to Pisa and the wonderful trip to Siena with the huge Piazza del Campo and much more. With 120 participants incl. partners, the Florence conference was one of the largest CICIND meetings we have ever had. We also had a fantastic response on the *Call for Papers*. With 23 lectures we had to split the auditorium into two lecture halls. Please take a detailed look to the papers in this report.

One key aspect of the conference was wind engineering. But in addition,, speakers presented new

ideas due to wind loads, offshore wind construction, LNG tanks, concrete chimney construction, liner repair, steel chimney design, steel cooling tower, digital analysis of infrastructure, demolition, etc. Entirely new ideas for us were presented on the topic "Implementation of sustainability goals in industrial engineering". Really a wide range

of different interesting presentations. I would like to thank all speakers for their excellent presentations. On the following pages you will learn about all those new ideas of the speakers!

CICIND funded the research work on the topic "Reynolds number disparity and its effect on vortex excitation - findings from large-scale tests on wind turbine towers" to Niemann Ingenieure GBR. Results from wind tunnel tests are to be compared with the reality on steel towers of new wind turbines in Østerild (Denmark). The VIV concept (Vortex Induced Vibrations) is to be verified. We expect the results this summer. The results will be published in the protected area of the CICIND website. All CICIND members have access to this protected area with a login and can open all published Research works from CICIND. I take the opportunity to repeat the request at the Florence NGA that further proposals for research works may be submitted to CICIND. The Governing Body will decide on the applications.

In Florence we had our 98<sup>th</sup> CICIND Conference. It is foreseeable that after the conference in Ahmedabad, we will hold our 100<sup>th</sup> CICIND conference in Hamburg, Germany. We want to celebrate this event with the entire CICIND family from May 1-4, 2024, in a particularly worthy way. I would like to ask all CICIND members to send me their contribution for this extraordinary event. Your ideas are welcome!



**Hermann Hoffmeister**  
*Secretary of CICIND*

*Hermann Hoffmeister*