

Climate change and sustainable development invite us to think and act collaboratively, with creativity and ambition, to achieve a more sustainable concrete construction industry. For this reason, this association has undertaken the objective of organizing this seminar to bring to professionals and representatives of Cement and Concrete Industry of Argentina and other countries in the Latin American region, as well as other interested parties in the value chain of the industry, a current and future vision towards improving the performance of this sector, disseminating the best available practices and the latest advances in technology and innovation, which serve as inspiration and promote new challenges for local stakeholders.

This seminar is sponsored by the following entities: Argentine Association of the Concrete Masonry Block (AABH), Argentine Association of Roads (AAC), Argentine Association of Ready Mixed Concrete (AAHE), Argentine Association of Structural Concrete (AAHES), Argentine Association of Concrete Technology (AATH), American Concrete Institute (ACI) - Argentina Chapter, Association of Structural Engineers (AIE), Argentine Chamber of Engineering Consultants (CADECI), Argentine Center of Engineers (CAI), Argentine Chamber of Construction (CAMARCO), Argentine Business Council for Sustainable Development (CEADS), Chamber of the Portland Cement Precast Industry (CIPCP), Argentine Portland Cement Institute (ICPA), Central Society of Architects (SCA), Argentine Industrial Union (UIA).

More information and registration at: <https://www.afcp.org.ar/seminario-tecnico-afcp-2021>

TECHNICAL PROGRAM (OFFICIAL TIME OF ARGENTINA; GMT -3)

OCTOBER, 5TH – 4:30 pm to 6:30 pm

Opening and Welcome

Damián ALTGELT ARGENTINE ASSOCIATION OF PORTLAND CEMENT PRODUCERS, ARGENTINA

Carbon neutrality. From ambition to commitment

Claude LORÉA GLOBAL CEMENT & CONCRETE ASSOCIATION (GCCA), BELGIUM

Waste recovery as a strategy for the climate ambition of the Latin American cement industry

Ricardo PAREJA SOTO INTERAMERICAN FEDERATION OF CEMENTO (FICEM), CHILE

Innovations in cement production to reduce the carbon footprint

Martin SCHNEIDER VEREIN DEUTSCHER ZEMENTWERKE (VDZ) / EUROPEAN CEMENT RESEARCH ACADEMY (ECRA), GERMANY

Remediation and protection of the biodiversity of quarries in the cement industry

Abel NONINO HOLCIM ARGENTINA / Juan Martín VILLEMUR CEMENTOS AVELLANEDA, ARGENTINA

OCTOBER, 7TH – 4:30 pm to 6:30 pm

The top 10 ways to reduce concrete's carbon footprint

Lionel LEMAY NATIONAL READY-MIXED CONCRETE ASSOCIATION (NRMCA), UNITED STATES OF AMERICA

Circular Economy and efficient use of resources in ready-mixed concrete industry

Gastón FORNASIER LOMA NEGRA / ARGENTINE ASSOCIATION OF READY-MIXED CONCRETE (AAHE), ARGENTINA

Innovations and solutions for a more sustainable ready-mixed concrete industry.

Vanderley JOHN SAO PAULO UNIVERSITY (USP), SCHOOL OF ENGINEERING, BRAZIL

OCTOBER, 12TH – 4:30 pm to 6:30 pm

Degree of re-carbonation of concrete with spanish cements

María del Carmen ANDRADE PERDRIX ALCONPAT / AEAC / POLYTECHNICAL UNIVERSITY OF CATALUNYA (UPC), SPAIN

Essential role of concrete and cement-based solutions for the modern world

Edgardo F IRASSAR NATIONAL UNIVERSITY OF THE CENTER OF BUENOS AIRES PROVINCE (UNICEN), ARGENTINA

Feasibility of using eco-sustainable materials in structural engineering projects

Paula FOLINO UNIVERSITY OF BUENOS AIRES (UBA), SCHOOL OF ENGINEERING / ARGENTINE ASSOCIATION OF STRUCTURAL ENGINEERS (AIE) / AMERICAN CONCRETE INSTITUTE (ACI) - CHAPTER ARGENTINA, ARGENTINA

Added attributes and benefits of cement-based and concrete construction solutions.

César BARTOLOMÉ MUÑOZ SPANISH INSTITUTE OF CEMENT AND ITS APPLICATIONS (IECA), SPAIN

OCTOBER, 14TH – 4:30 pm to 5:30 pm

Panel with representatives from the public, civil and private sectors.

Topics: Circular Economy. Efficient use of resources. Sustainable consumption and construction. Recovery of waste, recycling and reuse of inerts in concrete. Mitigation strategies in the Construction industry and the role of cement-based solutions in adaptation to Climate Change and economic and social development.

Participants:

- Luis FERNÁNDEZ LUCO. UNIVERSITY OF BUENOS AIRES (UBA), SCHOOL OF ENGINEERING, ARGENTINA
- María José GARCÍA. INTERAMERICAN FEDERATION OF CEMENT (FICEM), COLOMBIA
- Pablo KUNIK. SUSTAINABLE INDUSTRY OFFICE. MINISTRY OF PRODUCTION (MDP-NAC), ARGENTINA
- Manuel LASCARRO. IBEROAMERICAN FEDERATION OF READY-MIXED CONCRETE (FIHP), COLOMBIA
- Florencia MITCHELL. CLIMATE CHANGE OFFICE. MINISTRY OF ENVIRONMENT AND SUSTAINABLE DEVELOPMENT (MAYDS-NAC), ARGENTINA

Presenter-Moderator: Sebastián BIGORITO ARGENTINE BUSINESS COUNCIL OF SUSTAINABLE DEVELOPMENT (CEADS)

DISERTANTES

Claude LÓREA

Cement Director at Global Cement & Concrete Association (GCCA)

Ricardo PAREJA SOTO

Innovation and Roadmap Project Leader at INTERAMERICAN FEDERATION OF CEMENT (FICEM)

Martin SCHNEIDER

Executive Director of Verein Deutscher Zementwerke e.V. (VDZ) and Managing Director of European Cement Research Academy (ECRA)

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| Juan Martín VILLEMUR | Head of Environment at the Olavarría Plant of CEMENTOS AVELLANEDA |
| Abel NONINO | Quarries Manager at HOLCIM ARGENTINA |
| Lionel LEMAY | Executive Vice President Structures & Sustainability of NATIONAL READY MIXED CONCRETE ASSOCIATION of United States of America. |
| Gastón FORNASIER | Operations and Commercial Manager of Concrete and Aggregates Business at LOMA NEGRA / Secretary of ARGENTINE ASSOCIATION OF READY MIXED CONCRETE (AAHE) |
| Vanderley JOHN | Associate professor in the Department of Construction Engineering of the Polytechnic School of USP, Brazil. Board member of the Brazilian Council for Sustainable Construction (CBCS), Vice President of the Construction Committee of the Brazilian Association of Standards and Technology (ABNT) and Vice President of the Science Society of the Brazilian Association of Built Environment Technology (ANTAC) |
| María del Carmen ANDRADE PERDRIX | President of ALCONPAT, Vice President of AEAC and Visiting Professor at the International Center for Numerical Methods in Engineering (CIMNE) of the POLYTECHNIC UNIVERSITY OF CATALUNYA (UPC). |
| Paula FOLINO | Associate Professor, LMNI-INTECIN Researcher at School of Engineering of UNIVERSITY OF BUENOS AIRES (UBA). Member of ARGENTINE ASSOCIATION OF STRUCTURAL ENGINEERS (AIE). Secretary of the Argentine Chapter of the AMERICAN CONCRETE INSTITUTE (ACI) |
| Edgardo Fabián IRASSAR | Director of the Institute of Physical, Chemical and Mechanical Studies of Materials (INMAT) of the NATIONAL UNIVERSITY OF THE CENTER OF THE PROVINCE OF BUENOS AIRES (UNICEN) |
| César Bartolomé MUÑOZ | Innovation Director at Spanish Institute of Cement and its Applications (IECA) |
| Luis Fernández LUCO | Director of the Materials and Structures Laboratory (LAME), and Secretary of Research and Doctorate Studies at School of Engineering of the UNIVERSITY OF BUENOS AIRES (UBA) |
| María José GARCÍA | Executive Director of Interamerican Cement Federation (FICEM) |
| Pablo KUNIK | Director of Sustainable Industry Office at MINISTRY OF PRODUCTION (MDP-NAC) |
| Manuel LASCARRO | Executive Director of IBEROAMERICAN FEDERATION OF READY MIXED CONCRETE (FIHP) and COLOMBIAN CHAMBER OF CEMENT AND CONCRETE (PROCEMCO) |
| Florencia MITCHELL | Director of Climate Change Office at MINISTRY OF ENVIRONMENT AND SUSTAINABLE DEVELOPMENT (MAYDS-NAC) |

ABOUT AFCP

The **Argentine Portland Cement Manufacturers Association -AFCP-** represents the cement industry in Argentina, promoting the use of cement in civil construction and in infrastructure works that contribute to the development and well-being of the Nation and its inhabitants.

Its objectives are:

- › Represent Argentine Cement Industry.
- › Propose to the public authorities projects and works that contemplate the sustainable development, and promote the use of cement in civil construction and infrastructure works that contribute to the development and well-being of the Nation and its inhabitants.
- › Participate with other institutions in strategic alliances that benefit the community by preserving the environment, with social responsibility and efficient use of energy.
- › Promote staff training and be a direct part of Collective Labor Agreements, providing initiatives and leading actions aimed at working and social conditions.