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THE CATALYST GROUP 2026



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WHO IS THE CATALYST GROUP: TCG CONSULTING AND TCG RESOURCES

Analytical excellence across technology, cost structures, and business strategy.



- **About Us**
  A global consultancy with 40+ years of experience serving industries like refining, chemicals, plastics, pharmaceuticals, and environmental services.

- **What We Do**
  We deliver technology-driven strategic planning through two main services: custom client projects (TCGC) and industry-focused programs and studies (TCGR).

- **Proven Industry Expertise**
  Built by industry leaders, our team brings decades of consulting experience and long-term client relationships that reflect the value we consistently deliver.

- **Unmatched Network & Client Focus**
  Through the Dialog Group® network of 150+ global experts, we offer a uniquely interactive, client-centric approach trusted by top industrial companies worldwide.

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CAP Catalytic Advances Program

A Membership-Directed Program

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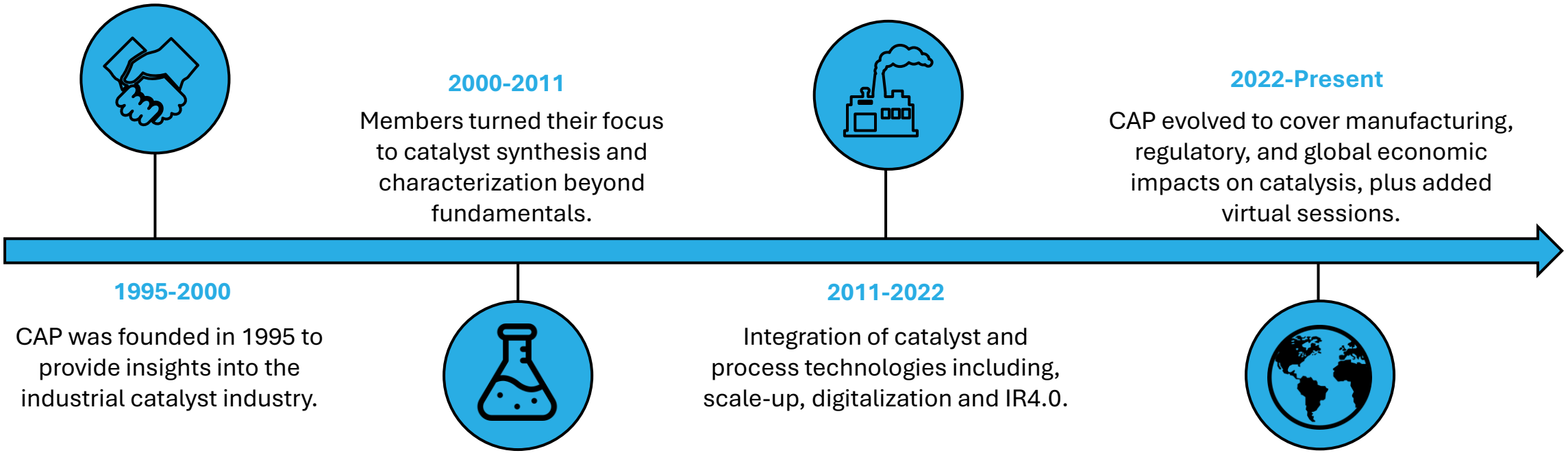
The Catalytic Advances Program (CAP)

Helping the Catalysis Industry for 30 years



1995-2000

CAP was founded in 1995 to provide insights into the industrial catalyst industry.

2000-2011

Members turned their focus to catalyst synthesis and characterization beyond fundamentals.

2011-2022

Integration of catalyst and process technologies including, scale-up, digitalization and IR4.0.

2022-Present

CAP evolved to cover manufacturing, regulatory, and global economic impacts on catalysis, plus added virtual sessions.

CAP Catalytic Advances Program

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The CAP Members

Chevron

Shell

أرامكو السعودية
saudi aramco



Honeywell
UOP

TotalEnergies

Chevron Phillips Chemical Company LP

Reliance Industries Limited

SOCAR

LYB LyondellBasell

EVONIK

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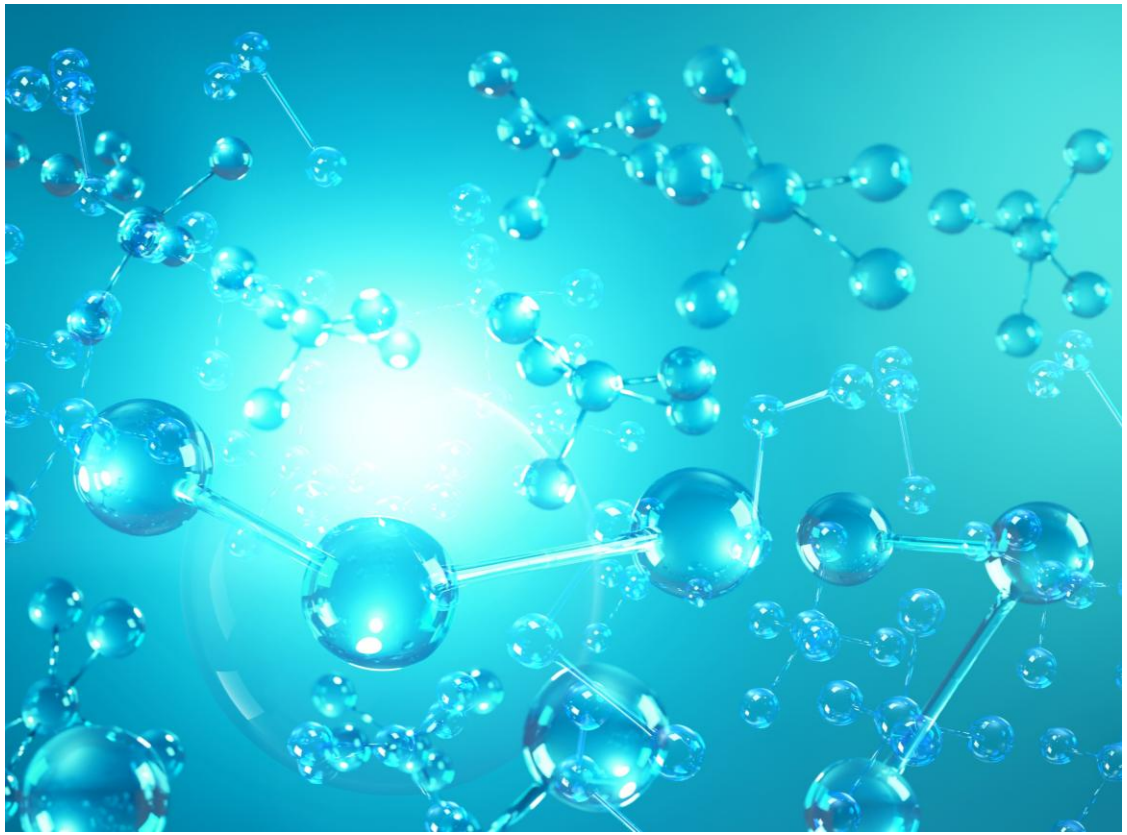
THE CAP CONSORTIUM SCOPE



- Petrochemicals Catalysts and Process Technology
- Refining/Fuel Catalysts and Process Technology
- Bio-based Catalysts and Process Technology
- Biofuels and bioenergy (biomass conversion to RD/SAF, biogas/biomethane)
- Hydrogen and Syngas Catalysts and Process Technology
- Polymer Catalysts and Process Technology
- Mobile and Stationary Emissions Catalysts
- Catalysis Role in Energy Transition and Circular Economy

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Deliverables – What You Receive



Intelligence Communications

Summaries of key tech and market trends from 30+ sources—delivered weekly.



CAP Technical Reports

Three peer-reviewed reports annually, scoped by members and authored by Dialog Group® experts.



TCGR Advisory Services

Targeted insights from TCGR on topics raised in newsletters or reports.



Member Initiated Projects

Confidential project proposals to solve challenges or pursue JV opportunities.



Meeting and Virtual Sessions

Topical webinars and networking with fellow members throughout the year.

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Benefits – Why It Matters

Do More with Less
Share costs, insights, and resources across a member-driven consortium.

Expert Insights
Apply expert insights from reports to guide R&D and investment decisions.

Always Informed
Keep current on key developments without information overload.

Powerful Network
Connect with industry leaders and partners.

Shape the Agenda
Drive priorities and report topics with your input. For the Industry, By the Industry®.

Tap Expert Network
Access the best industry and commercial network via The Catalyst Group's Dialog Group®.

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CAP Technical Reports

Selected for members, by members since 1995.

2026

- Catalytic CO_2 Conversion: Pathways to Olefins and Aromatics
- Challenges and Opportunities in Biofuel Commercialization
- Catalytic Solutions for Biobased Chemicals and Next-Gen Monomers

2025

- Advances in Catalysts for Value Addition of Waste Polymers and Biomass
- Catalyst Deactivation Related to Processing New Feedstocks
- Membrane Reactors for e-Fuel Production via CO_2 Hydrogenation

2024

- Advances in CO2 Activation Catalysts
- Advances in Catalysts for Biofuels and e-Fuels
- Advances in Catalysis for Polyolefin Production



Underway for 2027

2023

- Catalysts and Catalyst Manufacturing Methods for Decarbonization
- Startups in Catalysis and Catalytic Processes
- Advances in Materials for Catalysis

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Memberships – Costs How Much

CAP is an annual program with two levels of participation for 2026:

Full Membership: $39,500
Associate Membership: $32,500

The **Full Membership** entitles the subscriber to all three (3) technical reports released each year. At the **Associate Membership** entitles the subscriber to two (2) out of the three (3) reports released.

Each member signs a Corporate Membership Agreement, which fully documents the program content and deliverables.

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