



# INTERNATIONAL ASSOCIATION FOR GREEN AVIATION (IAGA)

国际绿色航空学会



[WWW.IAGA-GLOBAL.ORG](http://WWW.IAGA-GLOBAL.ORG)

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# SIGNIFICANCE 成立背景

INTERNATIONAL ASSOCIATION  
FOR GREEN AVIATION



SAFE SKIES.  
**SUSTAINABLE FUTURE.**  
A UNITED NATIONS SPECIALIZED AGENCY



**CHALLENGING FIELD FOR DECARBONIZATION**  
**GLOBAL COLLABORTION AND SYNCHRONIZATION IS OF SIGNIFICANCE.**  
**航空是难减排领域，全球合作与各方协同至关重要。**

# PROFILE 基本情况

INTERNATIONAL ASSOCIATION  
FOR GREEN AVIATION

**SLOGAN:** CLEAN SMART SAFE INNOVATIVE  
**理 念:** 清洁 智能 安全 创新

**VISION:** Boost the development of sustainable aviation through progress of technology and global cooperation.  
**愿 景:** 通过技术进步和全球合作, 促进航空绿色发展

**MISSION:** Create Knowledge/Empower Professionals/Facilitate Change  
**使 命:** 创造知识、赋能专业人士、促进变革

## OBJECTIVES 目标:

01

Build an international platform to exchange knowledge and information on green aviation.

搭建国际化平台, 促进绿色航空知识与信息交流。

02

Construct global network for all green aviation stakeholder to mobilize resources.

建立全球网络, 促进绿色航空利益攸关者资源整合。

03

Address emerging problems arising from new flying vehicles.

关注并解决新型飞行器带来的新问题。

04

Develop in a clean, smart, safe and innovative way to align with UN SDGs.

促进航空业采取清洁、智能、安全和创新的方式发展, 助力联合国可持续发展目标的实现。



# PROFILE 基本情况

INTERNATIONAL ASSOCIATION  
FOR GREEN AVIATION

## POSITIONING 定位



**BUILDIER FOR INTERNATIONAL  
EXCHANGE PLATFORMS**  
国际舞台的搭建者

**FACILITATOR FOR AVIATOIN  
DECARBONIZATION**  
航空减排的推动者

**LEADER FOR GREEN AVIATION DEVELOPMENT**  
绿色航空的引领者

**COORDINATOR FOR GREEM AVIATION  
STAKEHOLDERS**  
广大同行的连结者

# PROFILE 基本情况

INTERNATIONAL ASSOCIATION  
FOR GREEN AVIATION

## BUSINESS SCOPE 业务范围

01

Industry Research,  
Standards, Consultation  
and Cooperation  
产业研究/标准/咨询/合作

03

Awarding and Green  
Aviation Certification  
奖励与绿色航空认证



02

Academic Exchange  
Green Aviation  
Information and  
Knowledge Hub  
学术交流/绿色航空知识与信息中心

04

Talent Cultivation and  
Green Aviation Training  
人才培养与绿色航空培训

INDUSTRY-ACADEMIA-RESEARCH-APPLICATION-FINANCE-INTERMEDIARY INTEGRATION  
产、学、研、用、金、介一体化发展



# PROFILE 基本情况

INTERNATIONAL ASSOCIATION  
FOR GREEN AVIATION



2023 ↑

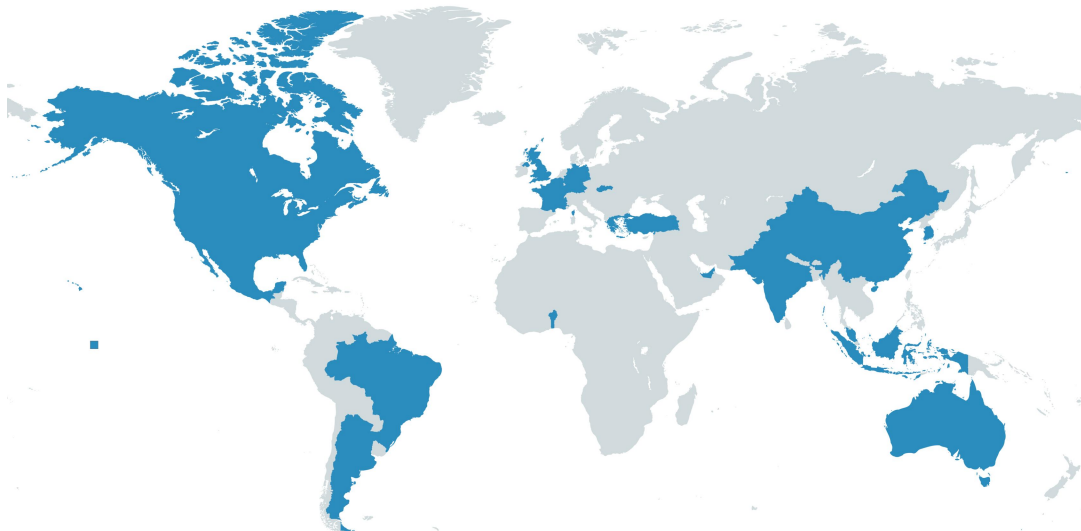
2024 ↓



MORE THAN 60 INDIVIDUAL FOUNDERS FROM 20 COUNTRIES  
20国60余位专家/院士/行业领袖参与发起

# PROFILE 基本情况

INTERNATIONAL ASSOCIATION  
FOR GREEN AVIATION



**CHANG | 亿航**



**遼寧通用航空研究院**  
LIAONING GENERAL AVIATION ACADEMY



**TAHIRA GROUP**  
Integrity • Innovation • Collaboration



**eMotres**



**15 CORPORATE FOUNDERS FROM BOTH ACADEMIA AND INDUSTRY**  
**15个单位会员，来自学术界和产业界**

# PROFILE 基本情况

INTERNATIONAL ASSOCIATION  
FOR GREEN AVIATION

## ORGANIZATION 组织架构





## International Committee of Airworthiness 国际适航委员会

**Purpose and Objectives:** To provide professional consultation to new-energy aircraft companies that plan to go overseas and vice versa. It's composed of experts, retired regulation officials and airworthiness agency.

**宗旨和目标:** 为新能源飞机企业进军海外及新能源飞机企业海外进军提供专业咨询服务，由专家、退休法规官员及适航机构组成

## International Committee of SAF 国际可持续航空燃料委员会

**Purpose and Objectives:**

- ❑ To establish a sustainable path forward by setting clear and achievable objectives and tracking progress
- ❑ To promote research, development, validation, application certification, and evaluation of SAF
- ❑ To accelerate the development of SAF industry chain, enhancing its performance and reduce cost
- ❑ To raise awareness of SAF among industry professionals and the the public

**宗旨和目标:**

- ❑ 通过制定清晰、可实现的目标并跟踪进展情况，建立可持续发展的道路
- ❑ 促进SAF的研究、开发、验证、应用认证和评估
- ❑ 加速SAF产业链的发展，提高其性能并降低成本
- ❑ 提高行业专业人士和公众对SAF的认识

## International Committee of Hydrogen Aviation Power 国际氢能推进委员会

**Purpose and Objectives:** To facilitate the technical exchange among researchers and engineers dealing with hydrogen aviation power, including hydrogen gas turbine, hydrogen fuel cell, hydrogen detection and safety for aviation applications, etc. To map the future development of hydrogen propulsion and contribute to emission reductions.

**宗旨和目标:** 促进氢航空动力研究人员和工程师之间的技术交流, 包括氢气涡轮机、氢燃料电池、航空应用的氢检测和安全等。规划氢推进的未来发展并为减少排放做出贡献。

### Proposed Committee Members/拟任委员会成员:

- ❑ Beihang University/北京航空航天大学 **China**
- ❑ Aero Engine Corporation of **China** /中国航发
- ❑ Commercial Aircraft Corporation of **China** Ltd/中国商飞
- ❑ Tsinghua University/清华大学, **China**
- ❑ National Technical University of Athens/雅典国立科技大学, **Greece**
- ❑ University of Connecticut/康涅狄格大学, **US**
- ❑ Universidade de São Paulo/圣保罗大学, **Brazil**
- ❑ Universidad Politécnica de Madrid/马德里理工大学, **Spain**
- ❑ Seoul National University/首尔大学, **Korea**



## International Committee of Electric Aircraft 国际电动航空委员会

**Purpose and Objectives:** To promote technical advancement, industrial development, international cooperation and talent cultivation in the field of electric aviation, covering aspects of technology, operation, business and airworthiness of electric aviation.

**宗旨和目标:** 推动电动航空领域的技术进步、产业发展、国际合作和人才培养，涵盖电动航空的技术、运行、商业和适航等方面。

### Proposed Committee Members/拟任委员会成员:

- Research units/研究机构
- Colleges and Universities/高等院校
- Manufacturers and suppliers for batteries, flight control systems, motors/电池、飞控系统、电机生产厂家及供应商
- Investment, fund and insurance companies/投资、基金、保险公司

### Business Scope/业务范围:

- Industrial Cooperation and Development/产业合作与发展
- Academic Exchange and Consultation/学术交流与咨询
- Awarding/授奖颁奖
- Standards and Policies Development/标准与政策制定
- Talent Cultivation/人才培养

## International Committee of Sustainable Composites 国际可持续复合材料委员会

**Purpose and Objectives:** To facilitate academic exchanges and scientific and technological cooperation in composite materials, to promote the progress of green composite technology and its application in civil aviation and other fields, to benefit the green and sustainable development of mankind.

**宗旨和目标:** 促进复合材料领域学术交流与科技合作, 推动绿色复合材料技术进步及其在民用航空等领域的应用, 造福人类绿色可持续发展。

### Proposed Committee Members/拟任委员会成员:

- ❑ AVIC Composite Corporation Ltd/中航复合材料有限责任公司 **China**
- ❑ Tongji University/同济大学 **China**
- ❑ HRC Group
- ❑ GW Composites/光威复材 **China**
- ❑ THE UNIVERSITY OF NOTTINGHAM Ningbo China/宁波诺丁汉大学 **China**
- ❑ Dresden University of Technology/德累斯顿工业大学 **Germany**
- ❑ Fraunhofer LBP
- ❑ Fraunhofer ICT
- ❑ Technical University of Munich/慕尼黑工业大学 **Germany**
- ❑ Argosy Composite Advanced Materials LLC./瑞典斯道拉恩索集团 **Sweden**
- ❑ Satys Cabin **France**
- ❑ Stora Enso Ltd./美国雅奇公司 **US**
- ❑ University of Tokyo/东京大学 **Japan**

## International Work Group for Student Case Study 全球学生案例研究竞赛工作组

**Purpose and Objectives:** To increase the awareness of climate change and green aviation development among the youth and establish international friendship among them by conducting the annual global thematic student case study competition.

**宗旨和目标:** 通过举办每年一度的全球主题学生案例研究竞赛，增强青少年对气候变化和绿色航空发展的认识，建立国际友谊。

### Proposed Committee Members/拟任委员会成员:

- ❑ IAGA and CSAA/国际绿色航空学会和中国航空学会 **China**
- ❑ Innovatank/美国创新智库 **US**
- ❑ Upcycling Foundation/美国Upcycling基金 **US**
- ❑ Aerospace Innovation Alliance B&R/一带一路航天创新联盟
- ❑ European Aeronautics Science Network (EASN)/欧洲航空科学网络 **Europe**

### Benefits/权益:

- ❑ To develop problem-solving and analytical skills, enhance teamwork and leadership, build professional networks, gain exposure for students/培养解决问题和分析能力，增强团队合作和领导能力，建立专业网络，为学生赢得曝光度；
- ❑ To identify and nurture the talent, get engaged with innovative Ideas and fresh perspectives, increase professional and academic Reputation for judges and partners/发现和培养人才，参与创新理念和新观点，提高评委和合伙人的专业和学术声誉。

# PROFILE 基本情况

INTERNATIONAL ASSOCIATION  
FOR GREEN AVIATION

## IAGA Exectuive HQ/行政总部



Gaoxin District, Xi'an  
西安高新区秦商国际中心

## IAGA Innovation Hub/科创平台



Xi'an Xixian New Area  
西安西咸新区秦创原翱翔大厦



# ANNUAL EVENTS 年度活动

INTERNATIONAL ASSOCIATION  
FOR GREEN AVIATION

## INTERNATIONAL FORUM ON GREEN AVIATION (IFGA) 国际绿色航空论坛



FRANCE法国/2023



SINGAPORE新加坡/2024



INDONESIA印尼/2024



MALAYSIA马来西亚/2024



GREECE希腊/2024

# ANNUAL EVENTS 年度活动

INTERNATIONAL ASSOCIATION  
FOR GREEN AVIATION

## GLOBAL STUDENT CASE STUDY COMPETITION 绿色航空全球案例研究学生竞赛



The poster for the 2024 IAGA Global Case Study Competition features the IAGA logo at the top left, followed by the text 'INTERNATIONAL ASSOCIATION FOR GREEN AVIATION presents'. The main title '2024 IAGA GLOBAL CASE STUDY COMPETITION' is prominently displayed. Below it, the dates 'SEPTEMBER 28-30th, 2024' and the registration deadline 'REGISTER BY SEPTEMBER 15th, 2024' are listed. The theme 'Leveraging Artificial Intelligence to Make Aviation Greener' is highlighted. A stylized green airplane icon is on the right, and the 'innovatank' logo is at the bottom right, indicating collaboration.

IN COLLABORATION WITH  
innovatank

- 180 Undergraduate and graduate students, forming 50 teams/180名本科生和研究生组成的50支队伍
- 45% from America, 5% Europe, 50% Asia/50%来自亚洲、45%来自美洲、5%来自欧洲
- Top 3 for First Prize, being funded to present during ICGA 2024/前三名的队伍被资助参加ICGA2024大会并汇报



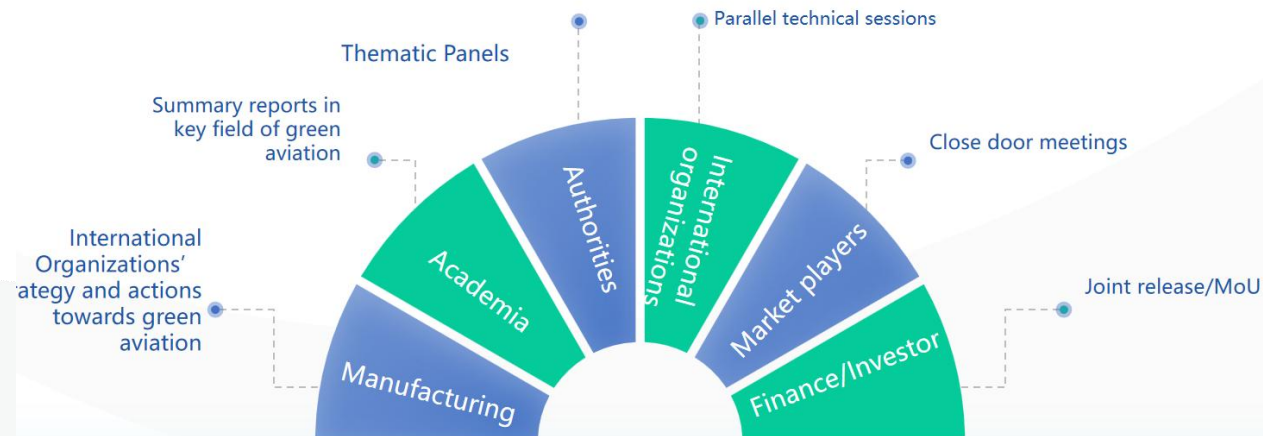


# ANNUAL EVENTS 年度活动

INTERNATIONAL ASSOCIATION  
FOR GREEN AVIATION

## INTERNATIONAL CONFERENCE ON GREEN AVIATION (ICGA) 国际绿色航空发展大会

- Build an eco-system friendly for green aviation development
- Present frontier research and policies on green aviation key subjects—Aero-Power, SAF, eVTOLs, AAM, etc.
- Global collaboration for environmental challenges and innovation
- 构筑利于绿色航空发展的生态系统
- 交流绿色航空关键领域前沿进展及产业政策——航空动力、SAF、eVTOL、低空经济等。
- 倡导通过国际合作，解决航空领域环境挑战并促进创新



## THE FIRST GREEN AVIATION THEMATIC CONFERENCE 国内首个绿色航空主题大会



# ANNUAL EVENTS 年度活动

INTERNATIONAL ASSOCIATION  
FOR GREEN AVIATION

## INTERNATIONAL CONFERENCE ON GREEN AVIATION (ICGA) 国际绿色航空发展大会

- 200 physical delegates+9600 online/ 合计参会近万人
- International organizations' strategy towards aviation decarbonization/国际组织共商航空碳减排
- Summary reports in hydrogen power/light structure/aircraft design/Smart ATM/关键领域综述报告
- New Energy Aircraft Panels/新能源专场讨论
- 1 plenary session+3 parallel technical sessions/主论坛+关键领域分论坛



ICGA2023-HEFEI, CHINA  
首届国际绿色航空发展大会——合肥

# ANNUAL EVENTS 年度活动

INTERNATIONAL ASSOCIATION  
FOR GREEN AVIATION

## INTERNATIONAL CONFERENCE ON GREEN AVIATION (ICGA) 国际绿色航空发展大会

- 1 Plenary Session+9 Parallel Forums/主论坛+9个分论坛
- 130+Speakers from 20 countries/报告嘉宾高度国际化
- 400+5000 online/总参会规模超过5000人



ICGA2024-CHENGDU, CHINA  
第二届国际绿色航空发展大会——成都



# ANNUAL EVENTS 年度活动

INTERNATIONAL ASSOCIATION  
FOR GREEN AVIATION

## ICGA 2024

- ICAS ICCAIA ACI IATA WEF HKSAF APP/航空领域及世界知名国际组织参与其中



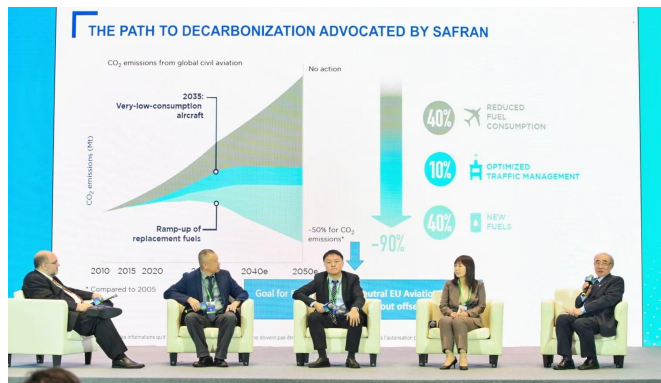
# ANNUAL EVENTS 年度活动

INTERNATIONAL ASSOCIATION  
FOR GREEN AVIATION

## ICGA 2024

### ► Panels/圆桌讨论

#### Panel 1—OEMs



Strategy and actions taken by  
OEMs for Carbon Reduction



#### Panel 2—SAF



Policies and practices for SAF  
Industry Development



#### Panel 3—Electric Aircrafts



Commercialization and  
Airworthiness of E-Aircrafts





# ANNUAL EVENTS 年度活动

INTERNATIONAL ASSOCIATION  
FOR GREEN AVIATION

## ➤ PARTICIPATING ORGANIZATIONS/参与单位

CLEANSMARTSAFEINNOVATIVE

ICGA 2024

THE 2ND INTERNATIONAL CONFERENCE  
ON GREEN AVIATION

ORGANIZATION

Organized by

中国航空学会  
China Society of Aeronautics and Astronautics

IIGA  
INTERNATIONAL ASSOCIATION  
FOR GREEN AVIATION

Hosted by

CEG 成都东部集团  
Chengdu Eastern Group

空港投资  
Kongqiang Investment

北京航空航天大学  
BEIHANG UNIVERSITY

西北工业大学  
Northwestern University

中国民航大学  
China University of Civil Aviation

中国民航飞行学院  
Civil Aviation Flight University of China

合肥工业大学  
HEFEI UNIVERSITY OF TECHNOLOGY

上海交通大学  
Shanghai Jiao Tong University

中国航空学会人工智能分会  
China Society of Aeronautics and Astronautics Artificial Intelligence Branch

中国航空学会电动航空分会  
China Society of Aeronautics and Astronautics Electric Aviation Branch

中国航空学会飞行汽车分会  
China Society of Aeronautics and Astronautics Flying Car Branch

中国航空学会机场运行技术分会  
China Society of Aeronautics and Astronautics Airport Operation Technology Branch

In cooperation with

航空工业西安飞行自动控制研究所  
AVIC XIAN FLIGHT AUTOMATIC CONTROL RESEARCH INSTITUTE

CATHAY

Supported by

ICAS  
CHINESE INSTITUTE OF AVIATION SCIENCES

IATA  
INTERNATIONAL AIR TRANSPORT ASSOCIATION

ICCAIA  
INTERNATIONAL CONFERENCE ON CLEAN AVIATION ASSOCIATION

IARUS  
INTERNATIONAL ASSOCIATION OF RESEARCH UNIVERSITIES IN AVIATION SCIENCES

indire  
INDIAN NATIONAL INSTITUTE OF DIRECT FLIGHT RESEARCH

中国航空学会机场运行技术分会  
China Society of Aeronautics and Astronautics Airport Operation Technology Branch

National Key Laboratory of  
Electromagnetic Informa-  
tion Control and Effects

中国航空学会  
China Society of Aeronautics and Astronautics

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中国航空学会  
China Society of Aeronautics and Astronautics

Participating Organizations (Not Exhaustive)

中国民用航空局  
China Civil Aviation Administration of China

航空工业综合所  
AVIC

中国商飞  
COMAC

中国航空发动机集团  
AVIC

常州航空工业管理学校  
WUZHOU UNIVERSITY OF AERONAUTICS

北京航空航天大学  
BEIHANG UNIVERSITY

Metropolitan College  
METROPOLITAN COLLEGE

METROPOLITAN COLLEGE  
METROPOLITAN COLLEGE

THE HONG KONG  
POLYTECHNIC UNIVERSITY  
香港理工大学

CarbonBlue

AVIAGE SYSTEMS  
阿维杰系统

成都航空  
CHENGDU AVIATION

北京大学  
PEKING UNIVERSITY

GROUPE INSA  
GROUPE INSA

中国航空工业集团  
AVIC

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中国民航航空第二研究所  
THE SECOND RESEARCH INSTITUTE OF CIVIL AVIATION

UNIVERSITY OF  
PLYMOUTH

KINTETSU RAILWAY

SAFRAN

AIRBUS

上海交通大学  
Shanghai Jiao Tong University

Life is On

Schneider  
Electric

天津大学  
Tianjin University

WOLONG  
Power your future

CHANG IZAR

ROYAL AERONAUTICAL  
SOCIETY

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# ANNUAL EVENTS 年度活动

INTERNATIONAL ASSOCIATION  
FOR GREEN AVIATION

THE 3RD INTERNATIONAL CONFERENCE ON GREEN AVIATION IN XI' AN CHINA  
第三届国际绿色航空发展大会—2025年西安/ICGA 2025



STAY TUNED TO [WWW.IAGA-GLOBAL.ORG](http://WWW.IAGA-GLOBAL.ORG)  
敬请关注

# ANNUAL EVENTS 年度活动

INTERNATIONAL ASSOCIATION  
FOR GREEN AVIATION

## ICGA 2025

### Schedule

Oct. 21st: Onsite Check-in  
Oct. 22nd: Plenary Session  
Oct. 23rd: Parallel Forums  
Oct. 24th: Technical Tour

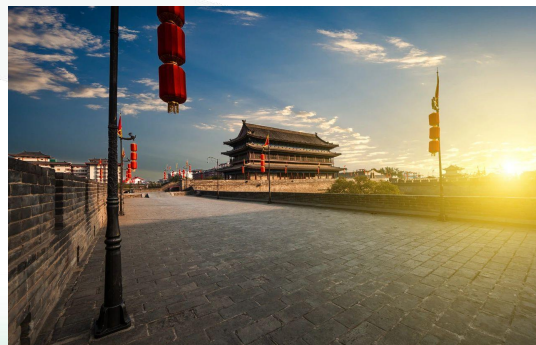
Green Aero-Power Forum  
绿色航空动力论坛

SAF Forum  
可持续航空燃料论坛

Green Aviation Smart Structure and Manufacturing Forum  
绿色航空智能结构与制造论坛

Aviation Digitalization and  
Intelligence Forum  
航空数智化论坛

EVTOL/Flying Car Forum  
eVTOL 和飞行汽车论坛





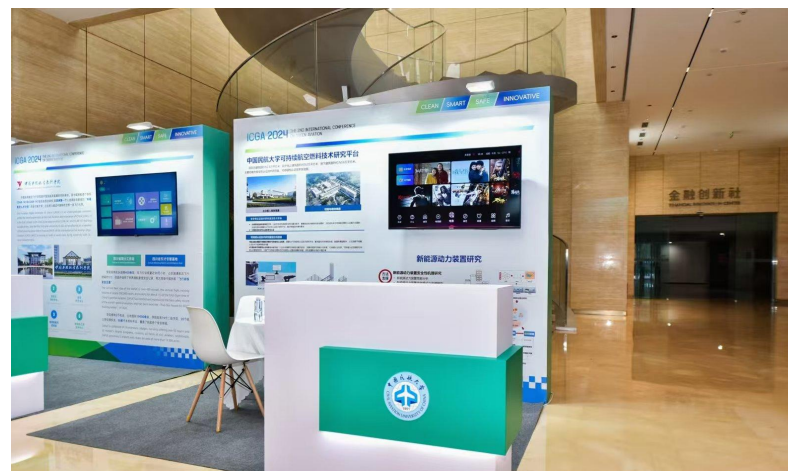
# ANNUAL EVENTS 年度活动

INTERNATIONAL ASSOCIATION  
FOR GREEN AVIATION

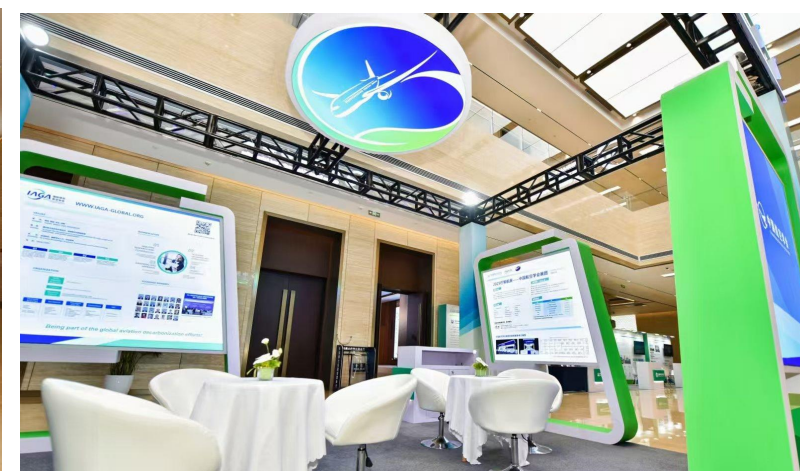
## ICGA 2025



**Speech Opportunities**  
主论坛/分论坛/晚宴等演讲机会



**Exhibition Booths**  
展位



**Business Opportunities**  
商业对接

Sponsorship options ranging from 2,000 to 600,000 RMB with variant benefits. Details will be released on website.  
赞助/合作(联合承办、协办、支持等) 金额从2万元到60万元, 享有不同回报。详情将在官网发布。

**BECOME A PARTNER**  
合作共赢 引领绿色航空发展

# NEXT STEPS/未来工作

INTERNATIONAL ASSOCIATION  
FOR GREEN AVIATION



- ❑ Legal registration/完成注册审批
- ❑ Strategy Development Plan/起草发展战略
- ❑ Internal Regulations/起草组织治理制度
- ❑ Global Partnership/发展全球伙伴关系
- ❑ ICAO/COP Observer Status/争取观察员席位
- ❑ Publications/出版绿色航空发展研究/报告/期刊/专著
- ❑ Green Aviation Index/制定绿色航空指标体系
- ❑ Annual Events/开展年度活动
- ❑ Members Recruitment/广泛发展单位会员
  - Research organizations/国内外航空顶尖科研机构
  - Enterprises/国内外知名企业
  - Universities/国内外知名高校
  - NPO, NGOs/国内外航空领域社会组织



# JOIN US

**CLEAN | SMART | SAFE | INNOVATIVE**

To boost the sustainable development of aviation industry through progress of technology and global cooperation.

**Scan for Corporate Membership Pre-registration**

**扫码进行入会预登记**

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*Stay tuned!*