

A modern glass building with multiple levels and balconies, viewed from a low angle. The entire image is overlaid with a semi-transparent blue filter.

# The Nova Symposium 2024:

"The Net-zero Carbon Transition"

10 – 12 JULY 2024

# Executive Summary

The Nova Symposium “The Net-zero Carbon Transition” brought the vision to action. Collaboration of public and private sectors has made practical action a success.

The Nova Symposium could not happen without these trusts:

- Partnering with OKMD for One-stop Carbon Experts, MQDC for the Forestias Technical Tour, and Siam Piwat for the voice of the demand side.
- Supported by 25 associations and academic institutions.
- Sponsored by 26 key community members.

Achievements:

- Convinced 100 decision and policy makers to commit to pushing forward the net-zero carbon policy.
- 400 experts in building industries shared knowledge.
- 90 truth seekers experienced the real net-zero project.

Impact:

- The Nova Symposium introduced more than 1000 participants to policy, direction, implementation, and the community.
- Feedback from exhibitors and visitors was excellent, and plans are underway to meet again at the next event.





# About The Nova Symposium

"In order to limit global warming to 1.5°C, a crucial milestone is to achieve a carbon emission reduction of over 45% by 2030, ultimately reaching net zero by 2050. At COP28 in the UAE, significant global efforts were outlined to transition away from fossil fuels, triple renewable energy usage, and double energy efficiency by 2050.

During COP28 UAE, 66 countries pledged to the Global Cooling Initiative, committing to reducing cooling-related emissions by at least 68% relative to 2022 levels by 2050. Targets include increasing sustainable cooling by 2030 and improving air-conditioner efficiency by 50% by 2030. The Global Cooling Pledge outlines actionable measures such as passive cooling, energy efficiency strategies, and expediting the phase-down of climate-warming refrigerants.

The building industry, encompassing both embodied and operational carbon, takes center stage. Globally, the building sector contributes around 40% of total carbon emissions, with air-conditioning systems in Thailand alone consuming approximately 60% of total power consumption.

Achieving near-zero emission and resilient buildings necessitates leveraging cutting-edge technology and fostering future innovations. Sustainable cooling strategies, such as passive cooling, can reduce a building's cooling load by more than 25% (World Bank Group, 2020). Energy-efficient technologies like the District Cooling System consume 60 to 80% less power compared to conventional cooling systems (source: strategyand.pwc.com). By minimizing energy consumption and integrating renewable energy, achieving near or net-zero emission buildings is now within reach.

The District Cooling System (DCS) emerges as a vital solution, offering energy efficiency, climate resilience, and cost-effectiveness for reducing greenhouse gas emissions. At a national level, DCS alleviates the demand for power-generation infrastructure and peak capacity. Globally, it has the potential to contribute to 60% of the required energy sector emissions reductions by 2050 (source: unep.org)."

## DINNER TALK



**10 กรกฎาคม 2567 : Dinner Talk**  
@ Avani Sukhumvit Bangkok Hotel

การรวมตัวของผู้เชี่ยวชาญในการพบกับผู้นำและบุคคลสำคัญ  
ผู้กำหนดนโยบายของชาติ เพื่อการบรรลุเป้าหมาย Net-zero ของประเทศ



## INTERNATIONAL CONFERENCE



**11 กรกฎาคม 2567 : Conference Day**  
@ BITEC, GH203

การรวมตัวของบุคลากรสำคัญที่จะมาเรียนรู้ 'Global Experience'  
โดย Speakers ระดับโลกผู้ทำงานด้าน Net-zero ที่เกิดขึ้นจริงแล้วในโลก



## TECHNICAL TOUR



**12 กรกฎาคม 2567 : Technical Tour**  
@ The Forests

พยานโครงการตัวอย่างด้านการพัฒนาและออกแบบอย่างยั่งยืน ที่ The Forests  
พบผู้พัฒนาโครงการตัวอย่างพร้อมทีมงานที่แสดงความสนใจให้ดูและทัวร์โครงการแบบ Exclusive





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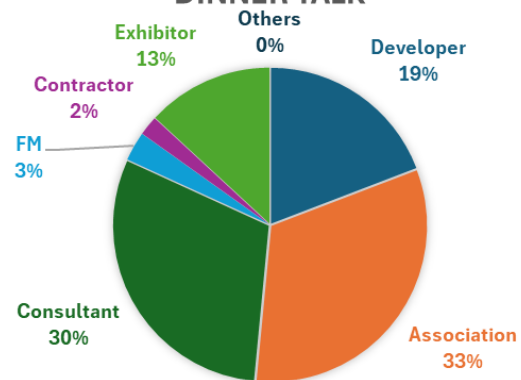




# Participants

Category	Dinner Talk	Conference	Technical Tour
Developer	19	64	27
Association	32	82	6
Consultant	30	101	35
FM	3	19	2
Contractor	2	3	
Exhibitor	13	99	16
Others	0	10	4
	99	378	90

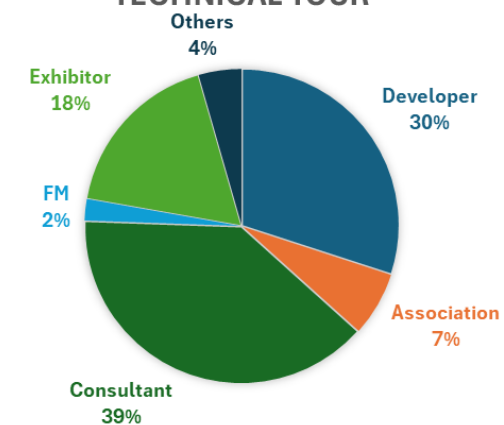
**DINNER TALK**



**CONFERENCE**



**TECHNICAL TOUR**



# Survey

## VISITOR JOINT NEXT EVENT

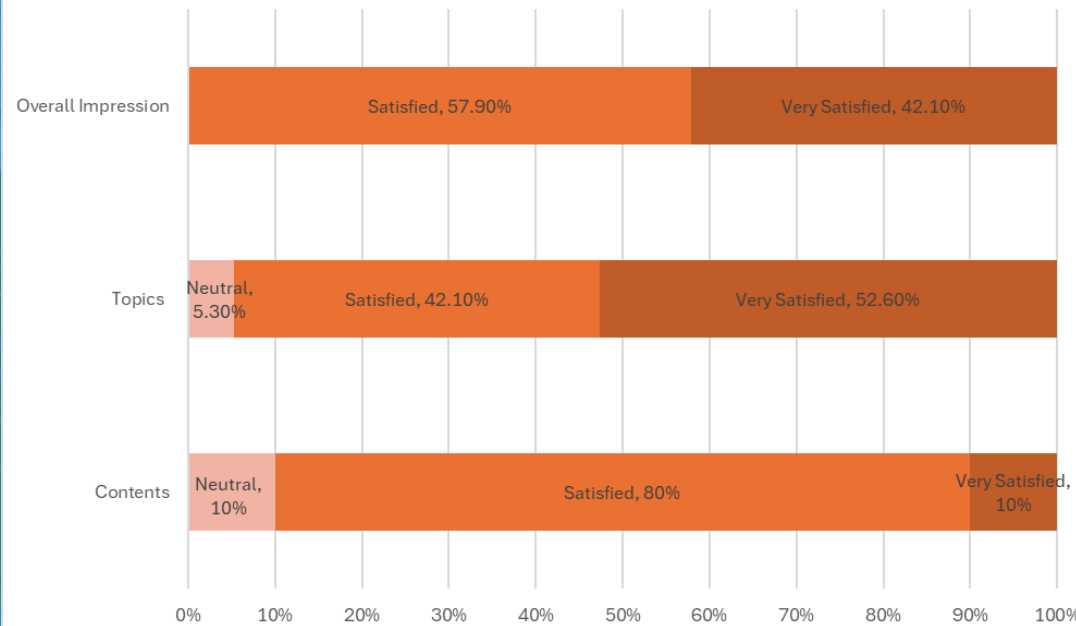


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Visitor Survey



## EXHIBITOR JOINT NEXT EVENT

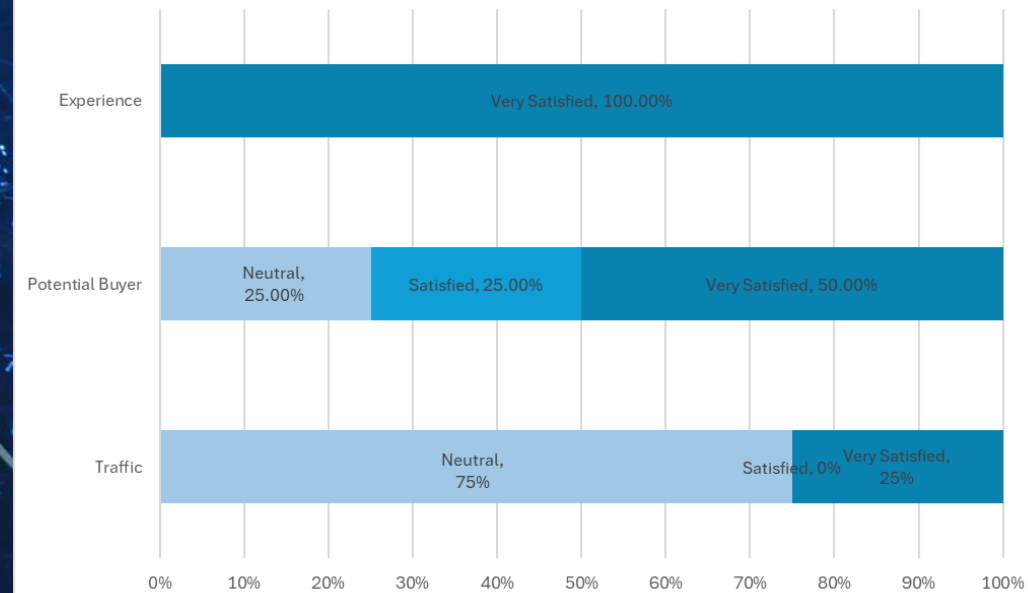


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Exhibitor Survey



# Media

## Facebook



## Website



## Youtube



## Instagram

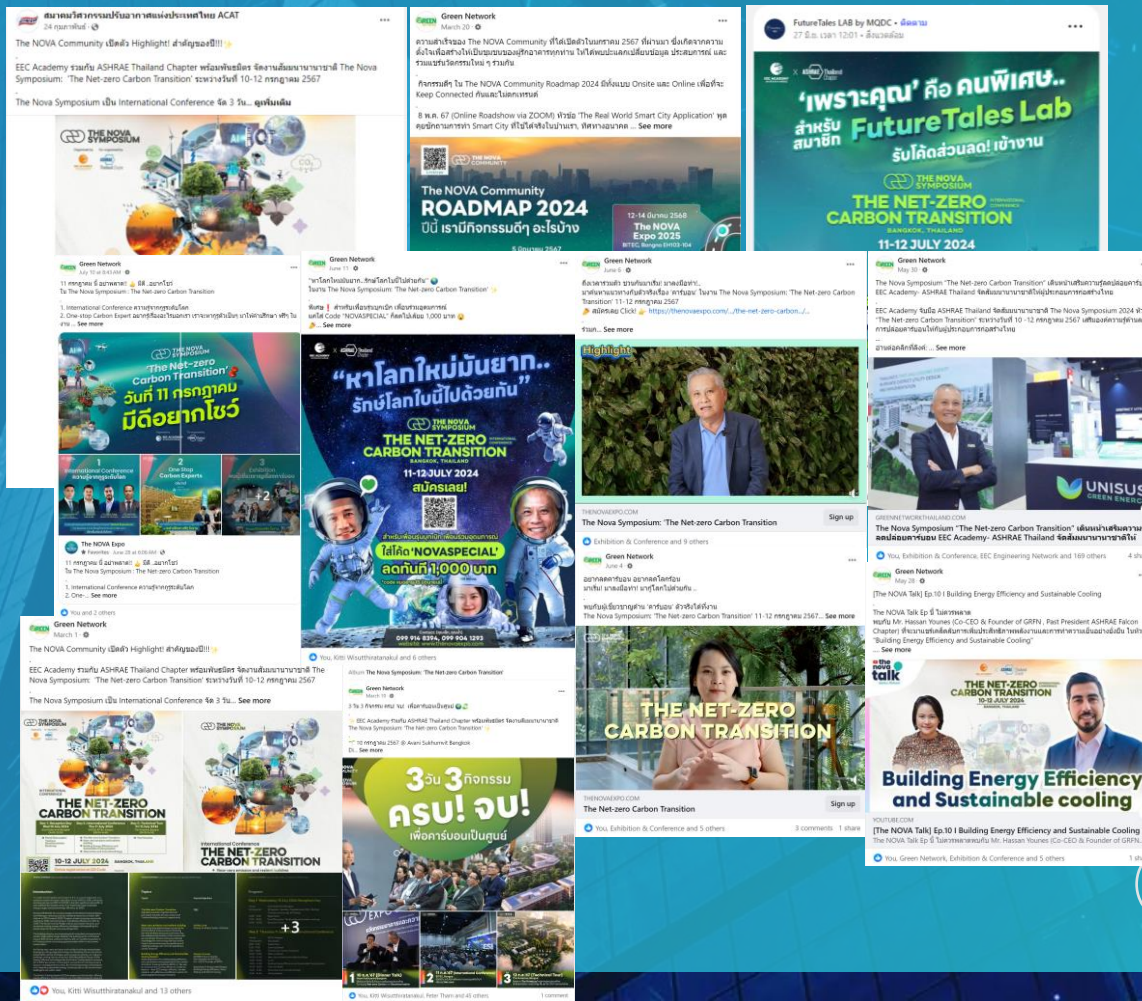


## X (Twitter)



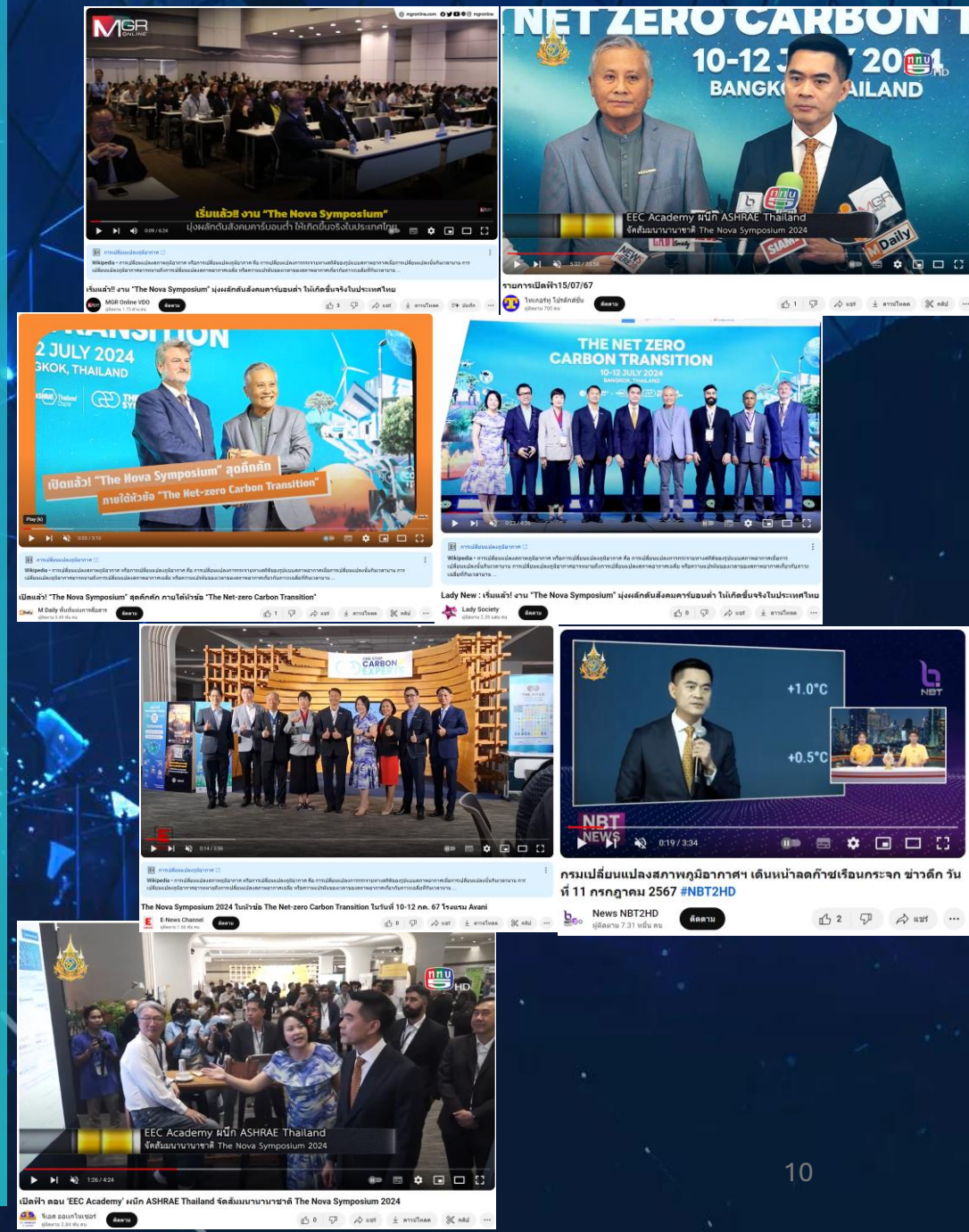
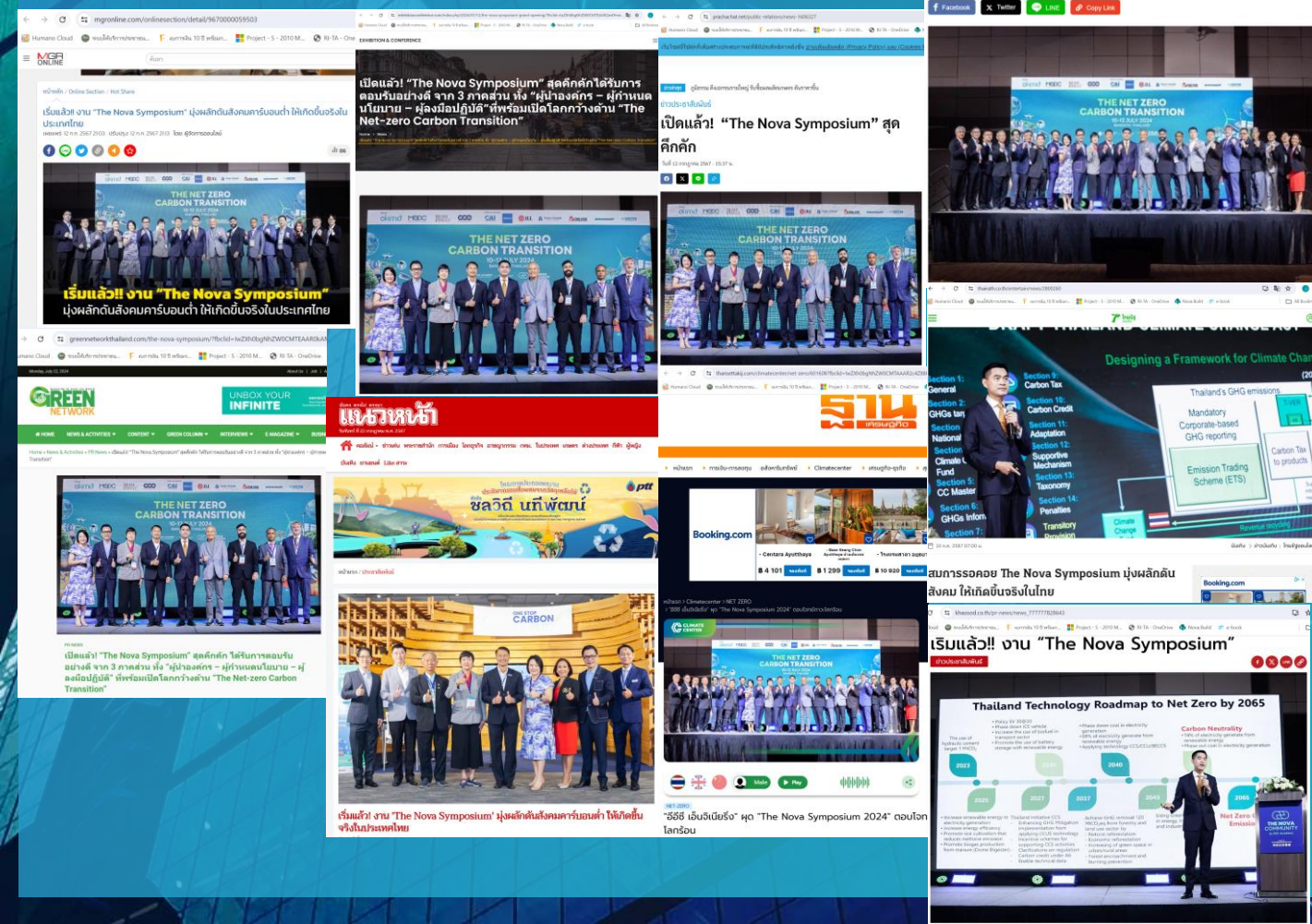


# • Pre-Event PR



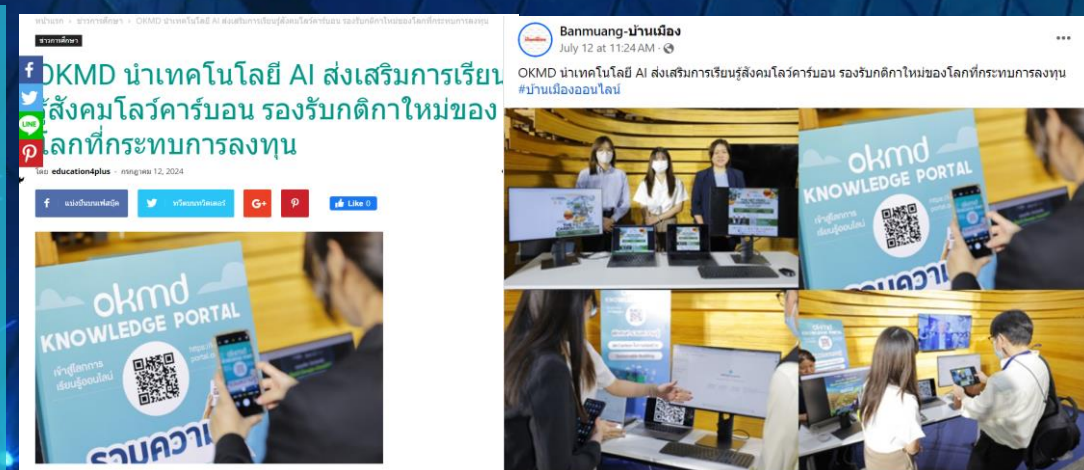


# • Post-Event PR





- Post-Event PR





# • Post-Event PR

