

# Together Toward Net Zero



## Celebrating the first Cohort of the Sustainable Supply Chain Hub's Carbon Reduction Program

The first cohort of the Sustainable Supply Chain Hub (SSCH) Camp, hosted by ISC's SSCH project, successfully concluded at the Low Carbon College of Shanghai Jiao Tong University on July 19, 2025. After three months of hybrid case-based learning and co-creation activities—combining online and in-person sessions—33 sustainability managers presented practical solutions co-developed to address real-world challenges they face in their daily work.



Secretary-General Wang Lei of CN100

A panel of 14 judges—including industry mentors, financial experts, and non-profit leaders—voted to select the top three working groups:

- Battery Recycling Business Model
- Sony Camera Supply Chain Collaboration
- Digital Energy & Carbon Management Platform

## The Power of Together



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## Working Groups

### Battery Recycling Business Model

Recognizing the challenges faced by small, medium-sized suppliers and core suppliers, the group co-developed new business models that make carbon reduction more practical and valuable across the supply chain.

These models include innovative strategies like turning carbon data into financial assets, building early-stage recycling networks, securing customer endorsements, leveraging green finance, and protecting technology with patents.

Using the industrial energy storage sector as a real-world example, the group designed a phased action plan aligned with the European Union's Battery Act. To support this, they introduced a "Carbon Data Chain Workshop" which would help break down data silos, build trust, and create shared value across the supply chain.

### Sony Camera Supply Chain Collaboration

To support real-world carbon reduction in supply chains, this working group identified key challenges and co-developed practical solutions to make logistics more efficient and climate-friendly.

Using Sony's mirrorless camera as a case study, the team redesigned the logistics system by optimizing delivery routes, switching to cleaner transportation, cutting down on empty trips, and using more sustainable packaging. The result of this exercise was an estimated 2,790 tons of CO<sub>2</sub> reduced each year.

Beyond this single case, the group also developed longer-term strategies to help more companies build greener, low-carbon logistics systems that work in real-world settings.

### Digital Energy & Carbon Management Platform

Tackling the challenges of traditional energy management, the group co-designed a digital platform to help factories track energy use, identify energy-saving opportunities, and prioritize carbon reduction projects based on cost and impact. This will support companies in setting achievable carbon reduction goals at each stage of their journey.

Building on this foundation, the group expanded the platform to integrate both energy and carbon data, making it easier for companies to connect with carbon markets, manage supply chain emissions, and generate carbon footprint and ESG reports with just one click.



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Expert Session: Speech and Reflections

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“As we transition from the 14th to the 15th Five-Year Plan and approach the 2030 carbon targets, let us turn the sparks of these three months into the embers that sustain us over the next five years.”

—Li Xuesong, Energy and Sustainability Manager, Yanfeng Automotive

Dr. Pan Tao, ISC's China Director, and Secretary-General Wang Lei of the CN100, the Shanghai City Initiative for Supply Chain Carbon Neutrality, delivered the opening and closing remarks.

“I've never attended a training program with such a high mentor-to-participant ratio. I'm especially grateful to my peers for sharing so many real-world cases that demonstrate how sustainable business can lead to win-win outcomes.”

—Gong Wanbin, Founder and CEO, Yimiyi (Carbon Digitalization Platform)

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Eighty-five percent of participants indicated that the training camp content significantly supports their companies in setting carbon reduction targets and developing actionable implementation plans. Ninety percent of participants found the co-creation program model applicable for engaging upstream and downstream partners to advance Scope 3 carbon reduction across the supply chain. ISC will continue to organize future cohorts to catalyze Scope 3 carbon reduction projects. CN100 has also expressed a strong interest in deepening its collaboration with ISC to accelerate systemic change toward carbon neutrality.

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