



2021

Review

China Environmental United
Certification Center

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GREETINGS

At the beginning of 2022, China Environmental United Certification Center (CEC) wishes a great start to you all and have a safe & fruitful new year.

2022 is the 20th anniversary of CEC. With the strong support of partners, CEC staff has been working hard to sustainable development, with providing technical support to the decision making of the government, solutions to industries for green transition, and certification to ecolabeling products for manufactories and consumers. In addition, CEC has been carrying extensive international cooperation and exchanges and contributed Chinese wisdom to both regional and global sustainable development.

We would like to invite all friends to review our progress of 2021 and appreciate a lot for your cooperation. The Chinese Lunar New Year (the year of tiger) is around the corner, we wish you good health, good luck and much happiness throughout the year of tiger. And sincerely welcome you all to our celebration activities of the 20th anniversary in 2022.

Xiaodan Zhang
General Manager of CEC

01 Events

International Symposium on Green Public Procurement under the Vision of Carbon Neutrality & 15th Anniversary of Government Procurement on Environmental Labelling Products held in Beijing



“The International Symposium on Green Public Procurement under the Vision of Carbon Neutrality & 15th Anniversary of Government Procurement of Environmental Labelling Products” was held in Beijing on November 30, 2021 to summarize experience and explore GPP contributions to climate change. This meeting was hosted by the Environmental Development Center of the Ministry of Ecology and Environment (EDC) and organized by China Environmental United Certification Center (CEC). Government officials from Ministry of Ecology and Environment (MEE), Ministry of Finance (MOF) and State Administration for Market Regulation (SAMR) as well as the representatives from international organizations such as UNEP, Delegation of the European Union to China, ICLEI, GEN and IGPN were invited to attend the meeting.

Government procurement on environmental labelling products has reached 1.3 trillion Yuan RMB over the past decade. In 2020, the sum of government procurement of environmental labelling products was 81.35 billion Yuan RMB, taking up 85.5% of the same type products. And the amount of product models has increased from 856 in 2006 to 1 million now, covering over 90 categories of products compared with 14 categories in the beginning.



With great performances over the past five years, GPP has played a positive role in pollution reduction, namely 149 thousand t VOC reduction for office furniture, 1.719 million t CO₂ reduction for computer and laptop.

The experts had reached consensus that as an important approach to regulate micro economy and protect the environment & climate, GPP with strong demonstration effect is conducive to guide and mobilize more policies and financial supports to green and low-carbon development in China.

For more information, please check CEC website: <http://en.meecec.com/news/cecnews/2022/7722.shtml>

01 Events

The inaugurating meeting of Sustainable Consumption and Production Committee of Chinese Society for Environmental Sciences held in Beijing



With the aim to promote sustainable consumption and production, the Sustainable Consumption and Production Committee of Chinese Society for Environmental Sciences (CSES-SCP Committee) was initiated and established by the Environmental Development Center of Ministry of Ecological and Environment (EDC). China Environmental United Certification Center (CEC) serves as the secretariat on behalf of EDC.

The inaugurating meeting of the CSES-SCP Committee was held on May 21st, 2021. At the meeting, the structure of committee was approved, and 38 experts from research institutes, associations, universities and enterprises attended. By the end of 2021, 42 experts were involved in the committee.

CSES-SCP Committee will greatly facilitate green consumption and production, and provide strong support to environmental pollution prevention and control. With the establishment of CSES-SCP Committee, EDC/CEC will focus on core issues of environmental protection on green, low carbon and circular development in the new phase of the “14th Five-Year Plan for National Economic and Social Development”, and work groups focusing on plastic packages, lead accumulator, zero waste city, green painting and sustainable wood products will be organized in 2022.

For more information, please check CEC website:
<http://en.meecec.com/news/cecnews/2021/6314.shtml>



02

China Environmental Labelling

Environmental performances

The environmental performances are based on the emission reduction statistic data of CEL certified products in 2020.

| Type | Pollution factor | Reduction in 2019 | Reduction in 2020 |
|-------------------------------|-------------------------|--------------------|--------------------|
| Air pollution | VOCs | 805500 t | 910300 t |
| | NOx | 29000 t | 21700 t |
| | SO2 | 7600 t | 5700 t |
| | CO2 | 6537500 t | 4890300 t |
| Water pollution | TP | 5297 t | 6755 t |
| Solid waste & hazardous waste | Plastic waste | 5026.6 t | 6941.5 t |
| | Mercury | 10.998 t | 8.892 t |
| Energy saving | Electricity | 19403 million kW•h | 23511 million kW•h |
| Resource saving | Water | 253353000 t | 312405100 t |
| | Plastics | 9520 t | 146100 t |
| | Industrial waste | 3141800 t | 5208800 t |
| | Reduce pulp consumption | 1490400 t | 828600 t |
| | Toner/Ink cartridge | 2217700 | 1402400 |

109

Criteria

4722

Licensees

11476

Certificates

More than 300

Product categories

Over 1.5 million

Certified products

628 billion USD

Annual output value

| Certification | Licensee | Certificate |
|---------------|----------|-------------|
| 2020 | 4408 | 10284 |
| 2021 | 4722 | 11476 |
| Increase | 7% | 12% |



02

China Environmental Labelling

GEN Activities

As GEN full member, CEC participated in GEN strategy development and activities and contributed experience and ideas.

- CEC General Manager, Ms. Xiaodan Zhang as a Board Member, performed her duties to participate in the board meetings to discuss GEN activities, and completed GENICES peer review for Green Product Mark Scheme of TUV, worked with other Board members to lead the cooperation of the sub-committee members.
- CEC joined several sub-committees to discuss and conduct activities such as member cooperation, communications and database pilot.
- To celebrate 2021 World Ecolabel Day, CEC conducted promotion activities including Ecolabel Day Campus Activity, Video Contest, posters, social media and workshops. CEC also translated GEN campaign video to Chinese version for publicity. These activities attracted the attention of nearly 30,000 readers in social media such as WeChat, Weibo, and website. The final award of video contest will be released recently.



Ecolabel Day Poster and Video Contest



Chinese Version campaign video



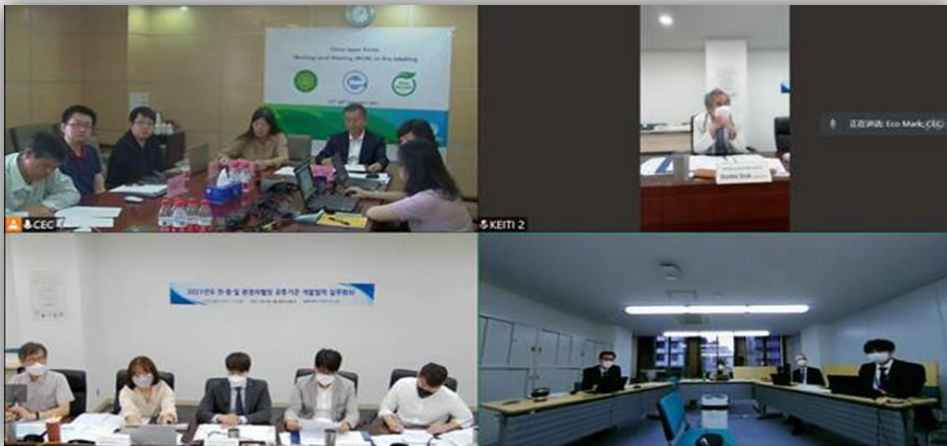
02

China Environmental Labelling

Multilateral Cooperation



The Development of China-Japan-Korea Common Core Criteria (‘Finishing Materials for Wall or Ceiling’)



2021 China-Japan-Korea Tripartite Working Meeting on Environmental Labelling (WLM) was held on September 27th-28th. The environmental labeling bodies of China (CEC), Japan (JEA) and Korea (KEITI) gathered at an online meeting to discuss expanding the foundation of mutual recognition system, including the development of new CJK (China-Japan-Korea) ecolabel common core criteria.

At this meeting, 5 harmonized elements of the common core criterion “Finishing Materials for Wall or Ceiling” were finally identified. After the meeting, the agreement of common core criteria was signed in November. This is the 13th CJK common core criteria as of 2007, and “Wall Paper” was identified as the proposed common core criterion for 2022.

Over the past decade, 13 CJK common core criteria for environmental labeling products have been developed such as computer, printer, painting, furniture and printing ink. They have contributed to enhancing export channels for certified companies and the market for eco-friendly products in Northeast Asia.

For more information, please check CEC website:
<http://en.meecec.com/news/cecnews/2021/7623.shtml>



02

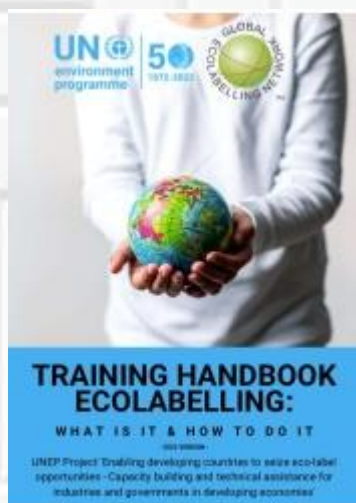
China Environmental Labelling

UNEP CI-SCP program



One planet
inform with care

CEC was approved to be MAC member of UNEP One Planet Network Consumer Information for SCP Programme for 2021-2022. As a MAC member, CEC actively shared relevant experience and participated in several work groups such as extension of product lifetime, Type I ecolabel, and guideline for providing sustainable information. At the last MAC meeting of 2021, CEC reported progress of China Environmental Labelling Program.



Ecolabel training project

CEC joined the Ecolabel Training Project jointly developed by GEN and UNEP, and General Manager Ms. Xiaodan ZHANG expounded the linkage between ecolabel and green purchasing as an expert.

Providing reference

To better understand and promote sustainable consumer information, CEC has translated some CI reports into Chinese such as Consumer information tools and climate change, degradable plastic, and policy instruments on product lifetime extension.





UNEP SPP program



One planet
procure with care

As the Co-lead of SPP Program, CEC worked with UNEP, ICLEI and the Netherlands partner (Ministry of Infrastructure and Water Management) aiming at promoting and accelerating global implementation of the SPP in order to enhance sustainable consumption and production pattern.

SDG12.7.1 Data Collection for national and sub-national governments reporting

UNEP has initiated the first collection of data from national and sub-national governments reporting their implementation, as custodian of the **Sustainable Development Goal 12.7.1 indicator “Number of countries implementing Sustainable Public Procurement policies and action plans”**.

CEC submitted a written report on government procurement of China Environmental Labelling products in accordance with UNEP methodology. The analysis results show that China ranks level 2 with other 13 countries including Germany, Denmark, Norway, Japan and South Korea etc.

2021 Global Review of Sustainable Public Procurement

UNEP published the 2021 **<Global Review of Sustainable Public Procurement (SPP)>**, a report aims at providing an overview of the progress in SPP implementation at global level and highlighting the most prominent issues and trends of SPP.

CEC submitted the questionnaire for 2021 Global Review of SPP, which mainly included the brief progress of China GPP, relevant standards and certifications of China Environmental Labeling products, performance evaluation, implementation effects of China GPP policies as well as relevant knowledge and experience.



03

Green Procurement

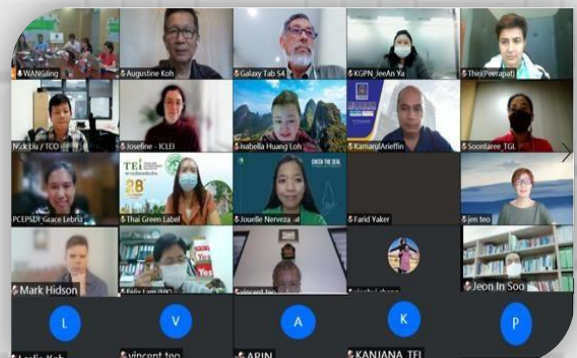


Activities on IGPN

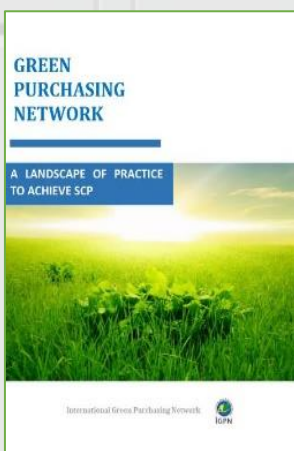
CEC continuously served as the Secretariat to promote IGPN development under strong support of IGPN members and its council. With increasing activities, IGPN has showcased stronger image and voice in international communities and endorsed new edition of UNEP Sustainable Public Procurement Implementation Guidelines.

IGPN Webinar held to active collaboration

CEC organized 2 webinars to discuss the latest development, research report and IGPN work plan. Some experts from special industries were invited to share their SPP study findings.



IGPN released a report on green purchasing for SCP



The IGPN released the report “**GREEN PURCHASING NETWORK-A Landscape of Practice to Achieve SCP**” in 2021. With typical cases of IGPN members at market, private sector and public levels, this report identifies the nature, function and best practice of Green Purchasing Network as well as its contributions to SCP.

The investigations on environmental-friendly product/service and Green Purchasing to Tackle Climate Change is under way and the findings will be released in 2022.

03 Green Procurement



Asia Pacific Green Public Procurement (GPP) Network



Asia Pacific Green Public Procurement (GPP) Network

UNEP and KEITI jointly initialed a project aimed at strengthening the capacity of national governments in implementing GPP via the establishment of a collaborative regional network in 2021. This new network builds on the former Asia Pacific GPP and Eco-labelling Network (2013-2016) and engages a wide spectrum of key stakeholders to ensure broad dialogue and cooperation.

CEC superior authority, the Environmental Development Center of the Ministry of Ecology and Environment (EDC) was invited to join the Asia-pacific GPP Network as a core group member and CEC undertakes the implementation work.

Sharing China Experiences



Asia Pacific Green Public Procurement (GPP) Network First Meeting

CEC was invited to share China GPP experiences at the first meeting of Asia Pacific GPP Network, with introducing the history, practical experience and achievements of government procurement of China Environmental Labeling products. She also identified potential challenges of performance evaluation methods for GPP implementation targets concerned by members of the meeting.

More than 20 core group members from the Philippines, Cambodia, India, Indonesia, Burma, Thailand and Sri Lanka attended the meeting.



04 Low Carbon Business



CEC provided support for the Carbon Neutrality Special Session of Tencent Digital Ecosystem Summit in 2021. This summit is an annual event with the highest level, largest scale and widest coverage in Tencent Group.

Ms. Xiaodan Zhang, General Manager of CEC attended hot topic meeting focusing on transitional opportunities and challenges for enterprises, green and low carbon lifestyle and good emission reduction practice and so on. Furthermore, CEC, Tencent and Hubei Carbon Emissions Trading Center have signed a cooperation agreement to establish the “Public platform for digital and low carbon lifestyle”.



Ant Group, which is affiliated to Alibaba announced on March 12, 2021 that it will achieve carbon neutrality by 2030 and plan to leverage tech innovations to reduce emissions.

To honor its commitment to carbon neutrality in a credible and transparent manner, Ant Group entrusted CEC as an independent certification body with CDM DOE qualifications, to provide scientific verification for its target.

Meanwhile, Ant Group will cooperate with CEC to launch a carbon neutrality implementation guide for the fintech industry, which will promote low carbon actions of digital finance companies.

CDM DOE qualification re-accreditation review



An assessment team of CDM experts appointed by the Executive Committee of UNFCCC conducted a re-accreditation for the CDM DOE qualification of CEC in early November of 2021.

The team finally concluded that CEC has complied with all relevant requirements for CDM DOE and kept the qualification after serious and thorough examination.



The certification of forestry carbon sequestration for Beijing 2022 Winter Olympic Games passed expert evaluation

Entrusted by the Beijing Organizing Committee for the 2022 Olympic and Paralympic Winter Games (BOCOG) CEXC has conducted carbon management assessment and carbon neutrality assessment for the Games since 2017.

As a third party certification body, it had assessed the carbon sink, carbon emission management and sustainable ecological improvement projects of the Beijing Winter Olympic Games (with Beijing and Zhangjiakou as two venues), which have strongly promoted the realization of the carbon neutrality goal of the Beijing 2022 Winter Olympic Games.

碳中和证书 Carbon Neutral Certificate

证书编号: CEC-2021-CN-E-0003-1

申请方:
第十四届全国运动会组织委员会
全国第十一届残运会暨第八届特奥会组织委员会

依据:

中环联合(北京)认证中心有限公司(CB)依据PAS2060:2014/The Carbon Neutral Protocol和《大型活动碳中和实施指南(试行)》实施碳中和评价,结果如下:

第十四届全国运动会、全国第十一届残运会暨第八届特奥会在赛事筹备和举办期间产生约165833 tCO₂e温室气体排放,通过植树造林及使用足量的中国温室气体自愿减排(CCER)项目和中国核证减排量(VCS)项目减排量进行抵消,实现了碳中和。在排放量计算中没有发现实质性的错误陈述。

具体信息如下:

| | |
|-------------------|---|
| 温室气体排放量 单位:吨当量 | 15014044-1, 2018 |
| 中和范围 | 赛事筹备和举办期间产生的温室气体排放 |
| 温室气体排放量 | 165833 tCO ₂ e |
| 减排项目 | 项目1: 林业碳汇项目 项目2: 中国温室气体自愿减排(CCER)项目(备案号0138) 项目3: 中国温室气体自愿减排(CCER)项目(备案号0144) 项目4: 中国温室气体自愿减排(CCER)项目(备案号0131) 项目5: 核证减排量(VCS)项目(备案号666) (详细项目信息见附表) |
| 信息链接 | 第十四届全国运动会、全国第十一届残运会暨第八届特奥会碳中和信息披露平台:中国环境发展中心“碳中和信息平台”,网址: http://www.cnec.org.cn |

中环联合(北京)认证中心有限公司
颁发日期: 二〇二一年十二月三十一日
中环联合(北京)认证中心有限公司
<http://www.cnec.org.cn>



CEC completes carbon management assessment of the 14th National Games of the People's Republic of China

Entrusted by the Organization Committee of the 14th National Games & 11th National Games for the Disabled of the People's Republic of China, CEC carried out the carbon management assessment of these big events.

CEC has compiled the Report on Verification of Forestry Carbon Sink Measurement and Carbon Management Assessment Report respectively.

CEC has conducted carbon neutrality assessment for the events based on rules such as PAS2060:2014/The Carbon Neutral Protocol and Guidelines for Implementation of Carbon Neutrality of Big Events. It has confirmed that the 165833 t emissions of CO₂ equivalent generated during the preparation and operation of the games had been neutralized by afforestation and enough reductions of CCER project and VCS project; and carbon neutrality had been achieved.

05

New Business



**CEC logo
voluntary
certification**

To help enterprises achieve green transition and upgrading, CEC developed 10 new CEC logo criteria for voluntary certification in 2021.

According to classification of CEC logo, these new businesses include Environmental friendly product, Eco product and Low VOCs product.

The product categories include plastic packaging, network firewall, furniture, ink, painting and adhesive and so on.

CEC logo voluntary Certification is developed by CEC responding demands of markets and clients and more flexible and quick. It's also the extension and supplement for China Environmental Labelling program .

TRAFFIC
the wildlife trade monitoring network

**Cooperation on
Sustainable Wood Forest
Products**

CEC and TRAFFIC China Office reached cooperation to promote sustainable forest management in the field of reducing unsustainable forestry operation and illegal timber trade. This cooperation will focus on procurement guideline development, relevant staff capacity building and public sustainable consumption leading etc.





THANKS

**Win-win
Cooperation**