

ANNUAL REPORT

JUL 2015 - JUN 2016

OUR AIR. OUR HEALTH.



Clean Air Network is an independent NGO that encourages the public to speak out about the health impacts of air pollution.

BOARD OF DIRECTORS

Chairman & Treasurer : Mr. Stephen Wong

Secretary : Dr. Anthony Ng

Board Members : Ms. Lindy Lek, Ms. Joanne Ooi, Mr. Markus Shaw, Mr. Simon Ng

Advisor: Ms. Lisa Genasci

Accelerated awareness and a sense of urgency for tackling air pollution have continued to be under the global spotlight, thanks to the joint efforts of organizations, academia, corporations, media and governments worldwide.

Here in Hong Kong, we have seen a sustaining momentum for the clean air movement, of which – we are proud to say – Clean Air Network (CAN) is in the forefront, creating community engagement campaigns to raise public awareness about air pollution, and in actively lobbying for substantial changes.

At Clean Air Network, we are delighted to share with you the efforts the organization, and all the important milestones we have achieved during the fruitful period of 2015-2016.

We are particularly proud of two phenomenal successes in reducing ship emission and roadside pollution.

CAN helped to shape the government’s policy to mandate fuel switching at berth. With effective from July 2015, according to official statistics, the air quality of the affected area has been significantly improved. Hong Kong thus became the first city in Asia to adopt this measure, which not only helps ensure that people in Hong Kong enjoy better air quality; it also sets an example for the Pearl River Delta.

Roadside air pollution has remained one of the biggest threats to public health and living quality, especially to those who work, live and commute by the roadside. CAN successfully initiated public discussion on one of the root causes – over reliance of motorized vehicle and one of our key campaigns is to transform Des Voeux Road Central (DVRC), a pivotal area in the Central Business District of Hong Kong, into people-first pedestrian and tram precinct with clean air and multifunctional public space. Thanks to the team’s tireless effort, we have spearheaded and escalated the movement to a new level with even wider public support.

We have made progress, but there is more to be done before our vision is achieved. Previewing the upcoming 12 months, we will step up the efforts on minimizing the public exposure to roadside air pollution, and strengthen collaboration with different sectors across disciplines.

Each of us has a role to play, and we owe a duty to present and future generations to contribute for cleaner air and better life.



STEPHEN WONG
Chairman



PATRICK FUNG
Chief Executive Officer

OUR STRATEGIES

BUILD KNOWLEDGE



We build knowledge and understanding among experts and the public.



COLLABORATE STRATEGICALLY

We identify, connect and amplify the resources of stakeholders both in Hong Kong and worldwide. A strong network is formed.

ADVOCATE SOLUTIONS



We work constantly to find and advocate the sustainable solutions for the future that our government can put into action today.

OUR FOCUSES



POLICY AND RELATED ISSUES

1 Jul 2015

Successful Plead For Implementation Of Fuel Switch At Berth In Hong Kong

CAN helped to shape the Government's policy relative to fuel switching at berth. Together with other concerning organizations, we have successfully urged the Government to impose a 0.5% sulphur limit on vessel fuel used by ocean going vessels (OGVs) while at berth in Hong Kong. Hong Kong thus became the first city in Asia to adopt this measure.

1 Sept 2015

Result announcement of the Air Quality Survey of Subdivided Flats

A questionnaire survey done whilst visiting over 44 households living in subdivided flats with the Concerning CSSA and Low Income Alliance, revealed that the concentration of PM_{2.5} in 20% of the surveyed flats have far exceeded the recommended air quality levels set by the World Health Organization. The announcement aroused further awareness of the impact of air quality on underprivileged.



26 Sept 2015 "Green City in Kowloon East" Forum

Ms. Winnie Ho, Deputy Head of the Energizing Kowloon East Office, and Dr. Peter K. K. Louie, Senior Environmental Protection Officer of the Environmental Protection Department, were invited to share their opinions on shore electricity and traffic regulations with



representatives of political groups and residents of Kowloon East, as well as plans to improve air quality and traffic congestion in the region.

28 Nov 2015 Global Climate March

Clean Air Network and many environmental groups responded to Global Climate March with 350HK, elevating Hong Kong society's awareness to the global warming crisis.





7 Jan 2016 Monitoring Action Along Marathon Race

Since 2013, CAN has initiated the “Run and Measure” action every year to monitor air pollution along the urban race route of one of the most popular marathon events in Hong Kong. With the support of passionate runners, the action generated substantial media exposure and aroused runners’ concern on air quality. In 2017, for the first time, the event organizer has partnered with a local University to record and announce level of air pollution for the health benefits of the runners.



28 Jan 2016 Response to Ombudsman Report

The Office of the Ombudsman released a direct investigation report, which pointed out the ineffective coordination between Environmental Protection Department and Transport Department.

Clean Air Network echoed to the report findings, and emphasized our concerns on lack of substantial improvements on roadside pollutions as a result.

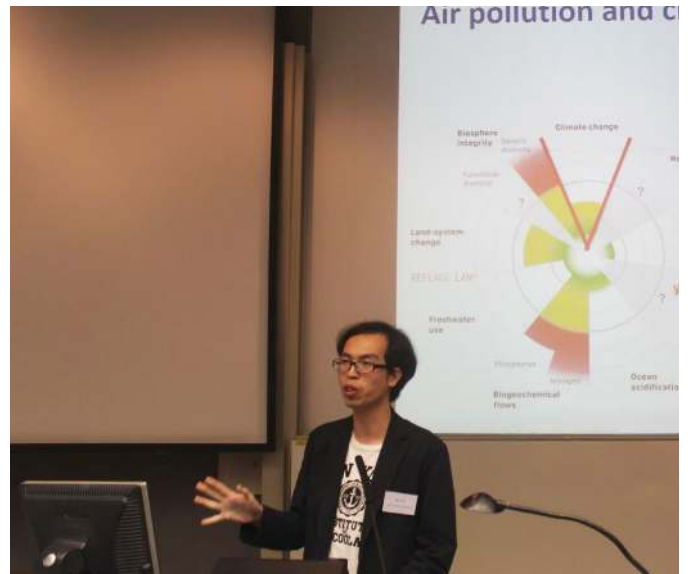
18 Mar 2016 Electronic Road Pricing Proposal Submission to the Transport and Housing Bureau

CAN made written submission to emphasize the importance of “Polluters-pay principle” which should be adopted in the Government’s proposal of Electronic Road Pricing Pilot Scheme in Central and its Adjacent Areas.

Besides, complementary measures are required to ensure successful implementation of the Scheme. Specifically, CAN urges the government to improve walkability in Central area.

30 Mar 2016 Response to Government's release of Work Plan of the Review of Air Quality Objectives

Requesting the government to urgently tighten air quality index levels to parallel with World Health Organization's standards, with public health protection as the most important consideration.



25 Apr 2016 Zero Carbon Inno-Day: Sustainable Living 2016

Clean Air Network was invited to attend the forum, sharing the interrelationship between Hong Kong traffic, the urban heat island effect and issues of air pollution, hoping to raise public concern on air pollution and climate change.

Jun 2016-Ongoing Joining the AQO Review Working Group

As part of the process to review Air Quality Objectives, which CAN has advocated since established in 2009, CAN representatives were appointed to join the Air Science & Health and Road Transportation working sub-groups. One of the main objectives of the Road Transportation Sub- group is to identify new practicable air quality improvement measures for road transportation, whereas the Air Science

& Health Sub- group is responsible for reviewing the latest development on air quality standards and the health effects of air pollution.





6 Jun 2016 Building an Age-Friendly Community Program

A site visit was conducted at Lei Chung Uk Estate with the Sham Shui Po District Council members, researching on people-centric approach to planning guidelines, such as restricting speed limits to 30 and widening pedestrian footpaths, aiming to reduce driving and roadside pollution to safeguard the health of the elderly.

23 Jun 2016 Concern on Air Pollution Caused By Fires in Mini-Storage Units

Smoke from the mini-storage's deadly blaze in Kowloon Bay is a severe health hazard to nearby residents. Clean Air Network measured the PM_{2.5} concentration of the vicinity, which turned out to have exceeded World Health Organization's standard by 80 times, immediately urging the government to alert the public on how to protect their health.

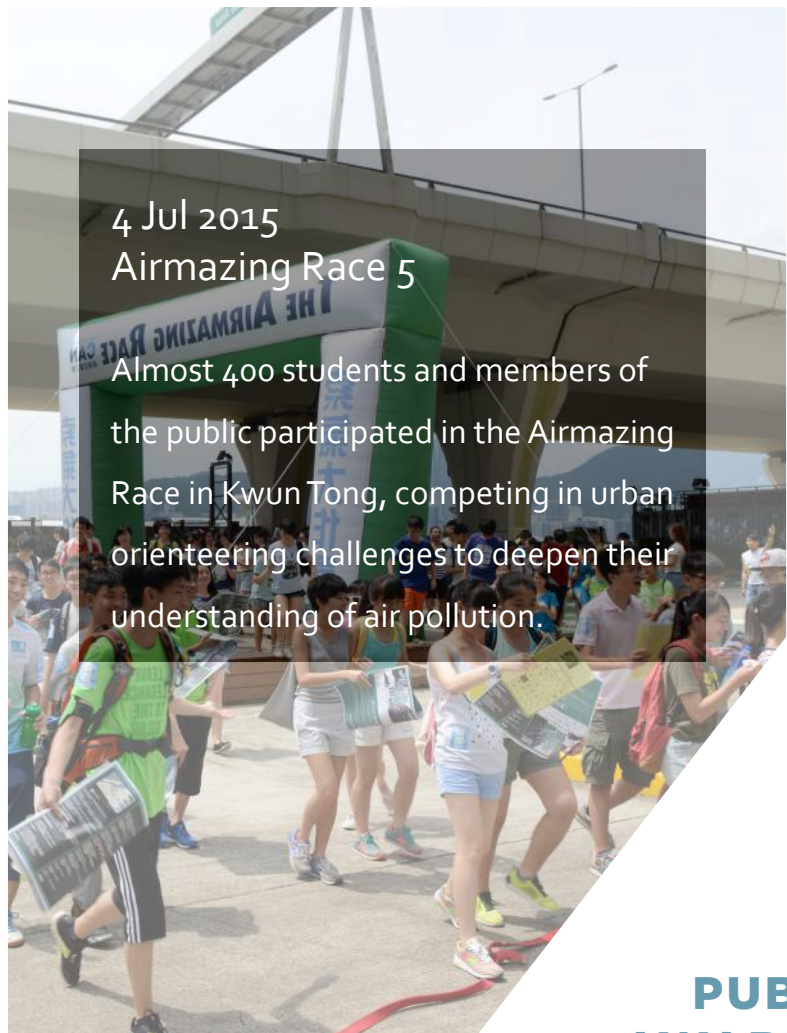


23 Jun 2016 Ship Emission Petition Initiative

Taking the opportunity of the almost century-old Norwegian ship visiting Hong Kong, a petition campaign was initiated, advocating for the government's concern on public health, which is still endangered by maritime pollution, and to legislate an Emission Control Area in Hong Kong as soon as possible, where vessels must use low sulphur fuel (0.5% sulphur limit) when entering Hong Kong waters.




COMMUNITY ENGAGEMENT



4 Jul 2015
Airmazing Race 5

The image shows a group of people participating in an orienteering race. They are wearing green and white athletic gear and holding maps. The background features a large banner for 'THE AIRMAZING RACE 5' and a building structure.

Almost 400 students and members of the public participated in the Airmazing Race in Kwun Tong, competing in urban orienteering challenges to deepen their understanding of air pollution.



19 Aug 2015
Community Talk Series -
A meeting with the Secretary

The image shows a man in a suit speaking at a podium during a community talk series. A screen in the background displays a map and the text 'Nature, Climate Change & Water Quality'. The audience is seated in front of him.

Guest speaker Mr. Wong Kam-sing, Secretary for the Environment, was invited to share the Government's future policies and visions on issues of air pollution, traffic congestion and in becoming a cycling city.


PUBLIC AWARENESS



16 Oct 2015
Volunteer Recruitment Day

The image shows a group of people, including a man in a suit and several young people, gathered around a table. They appear to be engaged in a workshop or training session, possibly related to leadership or team building.

Developing the volunteers' team spirit with leadership training associations.



27 Jan 2016
Community Talk Series –
What makes our air unbreathable?

The image shows a man in a suit speaking at a podium during a community talk series. The background features a large window with a view of a city at night. The audience is seated in front of him.

Former director of the Hong Kong Observatory, Mr. Lam Chiu-ying, spoke about regional pollution and the effect of over-reliance on vehicular transportation on Hong Kong's air quality.



16 Mar 2016
Public Dialogue: Community Talk
series - Low-emission transport
planning and Electronic Road Pricing

Clean Air Network invited officials from the Transport and Housing Bureau, representatives from the Hong Kong Institute of Planners and the Hong Kong Public Space Initiative, to discuss the feasibility of introducing low-emission zones and sustainable transport regulations with the public.

1 Mar 2016
Smart Move

Promoting the concept of "Smart Move" by encouraging participants to change their usual mode of transport, experience the simple joys of life, and reconsider their necessity of daily car use.

**PUBLIC
AWARENESS**

Mar – Apr 2016
Happy Morning 7

Bringing together a group of public who are keen to develop a healthy living style by exercising early and switching to walk or public transport to commute to work.



16 Apr 2016
Airmazing Race 6

Approximately 300 people participated in the orienteering competition in the bustling streets of Central, completing a variety of challenges whilst simultaneously learning of the harmonious relationship between clean air and walking.



**PUBLIC
AWARENESS**

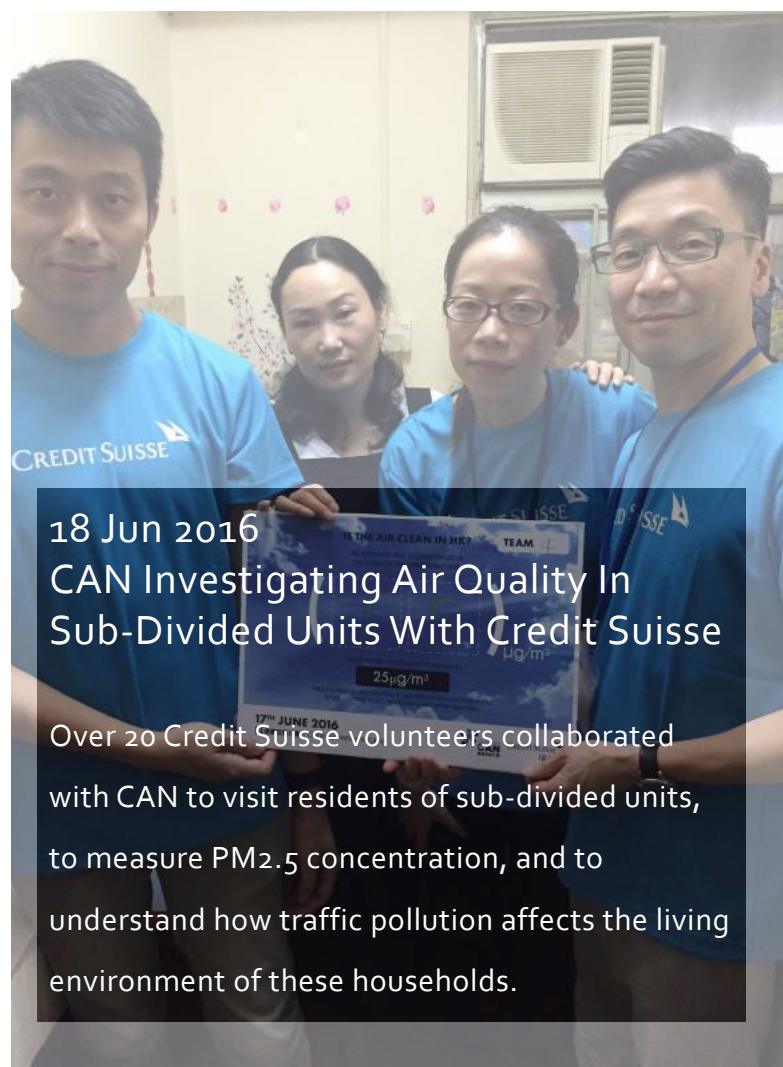
17 Apr 2016
Merrell Challenge

Clean Air Network is extremely honoured to be a beneficiary of the event. Also, our sincere thanks to Merrell and the runners for supporting Clean Air Network with their sweat and energy.



25 May 2016
Airmazing Race x AXA Asia

This year's "Airmazing Race" was the main event of AXA Asia's May "Social Responsibility Week". 180 employees explored Quarry Bay and Taikoo through a treasure hunt, to understand how roadside air pollution affects the daily lives of individuals in the neighborhood that they share.



18 Jun 2016
CAN Investigating Air Quality In Sub-Divided Units With Credit Suisse

Over 20 Credit Suisse volunteers collaborated with CAN to visit residents of sub-divided units, to measure PM_{2.5} concentration, and to understand how traffic pollution affects the living environment of these households.

MEDIA



9 Jul 2015

Bi-annual Air Quality Review: Positive Sign Shown After Fuel Switch Regulation Implemented

Clean Air Network acknowledged the positive impact shown after implementation of fuel switch regulation at July 2015. However, public health is still at risk as roadside pollution is still far beyond safe standard recommended by WHO. CAN urged for holistic people-oriented transport policies to improve living quality.

10 Jan 2016

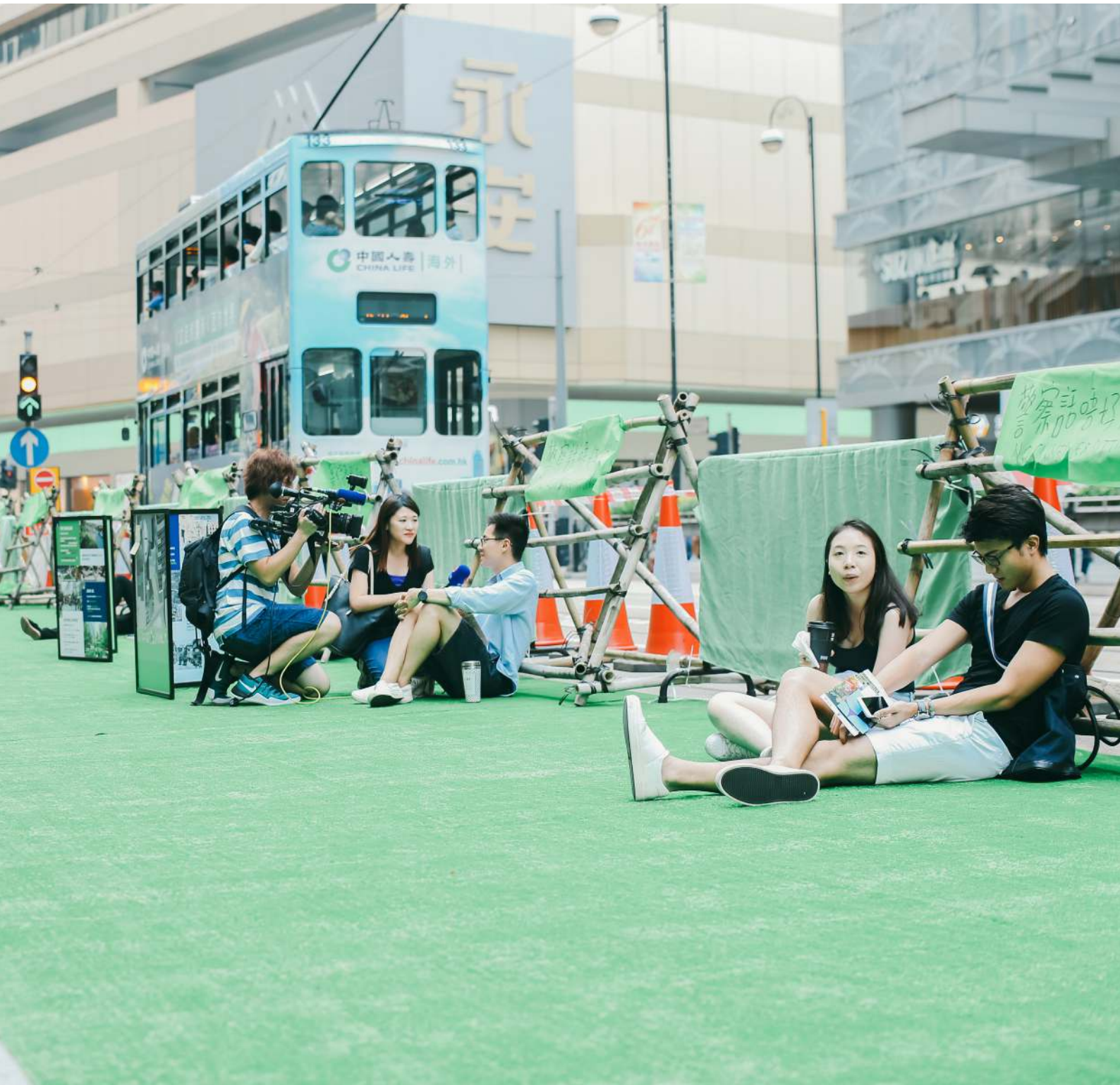
Annual Air Quality Review

By analysing the traffic flow of three sub-sea tunnels in the past 10 years, we discovered that the traffic flow towards urban districts continuously increased, while the pollutants in Hong Kong have also increased higher than that in the Pearl River Delta region. We urge the Government not to neglect the local roadside pollution.

5 Jan 2016

Responding to the Environment Bureau's Annual Air Quality Monitoring Results

The Environment Bureau highlighted the improvement of air quality in 2015. In response, CAN stressed that different air pollutants still exceed the World Health Organization's set limits, most notably the roadside pollutant nitrogen dioxide (NO₂), which has never achieved standards for 20 years, Hong Kong's public health is still insufficiently protected.



德 WALK
心 DVRC

德輔道中
DES VOEUX
ROAD
CENTRAL



Envisioning a city with better roadside air quality
It is our mission to lead the public to rethink transportation.

Following there...

CAN's flagship campaign, DVRC Initiative, aims to transform Des Voeux Road Central into a pedestrian and tram only precinct, with the purpose to improve pedestrian environment in Central District and hence reduce public's reliance on motor transport and eventually the roadside air pollution emitted by road transport.

The transformation of Des Voeux Road Central into a pedestrian and tram only precinct, is one of the most creative solutions to address to air pollution issues. Since late 2015, CAN has spearheaded the DVRC Initiative in collaboration with other academic, professional, green and civic groups. The discussion about walkability, reduction of reliance on motorized transport, and a city planned for people was brought to broader public awareness. After a year's effort on public education, the DVRC Initiative has built up strong relationship among different sectors. The bonding formed a concrete foundation for the campaign to grow further.





23 Aug 2015
Petition against derailing Central's Tramways

Clean Air Network launched the "Save The Tram Alliance" campaign with Designing Hong Kong, and jointly organized a protest rally from the Western Market to Central, petitioning for the establishment of pedestrian and tram precincts in the Central and Western District, and fighting against the proposal to replace the tram route with another carriageway, highlighting the fact that this change will only aggravate current problems of traffic congestion and air pollution.



8 Oct 2015
Forming the Des Voeux Road Central Initiative

A number of organizations concerning environmental protection, public space, and urban design officially announced the formation of the "Des Voeux Road Central Initiative", which strives to transform Des Voeux Road Central into a pedestrian and tram precinct, freeing up more public pedestrian space, and improving traffic congestion and air pollution.

Dec 2015-Feb 2016

Breathing Life Into The Public Realm - A DVRC Exhibition at the Bi-City Biennale of Urbanism & Architecture

"Breathing Life into the Public Realm: A Proposal to Pedestrianize Des Voeux Road Central" was the headline exhibition of the Biennale, presenting the initiative to transform the heavily congested DVRC into a pedestrian and tram precinct, aiming to raise public awareness of the many possibilities for various city planning structures.



27 Feb 2016

Walk tours along Des Vouex Road Central

Encouraging the public to share their perspective about the air and environment of Des Voeux Road Central through photography, and to post them on social media using the hashtag #dvrchk.





Feb 2016- Mar 2016
Game On! At Des Voeux Road Central

In collaboration with Walk in Hong Kong, walking tours along Des Voeux Central took place, briefing and storytelling while sightseeing, so as to explore with a new perspective, and assess the feasibility as well as the strengths and weaknesses of changing Des Voeux Road Central into pedestrian zone.



15 Mar 2016-28 Mar 2016
“Reimagining Des Voeux Road Central” Exhibition

Clean Air Network, Designing Hong Kong and the Hong Kong Public Space Initiative collaborated for this exhibition together with the University of Hong Kong and University of Toronto’s GSAPP Studio-X, aiming to inspire the public to use their imagination in reimagining the city planning around DVRC, and brainstorm how to transform it into a human-centric green space in the city.



20 Jun 2016
Des Voeux Road Central Grand Prix

Participants raced in office chairs throughout Central's streets, accentuating the many obstacles of the sidewalks and the problem with Des Voeux Road Central's city planning, showing the appeal of environmental and sidewalk improvement community events.

ORGANIZATION MANAGEMENT

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Secretary -

Dr. Anthony Ng

Board Members -

Ms. Joanna Ooi

Ms. Lindy Lek

Mr. Markus Shaw

Mr. Simon Ng

Advisor -

Ms. Lisa Genasci

FUNDER

ADM Capital Foundation

Fu Tak Iam Foundation Limited

River Star Foundation

Social Impact Partners Limited

WYNG Foundation

GOVERNMENT

Energizing Kowloon East Office

DISTRICT COUNCIL

Sham Shui Po District Council

INDIVIDUAL

Mr. Lam Chiu Ying

Mr. KS Wong

ORGANIZATION

AXA Asia

Charitable Choice Limited

CLP Power Hong Kong Limited

Civic Exchange

Concerning CSSA and Low Income Alliance

Credit Suisse (HK) Limited

Designing Hong Kong

Friends of the Earth (HK)

Hong Kong International Theme Parks Limited

Hong Kong Institute of Planners

Hong Kong Public Space Initiative

Hong Kong Urban Laboratory

Lifestyle Brands (HK) Limited

Lush Asia Limited

Merrell

Morgan Stanley

The Hong Kong and China Gas Company Limited

Twopresents

Urban Spring Co. Limited

Walk in Hong Kong

EDUCATION INSTITUTE

Canadian International School of HK Limited

City University of Hong Kong

Columbia University Graduate School of Architecture,

Planning and Preservation

HKSYCIA Wong Tai Shan Memorial College

HKU Faculty of Architecture

HKU School of Public Health

Living Word Education Centre

Saint Francis of Assisi's Caritas School

The English Schools Foundation



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@CLEANAIRNETWORK

地址：
香港上環皇后大道西102-106號
渣打銀行大廈 2樓A室

ADDRESS:
Rm A, 2nd Floor,
102-106 Queen's Road West,
Sheung Wan, Hong Kong

TEL: +852 3971 0106
FAX: +852 3971 0374
info@hongkongcan.org

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