INVESTIGATING AIR QUALITY IN SUB-DIVIDED UNITS

photo source: https://goo.gl/AuMz0J
“I WAS SHOCKED THAT THE LIVING CONDITIONS WERE SO BAD AND I FELT DIZZY TOWARDS THE END OF THE VISIT”

Our volunteer
WHAT'S THE PROBLEM

AIR QUALITY IN SUBDIVIDED UNITS ARE WORSE THAN ROADSIDE

Subdivided flats in the city have excess pollutants, exceeding the WHO standard exponentially.

"Many of the subdivided flats are located in areas with busy traffic," said Loong Tsz-wai, community relations manager of CAN. "Some of the flats also do not have any windows, making it very hard for the PM2.5 pollutants to disperse."

He also said the "Street Canyon Effect" contributed to poor air quality, created when closely built high-rises, with heavy traffic in between, block ventilation and trap air pollutants.

After investigation, we found that residents’s health suffer poorly due to severe air quality in subdivided units.

WHERE THE MONEY GOES TO:

1. Support CAN’s educational programs, outreaching corporations and various communities.

2. Remaining proceeds (after campaign costs) support CAN’s air-proving initiatives.

VISIT TO SUBDIVIDED UNITS IS CAN’S NEWLY LAUNCHED PROGRAM SINCE 2016

SINCE 2016, 2 VISITS ARE HELD, MORE VISITS ARE PLANNED TO EXTEND REACH TO SCHOOLS AND CORPORATIONS IN THE FUTURE.
**How can you help?**

2015 is the 1st year subdivided home visit has been held, serving over 60 citizens. Volunteers will help monitor air quality in the flat, investigating pollution blackspots and educate resident ways to improve air quality at home.

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<tr>
<td><strong>60</strong></td>
<td><strong>20</strong></td>
<td><strong>2</strong></td>
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<td><strong>Volunteers</strong></td>
<td><strong>Subdivided Flat Residents Helped</strong></td>
<td><strong>Total Home Visits</strong></td>
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Partners

[Credit Suisse]
Our volunteers also hit the road, identifying air pollution blackspot in the residents’ neighbourhood. So as to advice residents try avoiding such areas to protect their health.
Air quality in our visited units are so serious that it exceeds the WHO standard exponentially. Compare between both visits, we found that air quality in winter time is worse than in summer.
VISIT TO SUB-DIVIDED UNITS 2016:

1. **HIGH PARTICIPATION RATE**: Around 30 volunteers per tour

2. Successfully identifying over **20 AIR POLLUTION BLACKSPOTS** in the community.

3. Through first-hand data-collection, volunteers have **PROFOUND LEARNING EXPERIENCE ON RELATIONSHIP BETWEEN POVERTY AND AIR POLLUTION**.

Wing, one of our visited residents has been living in sub-divided units for 6 years. Her home is very close to roadside. Since her has moved in, she and her son have suffered allergy and breathing problems. Frequent hospital visit is required to ease her medical condition. Her health has deteriorated so bad, she needs to quit her job eventually. Consequently air pollution has also damages her economical stability.
GRASSROOTS COMMUNITY TENDS TO SUFFER THE HARDEST, FACING AIR POLLUTION. ACT NOW TO SOLVE THIS SOCIAL INEQUALITY BY REDUCING ROADSIDE POLLUTION.

photo source: https://goo.gl/olrjjp
## 健康安全行動

### 空氣污染嚴重，兩成割房超標逾一倍

本地根據香港氣候變化專區的數據，空氣污染嚴重，兩成半割房的空氣質量達標規定的標準，其中10%的割房空氣質量超標超過一倍。

### 解決方案

- 家庭減少使用電熱鍋等高污染的家電。
- 增設多個空氣清淨機。
- 經常開窗換氣。

### 案例

- 居民A：家中空氣清淨機每天都開著，空氣質素改善很多。
- 居民B：家中少用電熱鍋，空氣質素有改善。

### 聯合行動

聯合行動建議政府加強對空氣污染的監控及對策，以保障市民的健康。
FOR ENQUIRES PLEASE CONTACT

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