香港議會選舉投票流程

Hong Kong Parliament Voting Process

HK Parliament
香港議會
Vote 投票

下載投票軟件
Download Voting App
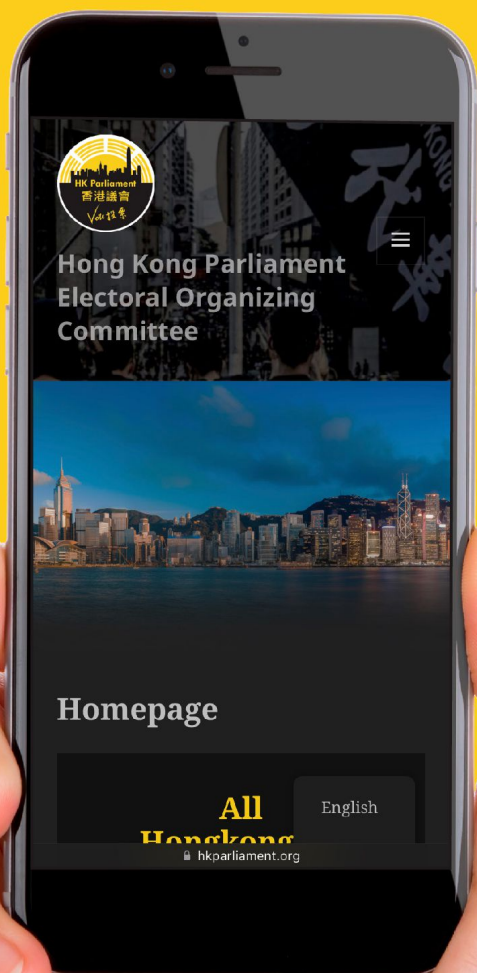
選民直接喺香港議會網頁下載投票軟件落去手機 (唔需要用 App Store)

Voters download voting app directly from Hong Kong Parliament (HKP) Webpage (No need to download via app stores)

Hong Kong Parliament Electoral Organizing Committee

Homepage

All Hongkong

English

hkparliament.org

步驟 1
Step 1

開啟飛行模式
Flight Mode On

選民喺手機開啟飛行模式, 中斷互聯網連接

Voters switch on flight mode on their smartphones to disconnect from the Internet

步驟 2
Step 2

掃描護照MRZ碼
Scan Passport MRZ

投票軟件掃描印喺護照資料頁底部嘅MRZ碼

Voting app scans the MRZ at the bottom of voter's passport information page

護照 MRZ
Passport MRZ

步驟 3
Step 3

讀取晶片
Read Passport Chip

手機用近距通訊功能讀取護照背頁晶片內嘅個人資料

The smartphone uses Near-field Communication (NFC) function to extract personal information from the chip inside passport back cover

NFC
Function

中華人民共和國
香港特別行政區
HONG KONG
SPECIAL ADMINISTRATIVE REGION
PEOPLE'S REPUBLIC OF CHINA

護　照
PASSPORT

步驟 4
Step 4

認證選民資格
Validate Voter Eligibility

選民需要年滿16歲或以上，同時符合以下其中一項條件:
Voters must be aged at least 16, and meet one of the following conditions:

喺香港出世; 或
Born in Hong Kong; OR

喺香港住夠7年; 或
Lived in Hong Kong for 7 years; OR

係以上兩類人士嘅第一代仔女
First-generation offsprings of the aforementioned

成功讀取護照晶片資料之後，軟件會按以下其中一種情況認證選民資格:
After successfully reading the passport chip data, the app will validate voters' eligibility in one of the following situations:

☐ 軟件會自動確認喺香港出世嘅香港特區護照 / BN(O) / 其他護照持有人選民資格

The app automatically validates the holders of HKSAR / BN(O) / other passports if they were born in Hong Kong

☐ 非香港出世嘅其他護照持有人需出示其他身份證明文件例 (如香港身份證、出世紙)

Holders of other passports who were not born in Hong Kong are required to present additional documents (e.g. HKID card, birth certificate)

核實選民資格後，軟件用選民部份個人資料合成識別密碼

After validating the voter's eligibility, the app will generate an encrypted identification code using some of the voter's personal information

```
    // 0 and 1 are not prime
numbers
    // change flag to 1 for
non-prime number
    if (n == 0 || n == 1)
        flag = 1; // 0 and 1 are
not prime numbers
    // change flag to 1 for
non-prime number
    if (n == 0 || n == 1)
        flag = 1;
```

合成識別密碼
Generate Encrypted
Identification Code

步驟 6
Step 6

清除所有個人資料
Erase Personal Data

投票軟件會喺重新連線上網之前，
喺手機上清除認證選民資格期間取
得嘅所有個人資料

The app will erase all personal data
obtained during voter validation
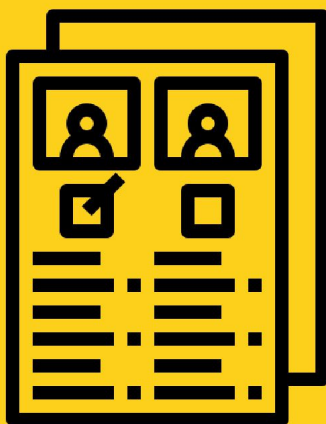on the smartphone before
reconnecting to the Internet

步驟 7
Step 7

投票
Vote ✓

選民進行投票同確認選票
Voters cast and confirm their votes

Confirm

** P.S. 選民最多可以投合法議席上限嘅票數
Voter can vote up to the total number of candidate count

關閉手機飛行模式
Switch Off Flight Mode

最後，選民關閉手機飛行模式，重新連接上網。軟件會自動連接VPN，再將識別密碼同選票傳送去選舉伺服器區塊鏈內，投票程序完成。

Finally, voters switch off flight mode on their smartphones and reconnect to the Internet. The app will automatically connect to a VPN, and transmit the encrypted identification code and ballot to the election server and store on blockchain. The voting is now completed.

步驟 9
Step 9