



主辦：

支持：



香港特別行政區政府
環境局

協辦：



Survey On Public's Perception on the use of Solar Energy

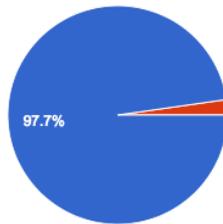
Result and Analysis

Response:

- More than 800 people responded to our survey
- Survey designed for those living in both urban and rural areas, as people living in flats may have balconies suitable for solar panel installations.
- Participants living in urban areas: 55%
- Participants living in village/low-density housing: 45%
- 85% participants between 18-65 years old.

你知道太陽能可以煲水和發電嗎?

793 responses



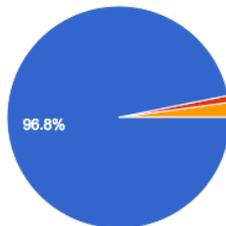
● 知道
● 不知道

1. Do you know solar energy can be used in heating water and generating electricity?

Yes- Blue (97.7%)
No- Red (2.3%)

你認為太陽能發電是較潔淨的能源?

792 responses



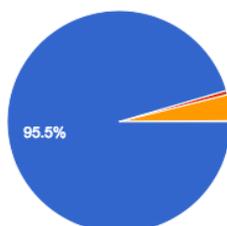
● 是
● 否
● 不知道

2. Do you know that solar energy is a type of renewable energy?

Yes- Blue (96.8%)
Red- No
Orange- Not sure

你認為香港應否加強使用太陽能?

792 responses



● 應該
● 不應該
● 沒有意見
● 不知道

3. Do you agree that Hong Kong should use more solar energy to generate electricity?

Agree- Blue (95.5%)
Disagree- Red
No opinion- Orange
Green- Not sure

主辦：



支持：



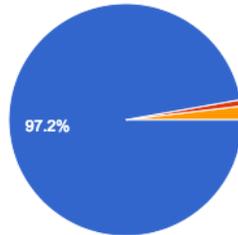
香港特別行政區政府
環境局

協辦：



你認為政府在太陽能發電的教育和宣傳工作應加強嗎？

792 responses



● 應該
● 不應該
● 不知道

4. Is the government doing enough on promoting the use of solar energy in Hong Kong?

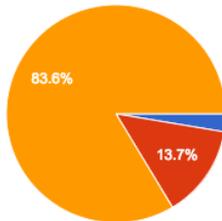
Enough- Blue (97.2%)

Not enough- Red

Not sure- Orange

如果你有意想安裝太陽能設備，你清楚如何符合政府的規定？

793 responses



● 清楚
● 部份清楚
● 不知道

5. If you wish to install solar panels at your home, do you know all the government regulations and guidelines?

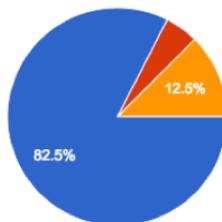
Yes, understood- Blue

Unclear- Red (13.7%)

Do not understand- Orange (83.6%)

若政府提供簡化安裝程序，你會考慮安裝太陽能發電系統嗎？

789 responses



● 會
● 不會
● 無意見

6. If the government simplifies existing installation regulations, would you consider installing solar panels at your home?

Yes will consider- Blue (82.5%)

No, I won't consider- Red

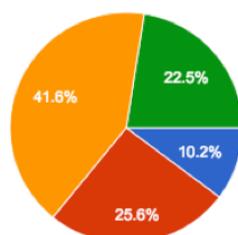
No opinion- Orange

Analysis: If the government simplifies existing installation regulations, would you consider installing solar panels at your home?

- At the moment, government regulations are complicated, unable to incentivise the public to consider installing solar panels.
- More than 80% indicate that if they can easily understand the regulations, they will most certainly consider installing solar panels.

安裝太陽能設備令你可接受的回報期是：

781 responses



● 15年
● 10年
● 5年
● 3年

7. What is your acceptable payback period for installing solar panels?

15 years- Blue (10.2%)

10 years- Red (25.6%)

5 years- Orange (41.6%)

3 years- Green (22.5%)



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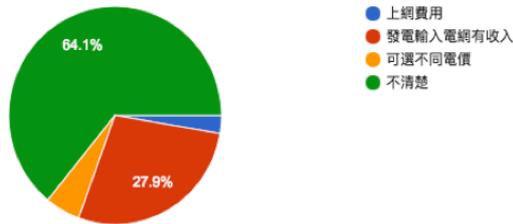


Analysis

- Around 42% of participants can accept a 5 year pay-back period, and 66% accept 5-10 years pay-back period.
- If the pay-period can be reduce to 3 years, the remaining 22% will accept.
- Policy recommendation: the bigger the subsidy and/or the better feed-in tariff agreement is- the bigger incentives participants will consider installing solar panels.

上網電價是指：

789 responses



8. Feed-in Tariff is....

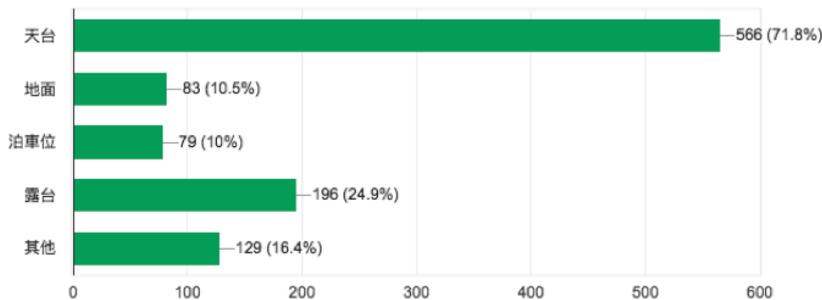
- Not sure- Green (64.1%)
- Paid for generating electricity (right answer)- Red 27.9%
- Can choose different electricity price plan- Orange
- Internet pricing- Blue

Analysis

- Result shows, over 60% of people are not sure what feed-in tariff is, and less than 30% of people got the answer right.
- Need to do more work on educating the public on what feed-in tariffs is and how it works in conjunction with solar energy generation.

如你有機會安裝太陽能，你會選擇在那裡安裝？

788 responses



9. If you were to install solar panels, where would you install them ideally?

- Roof top (71.8%)
- Ground-level (10.5%)
- Parking lot (10%)
- Balcony (24.9%)
- Others (16.4%)

Analysis

- Most people chose rooftop as the most ideal place to install solar panels, with balcony coming second. There are also 20% of people who wish to install panels at parking lot and ground-level areas.
- People need to get a clear sense of government policies and regulations, so they can install solar panels easily on rooftops and balconies.

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Conclusion

- At the moment, government regulations are complicated, unable to incentivise the public to consider installing solar panels.
- Policy recommendation: the bigger the subsidy and/or the better feed-in tariff agreement is- the bigger incentives participants will consider installing solar panels.
- Need to do more work on educating the public on what feed-in tariffs is and how it works in conjunction with solar energy generation.
- People need to get a clear sense of government policies and regulations, so they can install solar panels easily on rooftops and balconies.