



A Long Way to the Success of “Go Green with Nuclear ” 「以核養綠」 Referendum

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Outline

Part I Challenges and Struggles

- ▶ **Impact of the Fukushima Nuclear Accident**
- ▶ **Rising of Anti-Nuclear Atmosphere**
- ▶ **Electricity Act to Phase out Nuclear Energy**
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Part II The Referendum

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- ▶ **Legal Processes**
- ▶ **Planning and Execution**
- ▶ **Victory of “Go Green with Nuclear”**



Part I Challenges and Struggles

Impact of the Fukushima Nuclear Accident (1/2)

► The Fukushima Nuclear Accident



Source: <http://www3.nhk.or.jp/nhkworld/>

Shocking images that scared the general public



Part I Challenges and Struggles

Impact of the Fukushima Nuclear Accident (2/2)

- ▶ Only one nuclear engineering related academic department in Taiwan

Department of Nuclear Engineering 1964-1995

Dept. of Nuclear Engineering and Engineering Physics 1995-1997

Department of Engineering and System Science 1997-

- ▶ Always on the frontline to explain and defend





Part I Challenges and Struggles Rising of Anti-Nuclear Atmosphere

- ▶ Anti-nuclear parades every year after the Fukushima accident
- ▶ Malicious attacks from anti-nuclear groups



<https://zh.wikipedia.org/wiki/%E8%87%BA%E7%81%A3%E5%8F%8D%E6%A0%B8%E9%81%8A%E8%A1%8C>



<https://www.ettoday.net/news/20130312/173780.htm>



Part I Challenges and Struggles

Electricity Act to Phase out Nuclear Energy

- ▶ New President elected in 2016, Ms. Tsai, Ing-wen of the Democratic Progress Party
- ▶ Energy policy of a *Nuclear Free Homeland*
- ▶ “The nuclear-energy-based power-generating facilities shall wholly stop running by 2025.”
stated in Paragraph 1 of Article 95 in the *Electricity Act*
- ▶ Share of Electricity in 2025
 - 50% Natural Gas
 - 30% Coal
 - 20% Renewables
- ▶ Complete phase-out of nuclear energy



Part I Challenges and Struggles

Struggles to Distributing Correct Information

- ▶ A team of scientists, engineers, and economists formed to act
- ▶ Commentary articles in various news media

時論—非核家園 = 缺電家園

2015年01月16日 04:09 葉宗洸

A A A

點閱 **4594**

11 10/10 我要評比



攸關國家未來發展甚鉅的全國能源會議將在本月底舉行，在超過8成民眾並不知道我國98%的能源依賴進口的情况下，此次會議具有非常重要的意義。考量台灣海島型的地理位置與貧乏的天然資源，身處能源使用型態進入關鍵轉型期的我們，更有責任為下一代準備好他們所要面對的未來。

民粹一時爽快 自殘電力動脈

2015-04-20 02:39:51 聯合報 葉宗洸 / 清華大學工程與系統科學系教授兼系主任 (新竹市)

存新聞

立法院聯席會八日初審非核家園推動法草案，表決通過「核四廠不發照，核一、二、三廠不延役」的條文。面對這樣的表決結果，不禁令人懷疑立委諸公們是真不知我國能源使用的嚴峻程度，或者根本就是圖個民粹式的一時爽快，把迫在眉睫的電力供給問題留待其爆發時再來解決。

中、南部六個縣市首長緊接著在十四日共同簽署「禁燒生煤及石油焦」宣言。未來一旦付諸實施，先不管有多少民間產業會直接受到衝擊，目前六縣市轄區內燃煤發



不用核電 3個燃眉之急

2015-03-15 01:08:38 聯合報 葉宗洸 / 清華大學工程與系統科學系主任 (新竹市)

存新聞

柴靜的「穹頂之下」紀錄片在對岸引起了快速而廣大的回響，片中訴說的霧霾情景及衝擊震撼人心，值得深思。

國內部分環團趁此出面表達，減少燃煤發電、積極發展再生能源的訴求，更於福島震災四周年之際，再度強調台灣不需要核電，必須立即廢核。

只求穩定供電 不問電從哪來？

2015-09-05 01:30:12

聯合報 葉宗洸 / 清華大學工程與系統科學系主任 (新竹市)

存新聞

日前台積電向經濟部表達其生產線無法容忍缺電，甚至傳出有意自建發電廠。昨天，毛院長與政務顧問座談，包括聯電宣明智在內，都建議毛院長應協助解決限電。產業界的頻頻關心，是否「缺電」已是台灣產業即將面臨的殘酷現實？



Part I Challenges and Struggles

Struggles to Distributing Correct Information

- ▶ Lectures on nuclear basics at different levels
- ▶ Websites of nuclear information sharing
- ▶ Fan page and chatting room of “Nuclear Myth Busters” on Facebook





Part I Challenges and Struggles

Struggles to Distributing Correct Information

Public debates on TV





Part II The Referendum

Why Going for a Referendum

- ▶ *Record-high electricity demand → serious electricity shortage with <6% reserved capacity island wide*
- ▶ *A massive power blackout in August of 2017*
- ▶ *Serious air pollution → forced power reduction in coal-fire plants*
- ▶ *More and more frequent electricity outages in recent years*
- ▶ *A crisis of **electricity shortage bound to occur!***



Part II The Referendum

Why Going for a Referendum

Year	GDP growth	Electricity Generated (billion kWh)	Percentage of Change
2005	5.42%	189.7	4.69%
2006	5.62%	196.6	3.64%
2007	6.52%	201.9	2.70%
2008	0.70%	200.2	-0.84%
2009	-1.57%	193.6	-3.30%
2010	10.63%	207.4	7.13%
2011	3.80%	213.0	2.70%
2012	2.06%	211.7	-0.61%
2013	2.23%	213.4	0.80%
2014	3.74%	219.2	2.72%
2015	0.72%	219.1	-0.05%
2016	1.50%	225.8	3.06%
2017	2.60%	231.1	2.35%

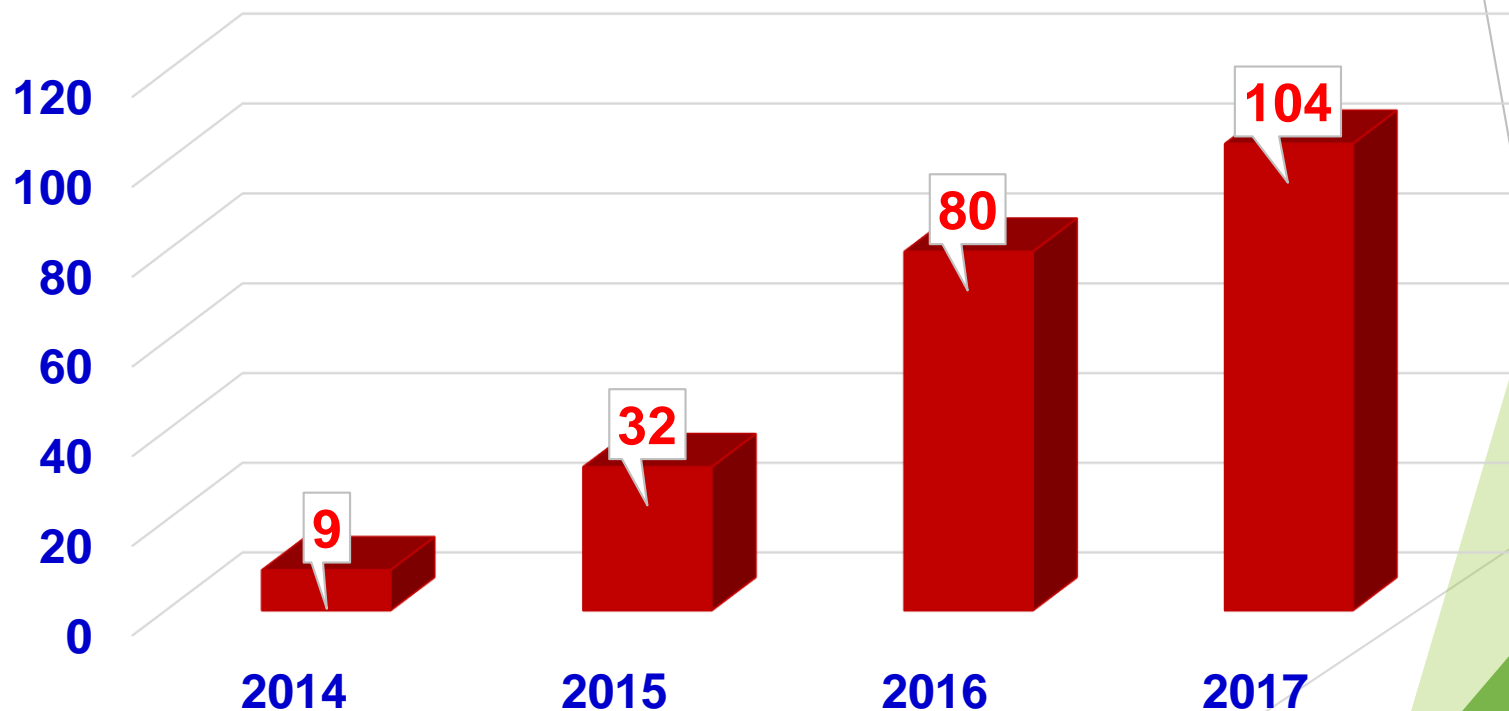


Part II The Referendum

Why Going for a Referendum

Days of Insufficient Reserved Capacity in Recent Years

(Percentage of Daily Reserved Capacity <6%)





Part II The Referendum

Why Going for a Referendum

TAIPEI TIMES

- Home
- Front Page
- Taiwan News
- Business
- Editorials
- Sports
- World News
- Features
- Bilingual Pages

Home / Taiwan News

Sun, Aug 13, 2017 - Page 3 News List

Academics offer officials advice over power situation

By Tan Wei-cheng / Staff reporter



Representatives of the Chung-Hwa Nuclear Society hold a news conference in Taipei on Friday urging the government to resolve the electricity shortage with nuclear power.

Photo: Tan Wei-sheng, Taipei Times

Chung-Hwa Nuclear Society academics on Friday said that authorities should not rule out the use of nuclear energy, citing slow development of "renewable" energy solutions, despite Premier Lin Chuan (林全) saying that a restart of reactors was "impossible."

Government offices were under Executive Yuan orders to turn off air-conditioners between 1pm and 3pm for two weeks after damage to a Ho-Ping Power Co transmission tower in Yilan County affected the nation's power supply.

The measure was lifted early amid a public outcry.

ZALORA 現在選購 >

Most Popular

Listing from 2017-09-15 to 2017-09-22

Most read **Most e-mailed**

- 1 Trump blocks PRC purchase of US chipmaker
- 2 Jet upgrade costs balloon to US\$4.31bn
- 3 Taiwan urged to boost military power
- 4 Photo used to smear Lee Ching-yu, delegation says
- 5 Groups demand end to Provincial Government

MORE ▶

www.cleans-onlinr



Part II The Referendum

Why Going for a Referendum



People walk on a street during a massive power outage in Taipei on Aug. 15. | REUTERS

[BUSINESS](#)

Taiwan blackout affects millions of households amid stifling summer heat

REUTERS

TAIPEI - Taiwan suffered a massive power blackout on Tuesday evening that hit businesses and residential homes, affecting close to 7 million households on the heavily industrialized island amid sweltering heat.

AUG 16, 2017

[ARTICLE HISTORY](#)



Part II The Referendum

Why Going for a Referendum

The largest coal-fired plant at central Taiwan with a total installed capacity of 5,780 MW



Industrial pollution is still a serious problem in Taiwan.

Source: <http://www.taiwanese-secrets.com/geography-of-taiwan.html>



Part II The Referendum

Why Going for a Referendum

- ▶ *An electricity share by nuclear down from 19% to 9% in 3 years (2015-2017)*
- ▶ *Bold and impractical planning of electricity shares by 50% natural gas, 30% coal, and 20% renewables in 2025*
- ▶ *More importantly, the government claims that **going for a nuclear free homeland is a national consensus**.*

Nuclear energy cannot be phased out by 2025!

Is it true that there is a national consensus?



Part II The Referendum

Initiation

- ▶ *During the 31-1st Board Meeting of Directors and Supervisors of Chung Hwa Nuclear Society on January 10th of 2018, the chairman of the board proposed to go for a referendum.*
- ▶ *The theme of this referendum would focus on repealing Paragraph 1 of Article 95 in the Electricity Act.*
- ▶ *The campaign slogan:*
“Go Green with Nuclear”





Part II The Referendum Legal Processes

- Thanks to the revised Referendum Act, signatures and votes of 1/10000, 1.5%, and 25% of the number of legitimate voters (~18.78 millions) from the last presidential election are required for different phases of a referendum.



<https://www.cmmedia.com.tw/home/articles/12455>



Part II The Referendum Legal Processes

- ▶ **Three phases of work to complete for a referendum to pass**
 - 1. Signature collection for proposing the referendum and preparation of the subject text**
 - >1,879 proposing signatures
 - 2. Signature collection for endorsing the referendum**
 - >281,745 endorsing signatures
 - 3. Final nation-wide voting**
 - >4,939,267 votes for “Yes”



Part II The Referendum

Legal Processes

- ▶ *Upon the completion of **Phase 1** work, the subject text of the proposed referendum along with the signature papers must be submitted to the Central Election Commission (CEC).*
- ▶ *The CEC would examine the validity of the signature papers and the legitimacy (to avoid ambiguity and misleading) of the subject text.*
- ▶ *Revisions on the submitted text may be required.*
- ▶ *Phase 2 work cannot be started until Phase 1 work is completed.*



Part II The Referendum

Legal Processes

- ▶ *After Phase 1 work is completed and approved, there will be a time period of **three months** for the advocates to collect endorsing signatures.*
- ▶ *Upon the completion of **Phase 2** work, the signature papers must be submitted to the CEC again.*
- ▶ *The CEC would again examine the validity of the signature papers and announce the final valid number.*
- ▶ *An official announcement on the designated referendum, including the date of voting, will be made by the CEC when all requirements are fulfilled.*



Part II The Referendum Legal Processes

- ▶ It is then on to **Phase 3**: the **voting**, together with possible major local or central elections.
- ▶ In general, there will be at least one month for the advocates to collect donations and to advertise and promote the referendum in social media.
- ▶ The CEC in this period will hold 5 public TV broadcastings for the two sides to express their opinions on the referendum to the general public.



Part II The Referendum Planning and Execution – Phase 1

- ▶ On March 2nd of 2018, Prof. Min Lee (middle), Mr. Shih-Hsiu Huang (left), and Mr. Yen-Peng Liao (right) stepped out to jointly led the referendum. An official website was set up to help promote the activity.





Part II The Referendum

Planning and Execution – Phase 1

- ▶ *The subject text of the referendum is*
“Do you agree that, in order to avoid air pollution and ecological catastrophe caused by the nuclear-free homeland policy, Paragraph 1 of Article 95 in the Electricity Act should be repealed, the nuclear free homeland policy should be terminated, and the nuclear power units should be restarted to ensure that the public may continue to have abundant and stable electricity supply and low electricity prices?”



Part II The Referendum

Planning and Execution – Phase 1

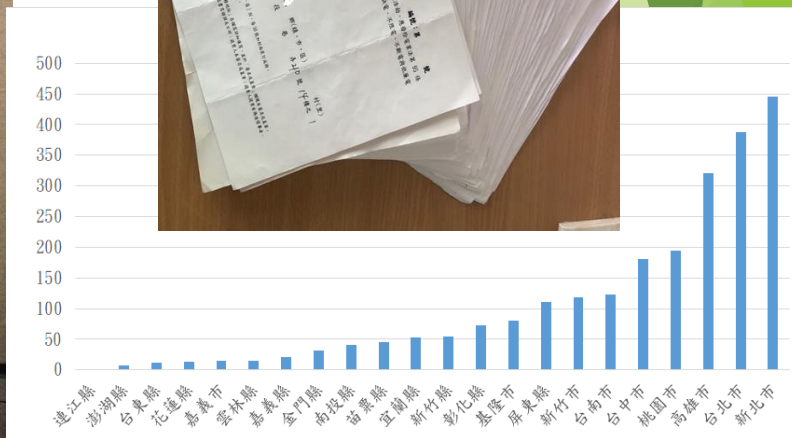
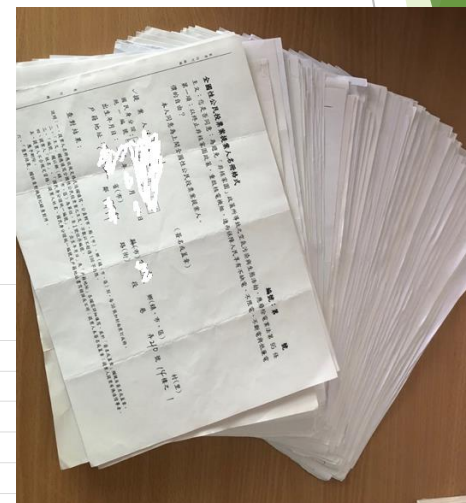
- ▶ *Signature collection for Phase 1 work started immediately.*
- ▶ *It was completed on March 27th of 2018.*



Part II The Referendum

Planning and Execution – Phase 1

- ▶ A press conference was held at 10 a.m. on March 29th of 2018.
- ▶ A total of 2,337 signature papers together with the subject text were submitted to the CEC at 11 a.m.





Part II The Referendum Planning and Execution – Phase 1

- ▶ We were notified by the CEC on April 17th that the subject text was not approved. A hearing was therefore required and arranged on May 8th.
- ▶ On May 15th, we were told to revise the subject text. An official letter from the CEC arrived on May 24th, stating that the Phase 1 process would be approved after the subject was revised.

發文方式：紙本遞送

檔 號：
保存年限：

中央選舉委員會 函

地址：10055臺北市中正區徐州路5號10F
電話：02-2356-5455
傳真：02-2397-6896

受文者：法政處

發文日期：中華民國107年5月24日
發文字號：中選法字第1073550323號
類別：普通件
密等及解密條件或保密期限：
附件：

主旨：臺端所送「您是否同意：為避免『非核家園』政策所導致之空氣污染與生態浩劫，應廢除電業法第95條第一項；透過解除非核家園時程，確保重啟核電權利，保障人民享有無限電、不斷電、低廉電價與潔淨空氣的人權？」全國性公民投票案，請依說明，於本（107）年6月6日前予以補正，請查照。

說明：

- 一、旨揭公投案，本會業於107年5月8日舉行聽證會，並經提第506次委員會議審議決議：本案應具明理由函知提案人之領銜人補正如下事項：一、主文除有「廢除電業法第95條第一項」之議題外，另尚有「確保重啟核電權利」之議題，則本案應請其確認其公投案為法律之複決或重大政策之創制。如確認屬法律複決公投，則所欲廢止之條文，得於規定字數範圍內，在主文中予以明列。二、主文所稱「為避免『非核家園』政策所導致之空氣污染與生態浩劫」、「透過解除非核家園時程，確保重啟核電權利，保障人民享有無限電、不斷電、低廉電價與潔淨空氣的人權」等未具客觀、中立性之文字，應請其作刪除或移列理由書之補正。
- 二、補正理由說明如下：
 - （一）本案主文所敘「廢除電業法第95條第一項」因為法律之複



Part II The Referendum

Planning and Execution – Phase 1

- ▶ *The subject text was revised on June 6th, and was resubmitted to the CEC.*
- ▶ *An official form from the CEC for collecting endorsing signatures was received at the end of June.*

From

Do you agree that, in order to avoid air pollution and ecological catastrophe caused by the nuclear-free homeland policy, Paragraph 1 of Article 95 in the Electricity Act should be repealed, the nuclear free homeland policy should be terminated, and the nuclear power units should be restarted to ensure that the public may continue to have abundant and stable electricity supply and low electricity prices?

To

Do you agree to repeal Article 95 paragraph 1 of The Electricity Act: “The nuclear-energy-based power-generating facilities shall wholly stop running by 2025“?



Part II The Referendum

Planning and Execution – Phase 2

- ▶ **Preparation work for Phase 2 started on June 27th.**
 - Setting up an official FB page and a fan page
 - Raising funds & requesting donations
 - Making Signature forms ready for download
 - Setting up distribution locations for blank forms
 - Holding a kick-off meeting for key volunteers
 - Forming local volunteer teams around the country
 - Distributing promotional messages via the internet (FB, IG, ...) and the chatting apps.
 - Collaborating with the candidates in the 9-in-1 local election





Part II The Referendum

Planning and Execution – Phase 2

► Promotional Activities

Information sharing from people to more people

e.g. 1 to 10, 10 to 100, ... 1000 to 10,000

Lectures

Intense media exposures

Special activity of bananas eating

Close collaborations with celebrities

Street contacts

One-day gathering at rain and subway stations around Taiwan

Stationing of volunteers at major popular locations every day



Part II The Referendum Planning and Execution – Phase 2

► Promotional Activities





Part II The Referendum

Planning and Execution – Phase 2

► Promotional Activities





Part II The Referendum Planning and Execution – Phase 2

► Promotional Activities

【Yahoo論壇／葉宗洸】讓「以核養綠」公投有機會
成為民意展現的公投



作者為國立清華大學工程與系統科學系教授



圖片來源：iStockphoto

就在中選會主委陳英鈞公開放話，「公投若欲搭上十一月下旬的縣市長大選，第二期應是九月六日」的截止日期，「以核養綠公投」的連署書數量本月五日深夜一舉並得以緊急在六日順利將超過卅一萬份的連署書送達中選會，令人遺憾的是，連署日期（十四日）前的二次送件，竟然在十三日遭到中選會以於法無據的「不能二次街人黃士修先生因而在二次送件日當場展開絕食抗議，迄今已逾四日。

udn / 評論 / 民意論壇

相關新聞

815大停電滿周年... 不缺電？ 賴揆沒說的真相

2018-08-16 00:07 聯合報 葉宗洸 / 清大工程與系統科學系教授 (新竹市) 200 分



行政院長賴清德（左二）帶著官員，邀請工商協進會理事長林伯豐（左三）等企業老闆，參訪林口火力發電廠。圖／聯合報系資料照片

報載行政院長賴清德十三日邀請工商業界代表一同參訪台電林口電廠，即便業界領袖當場要求政府重新考慮使用核能，賴揆仍於致詞時表示，「二〇二五年非核家園是既定政策，

中国评论新闻

主辦：中國評論通訊社

繁體 简体

首頁 | 頭條 | 焦點 | 大陸 | 臺灣 | 港澳 | 國際 | 兩岸 | 華人 | 經濟 | 財經 | 軍情 | 體育 | 社會 | 人物 | 文學 | 圖片 | 自然 | 娛樂 | 評論 | 社評 | 快評 | 分析 | 專論 | 網評 | 外電 | 輿論 | 智囊 | 專題 | 專訪 | 專欄 | 珠江 | 出版 | 編譯 | 網書 | 調查 | 街聲 | 電訊 | 名家 | 記者 | 簡介

2019年1月9日 星期三

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馬上街連署以核養綠公投 民眾熱情響應

http://www.CRNTT.com 20180830



因為「以核養綠」公投案向民眾爭取連署，《中評社 倪鴻祥攝》

倪鴻祥）馬英九今天上午在台北捷運忠孝復興站出口SOGO百貨忠孝店前廣場抗議，區人架空車，不少民眾買氣車站圍上主會連署書，也有很多人用手機拍



Part II The Referendum

Planning and Execution – Phase 2

► Promotional Activities





Part II The Referendum

Planning and Execution – Phase 2

► Promotional Activities





Part II The Referendum

Planning and Execution – Phase 2

► Promotional Activities



Part II The Referendum

Planning and Execution – Phase 2

► Promotional Activities



Part II The Referendum

Planning and Execution – Phase 2

► Promotional Activities



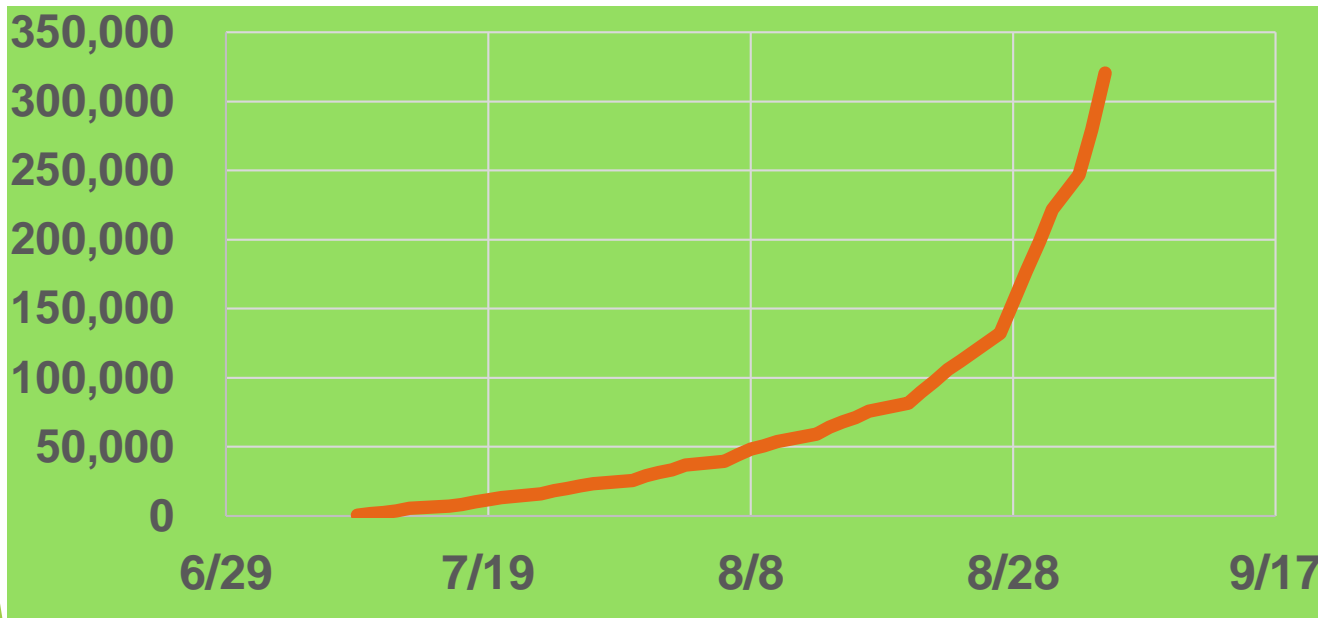


Part II The Referendum

Planning and Execution – Phase 2

► Challenges

For the first 10 days, we received only 11,880 signature papers, and we need at least 281,745.



The very first pack of signature papers



Part II The Referendum Planning and Execution – Phase 2

► Challenges - Difficult to obtain an endorsed paper

Unofficial data analysis indicated that.....

Success rate on getting an endorsement

<i>Senior professors</i>	<i>10%</i>
<i>Master Students (Male)</i>	<i>20%</i>
<i>Kids</i>	<i>30-40%</i>
<i>Master Students (Female)</i>	<i>80%</i>
<i>Young Girls</i>	<i>100%</i>

A signature paper would contain private personal information, so it is very important to be trusted by passersby.

今天下午和幾位熱血學生一起進行街頭連署，地點在新竹市光復路麥當勞與馬偕醫院兩側騎樓。

成果報告：

兩個小時下來，總共募到35份，還有帶走空白表格約10份。

心得：

走上街頭蠻辛苦的，汗流浹背之餘，小黑蚊也來作伴。還有，正妹與帥哥學生共募到32份，我只募到3份，只能說，青春就是無敵啊。

外記：

對了，幫忙加油打氣的不少，但也碰上非得纏著要討論連署策略的熱心民眾，只能說都非常感恩啦！





Part II The Referendum

Planning and Execution – Phase 2

► *Sorting the Papers - The nightmare of the volunteers*

The papers were very difficult to open!

The ones that were completely glued or sealed with special tapes were even harder to open.

Some were even glued and sealed with tapes. It was extremely frustrating when one found the paper was totally blank inside!

Statistics:

One could open 4-6 papers in 1 minute.

Glued papers: 2 minutes or more

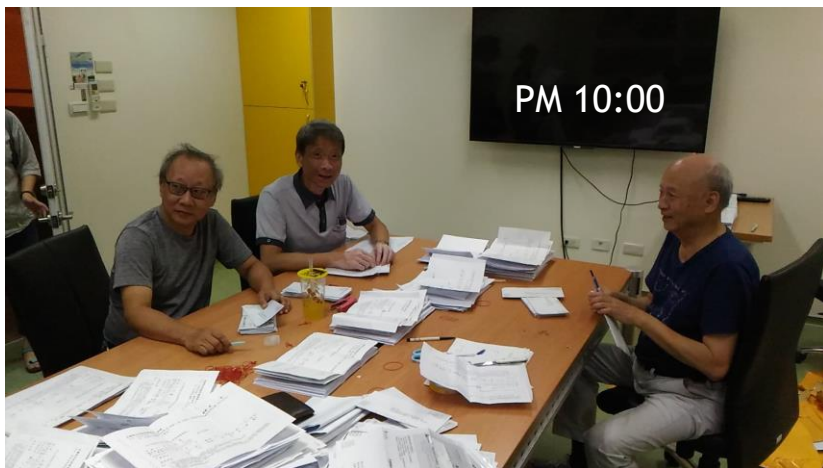
Glued and tape-sealed ones: >5 minutes





Part II The Referendum Planning and Execution – Phase 2

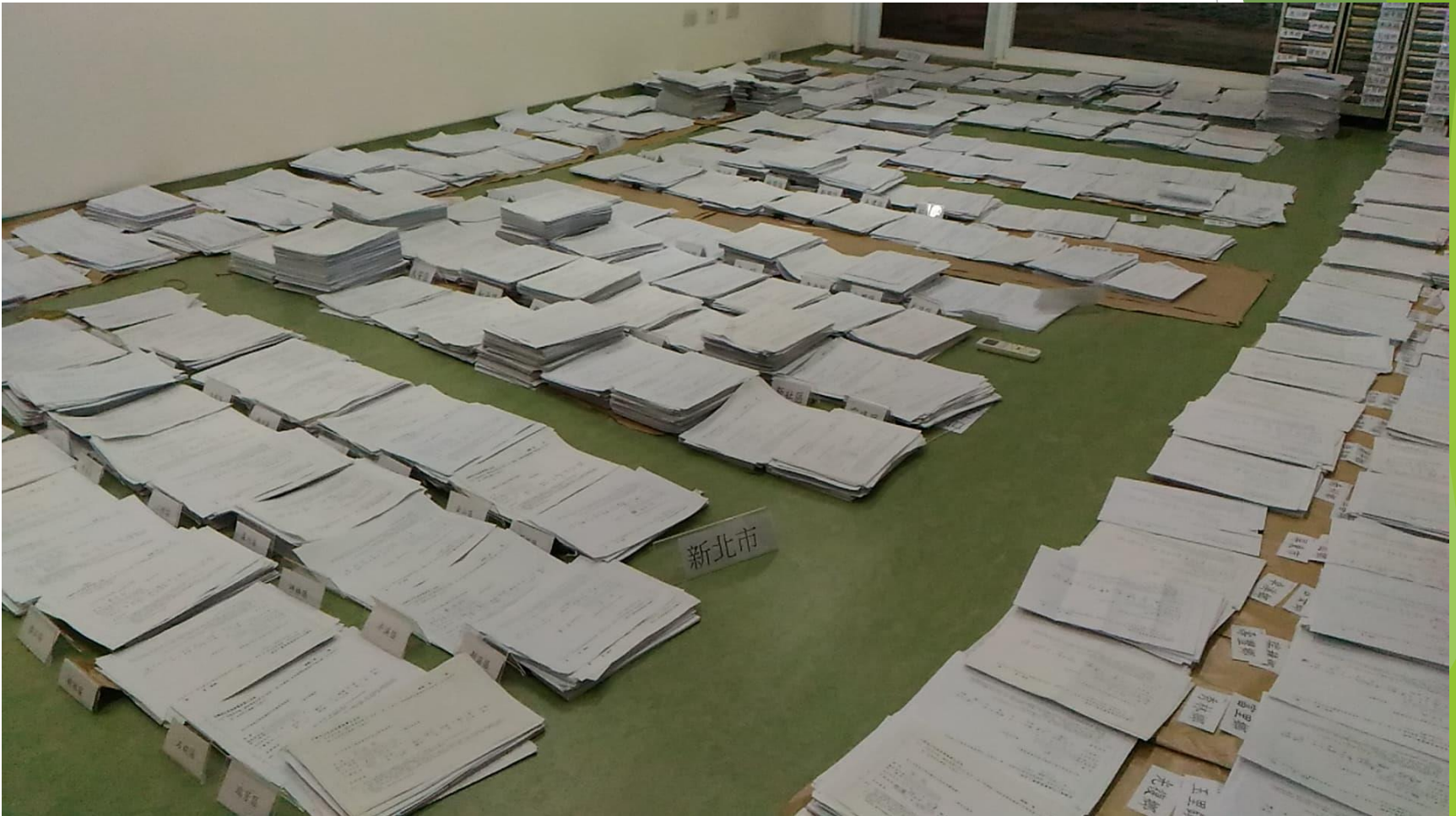
- ▶ *Sorting the Papers - Anyone can be a volunteer*





Part II The Referendum Planning and Execution – Phase 2

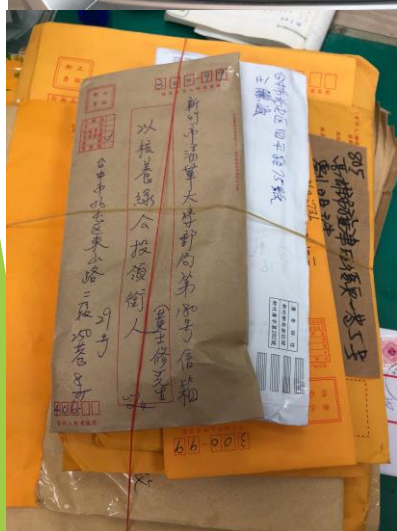
- ▶ *Sorting the Papers - Clean & organized, but not enough*





Part II The Referendum Planning and Execution – Phase 2

► Sorting the Papers - Papers pouring in





Part II The Referendum Planning and Execution – Phase 2

- ▶ *Sorting the Papers - New boxes ready for loading*



Part II The Referendum Planning and Execution – Phase 2

► *Sorting the Papers - Power up and pay happily*



Paying for the cost of pre-paid signature papers at the post office



Part II The Referendum

Planning and Execution – Phase 2

► *Sorting the Papers*

When the tentative deadline of September 6th for submitting the papers to CEC was approaching, we did not have too many photos.

Everyone had been burning the candle at both ends!

Collecting signature papers from all over Taiwan

Sorting papers by counties and districts, and making them into booklets

Duplicating all signature papers by copying

Counting, packaging, and boxing



Part II The Referendum Planning and Execution – Phase 2

- ▶ *Sorting the Papers - It was the time (late night of Sep. 5th) for a group photo as the target was reached.*

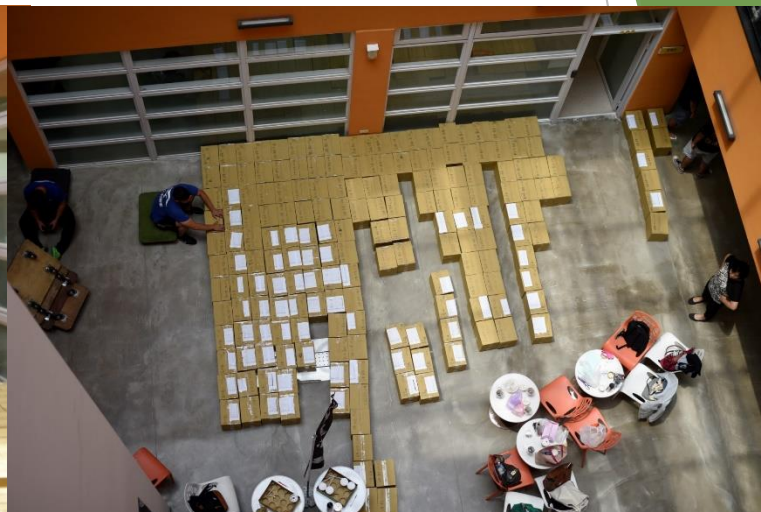




Part II The Referendum

Planning and Execution – Phase 2

► Shipping to CEC





Part II The Referendum Planning and Execution – Phase 2

- *Shipping to CEC - followed by a press conference*





Part II The Referendum Planning and Execution – Phase 2

- **Inventory at CEC - 314,135 (>281,745) papers in total**



全國性公民投票案連署人名冊收據

(第1聯：申請人收執)

茲收到黃士修先生提出之「您是否同意：廢除電業法第95條第1項，即廢除『核能發電設備應於中華民國一百十四年以前，全部停止運轉』之條文？」公民投票案連署人名冊計314,135張，正本、影本各1份。

此據

中央選舉委員會

中華民國107年9月6日

註：連署人名冊張數以戶政機關查對結果為準。

中央選舉委員會
107.09.06
18:05
收(乙)文



Part II The Referendum

Planning and Execution – Phase 2

► Second submission to CEC and the hunger strike

We continued to receive lots of papers after the last submission.

More sorting and packaging were conducted.

To ensure there would be sufficient papers after the validity check, we prepared for a second submission.

More than 24000 signature papers were delivered to the CEC on September 13th, one day before the official deadline.

The CEC refused our second submittal.

One of the referendum leaders, Mr. Shih-Hsiu Huang, decided to immediately go on a hunger strike on site. In the meantime, a law suit against the CEC was filed.



Part II The Referendum

Planning and Execution – Phase 2

► Second submission to CEC and the hunger strike

Forbes Billionaires Innovation Leadership Money Consumer Industry

26,258 views | Sep 17, 2018, 10:49pm

Taiwanese Government Sparks Hunger Strike After Rejecting Signatures For Pro-Nuclear Referendum

Michael Shellenberger Contributor
Energy
I write about energy and the environment

Facebook Twitter LinkedIn





Part II The Referendum Planning and Execution – Phase 2

- ▶ *We eventually won the law suit, and the referendum was approved by the CEC on October 23rd, with more than 290,000 valid signature papers.*
- ▶ *We were ready to move on to Phase 3, and we have only 1 month to promote the referendum on November 24th.*



首頁 > 中時 > 政治

過關！中選會宣告「以核養綠」公投成案 將綁年底大選

2018年10月23日 13:10 中時 楊佳穎





Part II The Referendum

Victory of “Go Green with Nuclear” – Phase 3

- ▶ *The “Go Green with Nuclear” referendum was designated as #16 by the CEC.*
- ▶ *There were 5 CEC public TV broadcastings*
- ▶ *Promotional Activities*
 - Spreading information on Referendum #16*
 - More lectures*
 - Continued street contacts*
 - Intense media exposures*
 - Live broadcasting of “Energy Talks” shows*
 - Continued close collaborations with celebrities*
 - Stationing of volunteers at major popular locations every day*



Part II The Referendum

Victory of “Go Green with Nuclear” – Phase 3

► CEC public TV broadcastings





Part II The Referendum

Victory of "Go Green with Nuclear" – Phase 3

Promotional Activities - Spreading

減少火力 以核養綠

16

公投支持
廢除電業法第95條第1項2025非核家園

GO GREEN WITH NUCLEAR

以核養綠

18歲可公投
自己國家的自己救

<input type="radio"/>	同意 (O)	<input type="radio"/>	不同意 (X)
16			

您是否同意：
廢除電業法第95條第1項，即廢除「核能發電設備應於中華民國一百十四年以前，全部停止運轉」之條文？

11/24 廢除 電業法 同意 第95條第1項

核能學會 氣候先鋒者聯盟 共同推動
核能流通最終結者

11/24 公投小抄，不會忘！

題號	題目	同意	不同意
7	反空汙公投	<input type="checkbox"/>	<input type="checkbox"/>
8	反深海電廠	<input type="checkbox"/>	<input type="checkbox"/>
9	反核食進口	<input type="checkbox"/>	<input type="checkbox"/>
10	繼續單一男一女	<input type="checkbox"/>	<input type="checkbox"/>
11	高中不教不教同志教育	<input type="checkbox"/>	<input type="checkbox"/>
12	同志生活權益平等法	<input type="checkbox"/>	<input type="checkbox"/>
13	2020東京奧運正名	<input type="checkbox"/>	<input type="checkbox"/>
14	民法保障同志權益	<input type="checkbox"/>	<input type="checkbox"/>
15	國中同性別平等教育	<input type="checkbox"/>	<input type="checkbox"/>
16	廢除電業法非核條文	<input checked="" type="checkbox"/>	<input type="checkbox"/>

11/24 公投小抄，不會忘！

題號	題目	同意	不同意
7	反空汙公投	<input type="checkbox"/>	<input type="checkbox"/>
8	反深海電廠	<input type="checkbox"/>	<input type="checkbox"/>
9	反核食進口	<input type="checkbox"/>	<input type="checkbox"/>
10	繼續單一男一女	<input type="checkbox"/>	<input type="checkbox"/>
11	高中不教不教同志教育	<input type="checkbox"/>	<input type="checkbox"/>
12	同志生活權益平等法	<input type="checkbox"/>	<input type="checkbox"/>
13	2020東京奧運正名	<input type="checkbox"/>	<input type="checkbox"/>
14	民法保障同志權益	<input type="checkbox"/>	<input type="checkbox"/>
15	國中同性別平等教育	<input type="checkbox"/>	<input type="checkbox"/>
16	廢除電業法非核條文	<input checked="" type="checkbox"/>	<input type="checkbox"/>

以核養綠 11/24 公投小抄，不會忘！

16 同意

您是否同意：
廢除電業法第95條第1項，即廢除「核能發電設備應於中華民國一百十四年以前，全部停止運轉」之條文？

11/24 廢除 電業法 同意 第95條第1項

16 以核養綠 11.24 公投

十張全領 公正選舉 以核養綠 16 蓋同意

拒絕高空汙、高電價物價，請站出來投下神聖的一票！

<input type="radio"/>	同意	<input type="radio"/>	不同意
16			

您是否同意：廢除電業法第95條第1項，即廢除「核能發電設備應於中華民國一百十四年以前，全部停止運轉」之條文？

以核養綠

16

11/24 08:00 - 16:00

同意

廢除電業法第95條第1項 疼惜咱~台灣~

以核養綠 反對非核家園

電業法第95條第一項2025年廢除核能發電

- 高昂的電價
- 危險性的核能廢棄
- 嚴重核子所衍生的肺部癌症、健康危機等問題

在日本重啟核電的同時，本國卻與國際趨勢背道而馳

11/24 第16號公投票一蓋同意

以核養綠 守護每個人的健康及未來

非核家園的3高代價

- 1 高度 空氣汙染 (火力 80%)
- 2 高電價 (電費 +50%)
- 3 高物價 (物價上漲 物價必漲之理 +)

國際原子能總署 2015年的報導 日本核災因輻射 死0人

台灣核電廠 皆無在斷層上

事實

蘭嶼輻射值 比 台北火車站低

會務發展更有希望 願於或當選後和 4個字聯繫

<input type="radio"/>	同意	<input type="radio"/>	不同意
16			

您是否同意：廢除電業法第95條第1項，即廢除「核能發電設備應於中華民國一百十四年以前，全部停止運轉」之條文？

熊出沒!! 全台夜市大串聯

11/24 公投領票 16 減少火力 蓋同意

以核養綠



Part II The Referendum

Victory of "Go Green with Nuclear" – Phase 3

► Promotional Activities - Video Clips

同意	不同意

11 24 公投領票
月 日

以核養綠

我同意

您是否同意：廢除電業法第95條第1項，即廢除『核能發電設備應於中華民國一百十四年以前，全部停止運轉』之條文？

0:19 / 2:09



同意	不同意

16

您是否同意：廢除電業法第95條第1項，即廢除『核能發電設備應於中華民國一百十四年以前，全部停止運轉』之條文？

請大家支持公投第16案



Part II The Referendum

Victory of "Go Green with Nuclear" – Phase 3

► Promotional Activities - Spreading

Facebook post for "以核養綠-缺電公民自救會" (Nuclear for Green - Power Shortage Citizen Self-Help). The post features a large image of a dog surrounded by many white dog-shaped paper lanterns. Text on the image reads "以核養綠 感謝有您" (Nuclear for Green, Thank you for you) and "5,895,560 票 超越藍綠的無色奇蹟" (5,895,560 votes, a colorless miracle surpassing Blue and Green). A search bar at the top shows "核能流言終結者" (Nuclear Mythbusters).

Facebook post for "挑戰2025能源政策" (Challenge 2025 Energy Policy). The post features a video thumbnail showing a group of people in a room. Text on the video reads "「健康與國際煤趨勢」特別來賓：行政院 張善... 不久之前 那個...". Below the video is a poll titled "2018環保、健康與核能..." with options "同意" (Agree) and "不同意" (Disagree), showing 16 votes. A date "11/24" is also visible. The post has 192 likes and 103 shares.

Facebook post for "以核養綠" (Nuclear for Green). The post features a large image with the text "以核養綠" and a paw print icon. The text "感謝有您" is also visible. The post has 5,895,560 votes.

Facebook post for "挑戰2025能源政策" (Challenge 2025 Energy Policy). The post features a video thumbnail showing a group of people in a room. Text on the video reads "「健康與國際煤趨勢」特別來賓：行政院 張善... 不久之前 那個...". Below the video is a poll titled "2018環保、健康與核能..." with options "同意" (Agree) and "不同意" (Disagree), showing 16 votes. A date "11/24" is also visible. The post has 192 likes and 103 shares.



Part II The Referendum

Victory of "Go Green with Nuclear" – Phase 3

Promotional Activities

能源大小事 Energy Talks

能源大小事
鳳馨幫你問明白

EP4 以核養綠才是真環保

主持人 陳鳳馨
嘉賓 璩瑋琪 黃其哲 謝明君

二百六 晚上8點到9點

能源大小事
鳳馨幫你問明白

EP8 核電廠安全, 不是靠想像

主持人 陳鳳馨
嘉賓 潘大聖科院長 李敏

二百六 晚上8點到9點

能源大小事
鳳馨幫你問明白

EP12 核四的前塵後路

主持人 陳鳳馨
嘉賓 核四廠廠長 王位輝

二百六 晚上8點到9點
11/24 公投 票下開票

能源大小事
向你說明白

EP1. 以核養綠的公投之路

主持人 陳鳳馨
嘉賓 領銜人 黃士修

能源大小事
鳳馨幫你問明白

EP5 電力與能源經濟

主持人 陳鳳馨
嘉賓 中研院研究員 王登明

二百六 晚上8點到9點

能源大小事
鳳馨幫你問明白

EP9 非核不行, 以核養綠行不行?

主持人 陳鳳馨
嘉賓 前中研院主委 蔡春鴻

二百六 晚上8點到9點

能源大小事
鳳馨幫你問明白

EP13 生在福中要知福

主持人 陳鳳馨
嘉賓 核四廠工所長 許榮鈞

二百六 晚上8點到9點
11/24 公投 票下開票

能源大小事
鳳馨幫你問明白

EP2. 談能源與健康

主持人 陳鳳馨
嘉賓 台大醫師 王明龍

二百六 晚上8點到9點

能源大小事
鳳馨幫你問明白

EP6 未來電費你付得起嗎?

主持人 陳鳳馨
嘉賓 台灣能源版主 陳立誠

二百六 晚上8點到9點

能源大小事
鳳馨幫你問明白

EP10 核廢問題的面對與解決

主持人 陳鳳馨
嘉賓 前物電局長 黃慶村

二百六 晚上8點到9點

能源大小事
鳳馨幫你問明白

EP14 台日核安比一比 核廢全部可處理

主持人 陳鳳馨
嘉賓 國際核能專家 趙嘉祺

二百六 晚上8點到9點
11/24 公投 票下開票

能源大小事
鳳馨幫你問明白

EP3 能源、減碳、空汙

主持人 陳鳳馨
嘉賓 前環保署長 魏國彥

二百六 晚上8點到9點

能源大小事
鳳馨幫你問明白

EP7 我們的以核養綠

主持人 陳鳳馨
嘉賓 青年志工 謝安 車曉 怡萱

二百六 晚上8點到9點

能源大小事
鳳馨幫你問明白

EP11 再生能源 環境保育怎兩全?

主持人 陳鳳馨
嘉賓 彰化馬會 謝孟霖

二百六 晚上8點到9點

能源大小事
鳳馨幫你問明白

EP15 廢核缺電路迢迢

主持人 陳鳳馨
嘉賓 清大工務系教授 吳宗沅

二百六 晚上8點到9點
11/24 公投 票下開票

Part II The Referendum

Victory of “Go Green with Nuclear” – Phase 3

► Promotional Activities - Street contacts





Part II The Referendum

Victory of “Go Green with Nuclear” – Phase 3

► Fighting with dirty tricks one day before the voting

網傳以核養綠公投改為廢核 清大教授：惡意假消息

收到選舉公報，
發現第16號以核養綠，
已被中選會更改為廢核。
呼籲大家不能投「贊成票」了！



主文自七月到現在
從沒有被更改

請不要相信錯誤說
法

第16案公投 廢電
業法 請蓋同意

感謝各位的同意票
讓我們直球對決



TW.APPLEDAILY.COM

公投第16案未曾修訂過 核能學會呼籲蓋「同意」 | 蘋果日報
全國性公民投票進入倒數階段，財團法人中華民國核能學會表示，反核...

網傳公投第16案「以核養綠」更被中選會改為廢核，不能投下贊成票網傳，清大工科系教授葉宗洸提供圖文澄清。（清大工科系教授葉宗洸提供）



Part II The Referendum

Victory of “Go Green with Nuclear” – Phase 3

- ▶ We needed 4,939,267 “Yes” votes.
- ▶ We won the referendum on November 24th of 2018!
- ▶ In particular, the assent votes were all greater than the dissent votes at districts with nuclear power plants.

< 返回 石門區

第16案 公民投票結果 - 新北市石門區
第16案：您是否同意：廢除電業法第95條第1項，即廢除「核能發電設備應於中華民國一百十四年以前，全部停止運轉」之條文？

同意票數	不同意票數
1,638	1,162

有效票數	無效票數	投票數
2,800	437	3,237

投票權人數	投票率%
6,343	51.03%

有效同意票對投票權人數百分比
25.82%

投票票所數 已送/應送: 7/10
資料更新時間: 11/24 20:33:01

Case 16 referendum - All

Do you agree to repeal Article 95 paragraph 1 of The Electricity Act: “The nuclear-energy-based power-generating facilities shall wholly stop running by 2025”?

Assent	Dissent
5,895,560	4,014,215

Valid votes	Invalid votes	Total votes
9,909,775	922,960	10,832,735

Eligible voters	Vote rate %
19,757,067	54.83%

Valid votes of assent / eligible voters (%)
29.84%

Result: Adopted

Arrival of Polls/Total of Polls: 15,887/15,887

🕒 Data generate time: 11/25 04:13:30

🔄 Refresh



Part II The Referendum

Victory of "Go Green with Nuclear" – Phase 3

► Reactions from the government

蔡英文：非核家園目標不變 公投主要是把時限拿掉

YAHOO! 奇摩 (即時新聞) | 18k 人追蹤 [追蹤](#)

2018年11月29日 下午12:51

794 則留言

總統蔡英文今天表示，非核家園的目標不變，不過核電廠繼續做下去，這次公投主要把法律強制時限拿掉，並不表示2025年必須要延、或一定是個確定時程。

政院今稱2025非核家園不變 王明鉅：原來公投全是假

2018-11-25 10:37 聯合報 記者吳景豐/即時報導 [讚 9.8 萬](#) [分](#)



原能會：已經沒有2025非核家園

2018-11-28 10:29 聯合報 記者孫謙昇/即時報導 [讚 769](#) [分](#)



原能會主委謝曉星，記者胡程周/攝影

「以核養綠」公投過關，原能會主委謝曉星今天表示，「已經沒有2025非核家園」，行政院已經放棄非核家園的期限，非核家園政策則是另外一個部分。

2025非核家園不調整？賴清德：後續能源政策需與立法院

林上杵 2018-11-26 11:47 7157 人氣 [簡](#) [自](#) [分](#) [字](#) [281](#)



以核養綠公投過關，衝擊政府的非核家園政策。行政院長賴清德26日召開記者會表示，後續的能源政策，必須與立法院討論才能決定。(截圖自Youtube行政院直播影片)

「九合一」結果重創民進黨政府，其中，民進黨創黨以來堅持的「非核家園」理念，在本次「以核養綠」公投過關後，也將面臨檢

2025非核家園髮夾彎 擁核派：賴清德將名垂青史

2018-11-27 21:53 聯合報 記者孫謙昇/即時報導 [讚 9.8 萬](#) [分](#)



以核養綠公投過關，行政院今天公布，非核家園不再設定2025年期限。圖/本報資料照片

九合一大選甫結束，其中以核養綠公投以近690萬同意票過關，行政院今天公布，非核家園不再設定2025年期限，行政院長賴清德也說，若以空汙角度來看，核能確實是一個選項，對此，擁核派



Part II The Referendum

Victory of “Go Green with Nuclear” – Phase 3

► *My reaction - Do not dare to stick with nuclear free homeland!*



政府續推2025非核家園 清大教授怒轟早晚自食惡果



▲葉宗洸認為政府繼續推動非核家園是忽視主流民意。(圖/葉宗洸提供)

記者許展溢 / 台北報導

「以核養綠」公投案過關，行政院對外表示，依照電業法第95條第1項會在公告第3日起失效，也就是會繼續推動非核家園，清大工程與系統科學系教授葉宗洸接受《ETtoday新聞雲》記者訪問怒批，政府這樣的作為很不可思議，所有說詞都是在推託，再這樣下去，早晚會自食惡果。

首頁 | 總覽 | 無色覺醒 | 中時社論 | 旺報社評 | 工商社論 | 短評 | 名家 | 星期論壇 | 觀點 | 徵文 | 史話 | 百川 | 熱門

葉宗洸》被「電」慘了 仍不謙卑

A A A 友善列印



2018年11月25日 20:47 葉宗洸

在政府一再重申「非核是全民共識，2025非核家園政策不變」之際，此次第16號「以核養綠」公投案獲得589萬的同意票，成功廢除了《電業法》第95條第1項關於非核家園的條文。

「以核養綠」公投案經歷提案、連署量不足、中選會限縮連標送件日期、申請假處分、領銜人絕食抗議、中選會遭判不得拒收二次送件、再次送件，雖然最終成案，但一路走來不斷遭到執政者的各種阻撓，艱辛程度難以言喻。成案後，反對方也窮盡各種宣傳手法企圖阻擋，但最後還是通過，彰顯了人民企求穩健能源政策的心聲。

葉宗洸：「以核養綠」公投案獲得589萬同意票，成功廢除了《電業法》第95條第1項關於非核家園的條文。

中時

電子報

葉宗洸

- 【為愛發聲】因有你的愛，讓世界不在冷陌
- 【生活態度】不只吃喝玩樂，更是一種雅緻生活
- 【塔羅牌占卜】你會在意關於你的八卦嗎？
- 【汽車小百科】車類新聞擺在這

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Final Remarks

- ▶ *For all NPPs, no decision will be made until late January this year. A full-scope evaluation will be conducted to help determine to what extent the current energy policy needs to be revised after the referendum.*
- ▶ *The 1st, 2nd, and 3rd, and the mothballed 4th nuclear power plants should go for life extension and be restarted, respectively.*
- ▶ *The government should stop the delivery of the unused fuel assemblies from the 4th Nuclear Plant to the U.S.*
- ▶ *We continue to write editorial articles in major news media to put necessary pressure on the government.*



Into the Future

- ▶ *Put more efforts in general education to the public on nuclear safety, nuclear wastes disposal, and correct radiation knowledge.*
- ▶ *Continue to promote the concept of “going green with nuclear”.*
- ▶ *Strengthen international communications and information exchanges on general issues of nuclear energy.*

*Thank you all for listening
and for the invitation!*

