



Are All of Taiwan's Climate Pledges Real and In Compliance with UN Global Standards or are they Complete Greenwashing Failures?

Visuals, Timeline and Summary

Table of Contents

- **Executive Summary**
 - **Calls for Taiwan’s Inclusion in UN/COP28 Global System**
 - **Taiwan Government Claims it Should be Included in COP Meetings as Part of the Climate Solution**
 - **Is Taiwan an Environmental Laggard/Pariah or a Model Jurisdiction Everyone Wants to Partner With?**
 - **If Taiwan is an Environmental Laggard and Not A Model Jurisdiction Why Should Taiwan be Accepted to Into the Global System?**
 - **The Taiwan Government has Not Seized the Opportunity to Transform from Climate Pariah to a Model Jurisdiction**
 - **Visuals of Taiwan Climate Pledges Failures**
 - ▶ Climate Pledge #1 (2015) to Reduce Emissions is a Failure: Emissions Continue to Increase
 - ▶ Climate Pledge #2 (2017) to Reach 20% Renewable Energy by 2025 is a Failure: 20% Achievable Until Maybe 2027
 - ▶ Climate Pledges #3-#4 (2021-2022) to Reach “Net-Zero” by 2050 and introduce carbon taxes are a Failure: Planned Energy Mix Is Almost 30% Fossil Fuels
-

Table of Contents

- ▶ Pledge #5 (2023) to Shut Down Nuclear Energy by 2025 is a Failure to Taiwan's Energy Transition Pledges and Goes Against the will of the People
 - ▶ Pledge #6 (2023) to have 9%-12% hydrogen in the energy mix by 2050 is a Failure: Hydrogen is still an unproven technology, it is mostly manufactured using fossil fuels and Taiwan completely lacks hydrogen infrastructure
 - **Timeline: Taiwan's Climate Pledges Are Announced with Fanfare, but are Failures**
 - **Summary of Taiwan Government's Major Climate Pledges and Failures**
 - **New Environmental Bills and Amendments are Smoke and Mirrors**
 - **All of Taiwan's Climate Pledges Are Announced with Fanfare but are Failures**
 - **Taiwan's Government Originally Promised Climate Legislation and Pledges in 2015 but Failed**
 - **Taiwan's Government Promised More Ambitious Climate Legislation and Pledges in 2021 but is Failing**
 - **Taiwan Government Keeps Failing and Breaking Promises on Decarbonization**
 - **Do you Agree with President Tsai when She Says "no need to worry"**
 - **Taiwan Falls in Bottom Tier Ranking for GHG Emissions**
-

Executive Summary

- **The Taiwan Government is catastrophically failing to meet the UN decarbonization and energy transition goals**
 - **The Taiwan Government has failed to achieve all of the climate pledges it has set in the past**
 - **Taiwan remains the 10th largest GHG emitter per capita and is 7th from the bottom in the CCPI Performance Index**
 - **The Taiwan Government has failed catastrophically to decarbonize and complete energy transition**
 - **The Taiwan Government's plans, laws and guidelines to reach net-zero are all greenwash and do not actually reduce emissions or replace fossil fuels with zero-carbon energy**
 - **The Taiwan Government's failure to decarbonize and complete energy transition is a threat to Taiwan/US/Global supply chain resiliency and security. This will cause the hollowing out of the Taiwan economy**
-

Calls for Taiwan's Inclusion in UN/COP28 Global System

"Excluding voices from the global conversation on climate change is not only unfair, it is also self-defeating."

-Antonio Guterres, UN Secretary General (Portugal)

"We said leave no one behind, and I think member states have to find a way to make sure that we are not in that position where we're excluding people. Every person matters, whether it's Taiwan or otherwise"

- Amina Mohammed, UN Deputy Secretary General (Kenya)



Surangel Whipps
Palau,
President

Santiago Pena
Paraguay,
President

Terrance Drew
Saint Kitts and
Nevis,
Prime Minister

Kausea Natano
Tuvalu,
Prime Minister

Russel Dlamini
Eswatini,
Prime Minister

Philip Pierre
Prime Minister,
Saint Lucia

Taiwan Government Claims it Should be Included in COP Meetings as Part of the Climate Solution

- In 2021 President Tsai stated “no single country can address the global climate crisis alone and that Taiwan should be included as part of the solution to this issue...Taiwan is also working to become the Green Energy Hub in Asia.”
- In 2022 President Tsai stated "Taiwan is willing and capable to work side-by-side with our international partners to achieve our collective goal of net-zero emissions by 2050," Taiwan regards attaining net-zero and mitigating crisis as our collective and generational responsibility. And for this very reason, Taiwan should be included as part of the solution to address the global climate crisis.
- In 2023 MOFA reiterated Taiwan’s willingness to fulfill its responsibility as a member of the international community, and work with like-minded partners to combat climate change in the spirit of “Taiwan can help.”

But is Taiwan part of the solution or part of the problem? It is apparently an environmental laggard/pariah

Taiwan is a Global Environmental Laggard/Pariah as the 22nd Largest Global GHG Emitter

Rank ↕	Country/Territory	↕ CO ₂ per capita (t)	↕
21	 South Korea	11.9	
22	 Taiwan	11.9	
23	 Libya	11.1	
24	 Saint Pierre & Miquelon	10.5	
25	 Curacao	9.7	
26	 Czechia	9.2	
27	 Anguilla	9.2	
28	 Iceland	9.1	
29	 Greenland	9.1	
30	 Poland	8.6	

Taiwan is an Environmental Laggard/Pariah

- Taiwan ranks 7th from the bottom according to the 2023 Climate Change Performance Index (“CCPI”) which ranks territories based on their climate performance
- Taiwan scores poorly in the climate policy categories, GHG emissions, energy use, and renewable energy

57.	<u>△ Chinese Taipei</u>	28.35
58.	<u>△ Canada*</u>	26.47
59.	<u>▽ Russian Federation*</u>	25.28
60.	<u>— Korea</u>	24.91
61.	<u>△ Kazakhstan*</u>	24.61
62.	<u>△ Saudi Arabia*</u>	22.41
63.	<u>▽ Islamic Republic of Iran*</u>	18.77



Naturally, this situation would be different if Taiwan was an ecological model jurisdiction instead of an ecological laggard/pariah

How can Taiwan justifiably demand to join COP and UNFCCC meetings while claiming it can help be a solution to the global climate crisis but in reality Taiwan is a climate laggard and Pariah



If Taiwan is an Environmental Laggard and Not A Model Jurisdiction Why Should Taiwan be Accepted to Into the Global System?

Taiwan's Current Reality:

- Taiwan is currently a laggard and environmental pariah
- Taiwan is the world's 10th largest per capita emitter of GHG
- Taiwan ranks 7th from the bottom according to the 2023 Climate Change Performance Index ("CCPI")
- Currently Taiwan's regulatory regime follows a "check-the-box" reporting compliance system; there are no incentives or penalties for meeting/missing any requirements
- Taiwan loses international and domestic investors, corporate, strategic, financial, technology partners and institutional investors
- Companies and supply chains mass migrate away from Taiwan
- TWSE only measures 29 de minimis "check-the-box" sustainability criteria, far below the 640 sustainability criteria in the Dharma Codex
- Taiwan's de minimis "check-the-box" 6 hours of annual sustainability training for directors

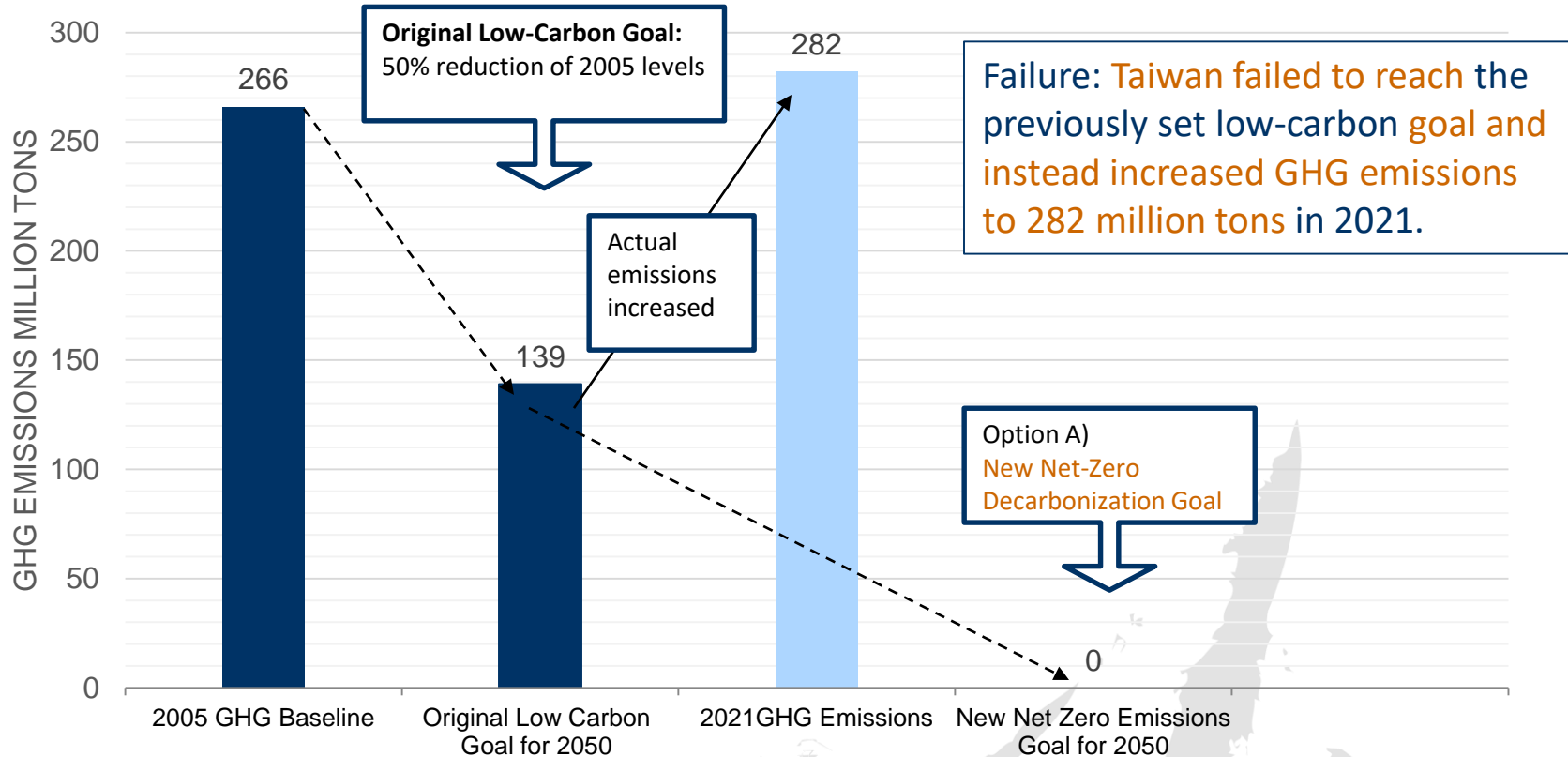
Taiwan' Opportunity (See slide 12):

- Transform Taiwan from an ecological pariah into an ecological model leading the world on the pathway to meet the challenges of climate change.
- Taiwan can decarbonize and complete energy transition over the next 40 years
- Taiwan closes the decarbonization energy transition gap and becomes the model jurisdiction all international and domestic investors, corporate, strategic, financial, technology partners and institutional investors want to partner with
- Successfully compete for international and domestic energy technology solution providers,
- Successfully compete for international institutional ESG investors and investment dollars.

Taiwan has Not Seized the Opportunity to Transform from Climate Pariah to a Model Jurisdiction

- **What would it take for the Taiwan government to seize the opportunity to actually transform itself into a model jurisdiction?**
 - ▶ Position Taiwan as a model for other jurisdictions to emulate in the Climate Solutions space.
 - ▶ Become the first jurisdiction to enforce operable, implementable and most effective global sustainable standards.
 - ▶ Establish legal frameworks and guardrails for monitoring, measuring and reporting on comprehensive sustainability criteria.
 - ▶ Include incentives and penalties to enforce changed behavior that drives decarbonization and energy transition.
 - ▶ Change Taiwan's regulatory regime that only measures 29 de minimis "check-the-box" sustainability criteria, far below the 640 sustainability criteria in the Dharma Codex.
 - ▶ Change Taiwan's de minimis "check-the-box" 6 hours of annual sustainability training for directors, hardly enough to even learn the most superficial topic names, let alone enough to achieve substantive expertise needed to make reasonable sustainability judgments. Taiwan needs to upgrade training to increase basic climate literacy and capacity
 - ▶ Foster global public-private partnerships at government, education, sustainable entrepreneurship, technology, NGOs and investor levels.

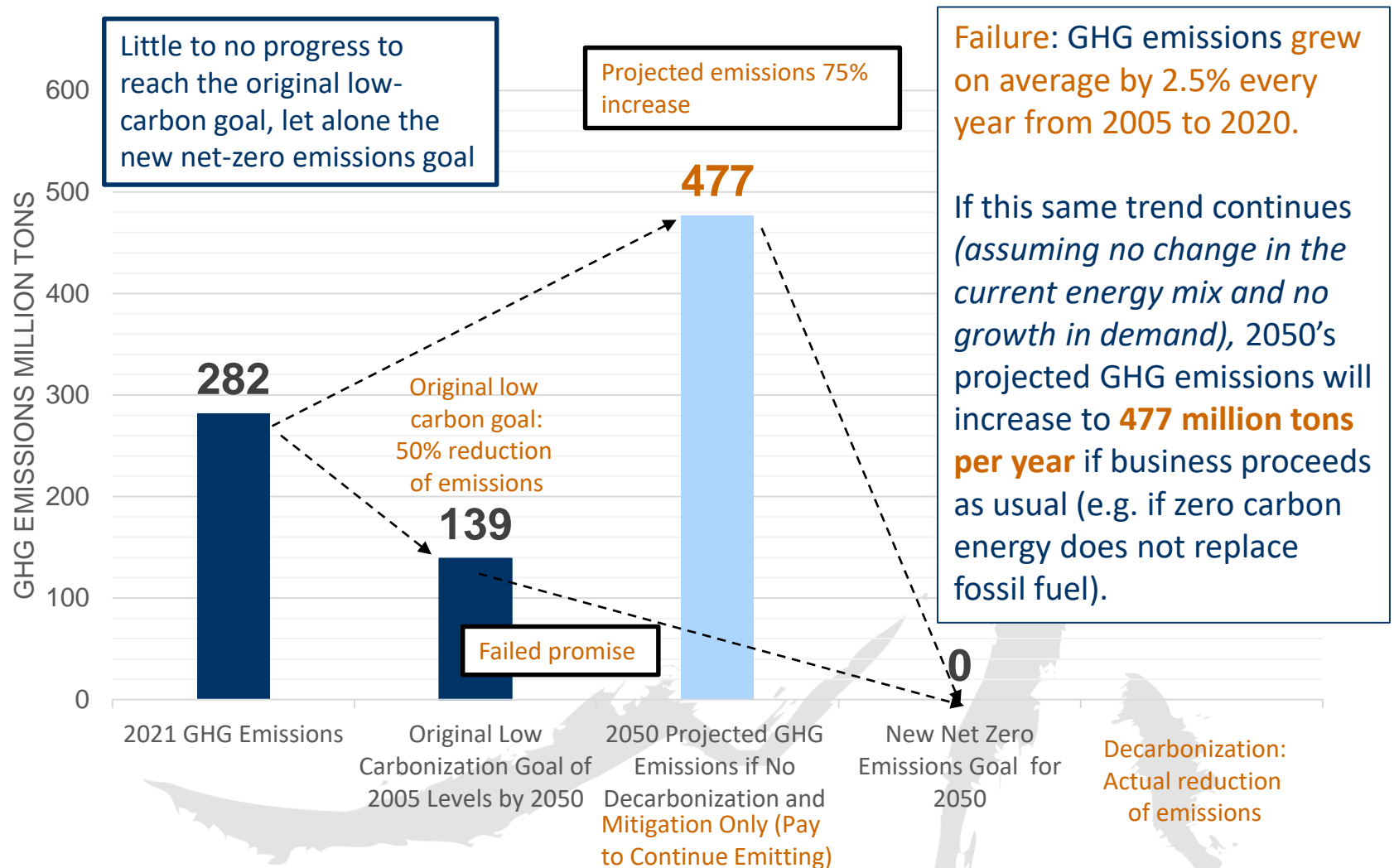
Climate Pledge #1 (2015) to Reduce Emissions is a Failure: Emissions Continue to Increase



*Net Zero is defined as:

- A) Reduce GHG emissions to zero, which is **decarbonization**, OR
- B) GHG emissions are mitigated (**pay to pollute**) 1-for-1 with **offsets**, which is not decarbonization and GHG emissions are not reduced to zero

Climate Pledge #1 (2015) to Reduce Emissions is a Failure: Emissions Continue to Increase



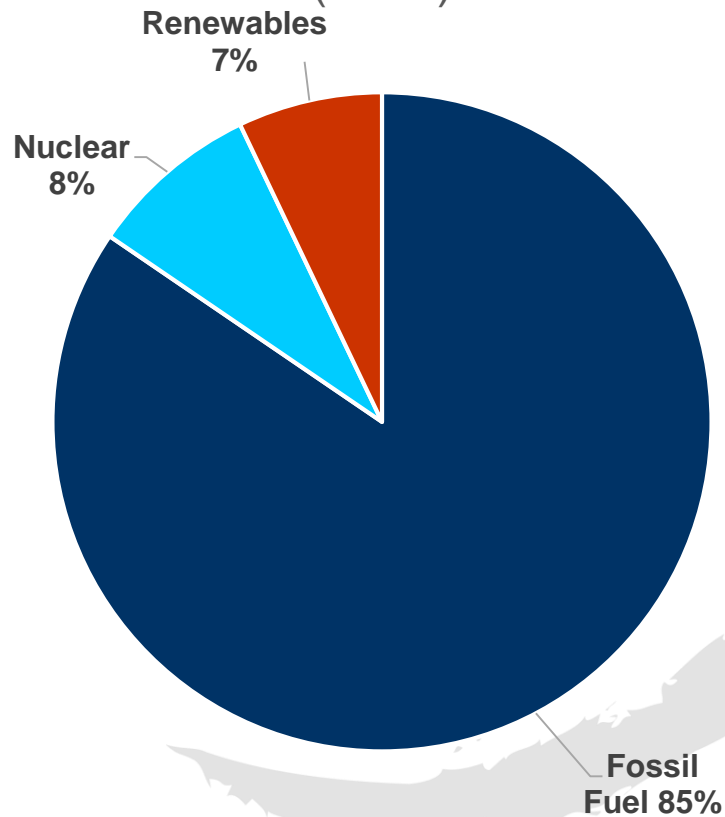
Additionally, Minister of Economic Affairs WANG Mei-Hua admitted the 20/80 will be delayed until 2027 13

Climate Pledge #2 (2017) to Reach 20% Renewable Energy by 2025 is a Failure: 20% Achievable Until Maybe 2027

Taiwan's Current Energy

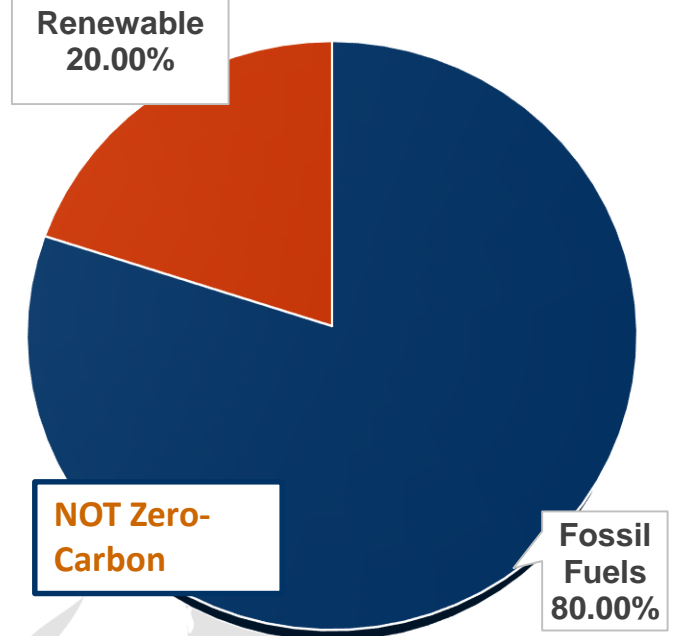
Reality

(2022)



Electricity Generation 2025 Goal

Failure



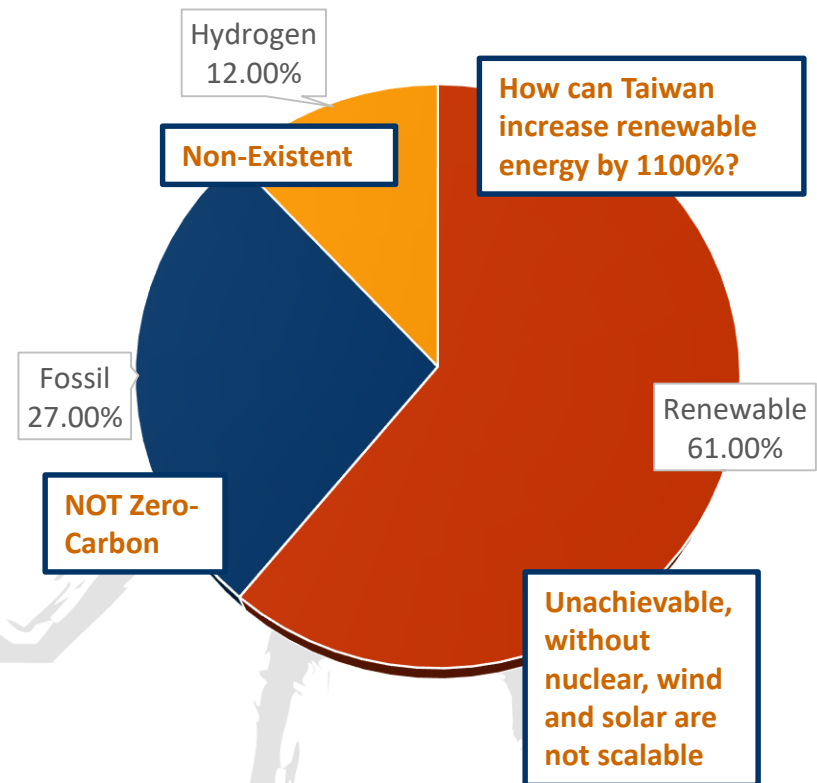
In March 2022, Economic Affairs Minister WANG Mei-Hua (王美花) admits Taiwan will reach its target of **20% renewable energy until maybe 2027**. **No decarbonization, no energy transition**

Climate Pledges #3-#4 (2021-2022) to Reach “Net-Zero” by 2050 are a Failure: Planned Energy Mix Is Almost 30% Fossil Fuels

Taiwan’s Roadmap does not lead to zero-emissions

- **Almost 30% of energy mix is still fossil**
 - ▶ NOT net-zero
- **Hydrogen technology is non-existent in Taiwan**
 - ▶ NOT net-zero
- **Carbon Capture (“CC”) technology is still unproven. CC is a pay-to-pollute scheme that does NOT lower emissions**
 - ▶ solar and wind energy, and electricity storage are improving faster than CC
 - ▶ CC is used as an excuse to keep polluting plants open
 - ▶ NOT net-zero
- **Taiwan Government’s “Carbon Neutral” Roadmap Is a Greenwashing Placebo Failure**
- **Nuclear is removed from the energy mix**

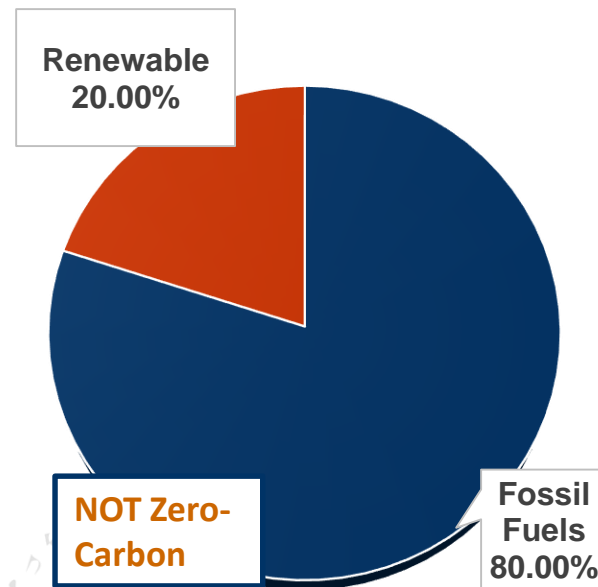
Electricity Generation in 2050 According to Taiwan Government’s “Carbon Neutral” Roadmap



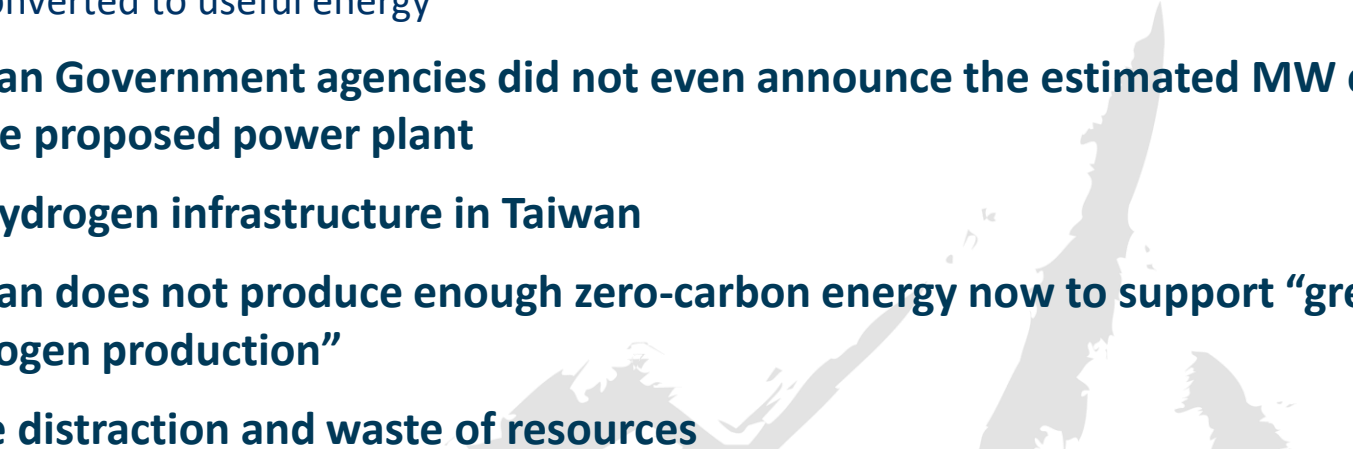
Pledge # 5 (2023) to Shut Down Nuclear Energy by 2025 is a Failure to Taiwan's Energy Transition Pledges and Goes Against the Will of the People

- Despite the results of the November 2018 referendum, showing 59% of citizens voted against the government's policy to phase out the use of nuclear energy by 2025
- The Taiwan Government plans to replace the only scalable, zero-carbon energy source with fossil fuels
- No decarbonization and no energy transition
- The share of fossil fuel energy in the mix increases
- 50 Jurisdictions around the world are expanding nuclear energy capacity and at COP28 22 countries pledged to triple nuclear energy by 2050
- Why is Taiwan the only jurisdiction shutting down nuclear energy?
- **Failure**

Electricity Generation 2027



Pledge #6 (2023) to have 9%-12% hydrogen in the energy mix by 2050 is a Failure: Hydrogen is still an unproven technology, it is mostly manufactured using fossil fuels and Taiwan completely lacks hydrogen infrastructure

- **The Taiwan Government claims that Hydrogen will be used in the national energy mix to decarbonize and complete energy transition is just more greenwashing**
 - ▶ Hydrogen is still mostly created using LNG
 - ▶ Less than 4% of the hydrogen produced today is clean according to Earth Justice
 - ▶ Each ton of hydrogen produced using fossil fuels releases 11 tons of CO₂
 - ▶ It takes more energy to produce, store and transport hydrogen than it does when converted to useful energy
 - **Taiwan Government agencies did not even announce the estimated MW capacity of the proposed power plant**
 - **No hydrogen infrastructure in Taiwan**
 - **Taiwan does not produce enough zero-carbon energy now to support “green hydrogen production”**
 - **Huge distraction and waste of resources**
- 

Timeline: Taiwan's Climate Pledges Are Announced with Fanfare, but are Failures

July 1,
2015

Name: Legislative Yuan passes the Greenhouse Gas Reduction and Management Act ("GGRMA")¹

Goal: By 2020, reduce greenhouse gas emissions by 2% of 2005 levels.

By 2050 to reduce GHG to 50% of 2005 levels

Result: In 2019, emissions exceeded the goal by 4.65%.

Failure: Taiwan fails to lower emissions and decarbonize. No energy transition.

Feb 15,
2017

Name: President Tsai announces plans to raise renewable energy generation to 20% by 2025²

Goal: Begin decarbonization and increase solar and wind generation.

Result: In 2017, renewable energy accounted for 4.5% of Taiwan's total energy mix. 3 years later, by 2020, it grew by less than 1 percent to 5.4%

Failure: The government fails to coordinate a whole of society effort and to incentivize private enterprises and foreign investment to bridge the renewable energy gap. No decarbonization no lowering of emissions.

2018

Name: GGMRA from 2015 are not achieved³

Goal: Reduce emissions to approach the goal of 2% of 2005 levels by 2020.

Result: Emissions continue to grow unabated.

From 1990 to 2018, Taiwan increased its CO2 emissions by 128%

Other developed economies like the EU decreased emissions by 23% in the same time period

Failure: Taiwan is behind other economies in climate mitigation. Taiwan ranks 7th from bottom for climate performance and is the 10th largest per capita emitter.

2020

Name: The First Target Year of the GGRMA

Goal: 2% reduction from 2005 GHG levels (266 Million Tons)

2020's emission goal is 261 Million Tons (2% less than 2005)

Result: Instead of the reducing emissions by 2% of 2005 levels, 2020 emissions exceeded the goal by 4.65%.⁴

Failure: No reduction of emissions and no decarbonization.

Sources

1. AmCham: <https://topics.amcham.com.tw/2015/09/carbon-abatement-and-energy-supply/>
2. Taiwan News: <https://www.taiwannews.com.tw/en/news/3095302>

3. AmCham: <https://topics.amcham.com.tw/2018/02/taiwan-track-reduce-carbon-footprint/>
4. Our World in Data: <https://ourworldindata.org/co2/country/taiwan>

Timeline: Taiwan's Climate Pledges Are Announced with Fanfare, but are Failures

April 22,
2021

Name: National Development Council declares “2050 Net-Zero Transition¹,” for COP26 Glasgow

Goal: Achieve Net-Zero by 2050.

Result: Only words, no action. All bark, no bite.

Failure: Taiwan does not lower emissions or decarbonize.

March 29,
2022

Name: Economic Affairs Minister Wang Mei-Hua (王美花) admits Taiwan will reach its target of 20% green energy one or two years later than the originally proposed 2025.

The 20% renewable energy goal is only attainable by 2027.

Goal: Achieve 20% renewable energy mix by 2025.

Result: To reach 20% renewable energy, the current 5% must increase 300%. Unaddressed problem is how to replace 80% fossil fuel with zero-carbon energy. Taiwan only has a 5% renewable energy mix as of 2021. ²

Taiwan does not lower emissions and is falling behind UN set goals.

Failure: Taiwan does not lower emissions or decarbonize.

March 30,
2022

Name: President Tsai Introduces Taiwan Net-Zero Roadmap 2050

Goal: Achieve decarbonization, energy transition and net-zero emissions by 2050.

Result: Government releases a future energy mix that is not carbon-neutral. Fossil fuels make up 27% of energy mix. Nuclear energy is removed from the mix.

Failure: The Government's Roadmap is fraudulent and does not lower emissions. Does not achieve Net Zero.

April 22,
2022

Name: President Tsai Announced a Phased in Carbon Pricing Scheme

Goal: Encourage emissions reductions.

Result: Pricing will not begin until 2025. Does not align with UN standards and timeframe. Carbon taxes do not lower emissions. Pay to pollute schemes are not decarbonization.

Failure: Carbon taxes do not lower emissions. Government greenwashing and pay to pollute mechanisms keep Taiwan from decarbonizing and reducing emissions and achieving net-zero.

Sources

1. NDC: https://www.ndc.gov.tw/en/Content_List.aspx?n=B154724D802DC488#:~:text=National%20Development%20Council,-mobile_menu&text=In%20response%20to%20the%20global,well%20as%20a%20global%20consensus.
2. International Trade Administration: <https://www.trade.gov/market-intelligence/taiwan-renewable-energy-market>

Timeline: Taiwan's Climate Pledges Are Announced with Fanfare, but are Failures

June 06,
2023

Name: Tsai reiterates net zero emissions goal

Goal: Achieve Net-Zero by 2050.

Result: Nuclear power plants, which accounts for 8% of Taiwan's total zero-carbon power generation, are scheduled to be taken offline by 2025. Zero-carbon energy will be replaced with LNG, a high emitting fossil fuel. No lowering of emissions and no decarbonization.

Failure: Taiwan fails to lower emissions and decarbonize.

June 09,
2023

Name: President Tsai reiterates pledge for homeland to be nuclear-free by 2025.

Goal: Shut down all nuclear power plants by 2025, contrary to people's will and referendum.

Referendum held on November 24, 2018, shows 59% of voters favor development of nuclear power.

Result: Taiwan shuts down its only scalable source of renewable energy. Nuclear energy is replaced with fossil fuels.

Failure: No energy transition. No decarbonization. The government's Net Zero pledge is a lie.

June 26,
2023

Name: Taiwan's National Development Council ("NDC") reiterates net-zero by 2050 goal

Goal: Achieve Net-Zero by 2050.

Result: The NDC's plan includes non-commercialized technology, and the plan still forecasts 20-30% fossil in the energy mix by 2050. The plan is to achieve Net Zero.

Failure: Complete lie. Not zero-emissions, no decarbonization and relies on non-existent and non-scalable technology

August 8,
2023

Name: President Tsai says transition to net zero emissions would stimulate more than NT\$4 trillion in private investment by 2030.

Goal: Stimulate NT\$4 trillion in private investment, generate NT\$5.9 trillion in production value and create 551,000 jobs by 2030.

Result: Companies are actually leaving as the Taiwan government fails to properly supply zero-carbon energy.

Failure: Impossible to generate NT\$4 trillion in private investment. No market conditions to attract the corporate, strategic, financial, technology partners and Institutional investors Mass migration of companies to jurisdictions with zero-carbon energy supplies.

Timeline: Taiwan's Climate Pledges Are Announced with Fanfare, but are Failures

Nov 14,
2023

Name: The LY allocates NT4 billion for a hydrogen power plant

Goal: Build a hydrogen power plant and make hydrogen 9%-12% of Taiwan's energy mix by 2050

Result: Hydrogen technology is still non-existent, Taiwan lacks hydrogen infrastructure and the zero-carbon energy needed to produce green hydrogen.

LNG will be used to produce hydrogen.

Failure: Budget is being spent on an unproven technology. Fossil fuels are still being used to produce hydrogen. It is complete greenwashing and it does not lead to decarbonization or energy transition.

Nov 19,
2023

Name: Ministry of the Environment releases updated National Climate Action Guidelines

Goal: Stresses the need to reach net-zero by 2050

Result: No real or actionable changes or proposals to increase Taiwan's zero-carbon energy mix beyond 20% after 2027. The updated guidelines prioritize the use of carbon fees which do not lower emissions and do not lead to decarbonization or energy transition.

Failure: The updated guidelines continue to be greenwash and fail to show how Taiwan will replace fossil fuels with zero-carbon energy.

Summary of Taiwan Government's Major Climate Pledges and Failures

Timeline: Major Announcements vs Actual Results

- ▶ July 1, 2015: Legislative Yuan passes the Greenhouse Gas Reduction and Management Act (“GGRMA”) with a goal to reduce greenhouse gas emissions by 2% of 2005 levels.
 - ▶ **Result:** Instead of the reducing emissions by 2% of 2005 levels, 2020 emissions exceeded the goal by 4.65%. No decarbonization, no energy transition
- ▶ June 2016: MOEA announces Taiwan will achieve 20% renewable energy by 2025
 - ▶ **Result:** In March 2022, Economic Affairs Minister WANG Mei-Hua (王美花) admits Taiwan will reach its target of 20% renewable energy until maybe 2027. No decarbonization, no energy transition
- ▶ April 22, 2021: National Development Council declares “2050 Net-Zero Transition” for COP26 Glasgow
 - ▶ **Result:** the Taiwan government offers no implementable plan to reach the goal. All talk no action.

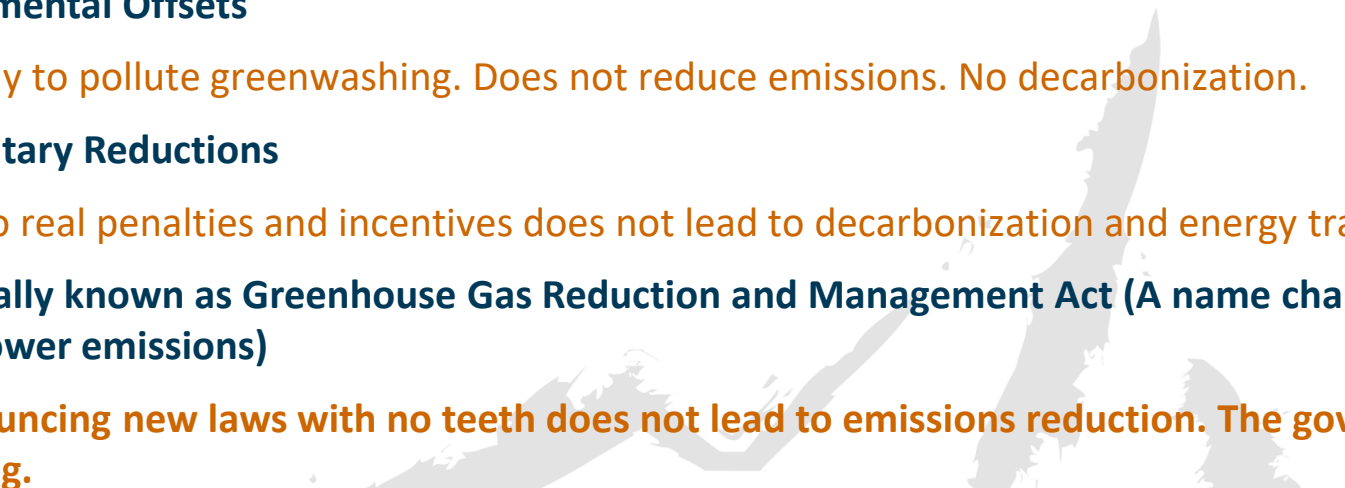
Summary of Taiwan Government's Major Climate Pledges and Failures

- ▶ March 30, 2022: President Tsai Introduces the Taiwan “Net-Zero Roadmap 2050”.
 - ▶ **Result:** Government releases a future energy mix that is not carbon-neutral. Fossil fuels make up 27% of energy mix. Nuclear energy is removed from the mix.
 - ▶ June 9, 2023: President Tsai reiterates pledge for homeland to be nuclear-free by 2025
 - ▶ **Result:** Taiwan plans to shut down its only scalable source of renewable energy despite the Referendum held on November 24, 2018, showing 59% of voters favor development of nuclear power.
 - ▶ August 8, 2023: President Tsai says transition to net zero emissions would stimulate more than NT\$4 trillion in private investment by 2030
 - ▶ **Result:** Companies have actually started to leave as the Government fails to provide zero-carbon energy. Impossible to generate NT\$4 trillion in private investment. No market conditions to attract corporate, strategic, financial, technology partners and Institutional investors. Mass migration of companies to jurisdictions with zero-carbon energy supplies
 - ▶ November 14, 2023: LY announces NT4 billion for a hydrogen power plant
 - ▶ **Result:** Hydrogen is still an unproven technology, the proposed power plant will use fossil fuels to produce hydrogen. No decarbonization or energy transition just more greenwash
-

New Environmental Bills and Amendments are Smoke and Mirrors

Climate Change Response Act (氣候變遷因應法)

The government announced the three-pronged approach to achieve the goal of net zero emissions by 2050:

- **Carbon Trading**
 - ↳ Pay to pollute greenwashing. Does not reduce emissions. No decarbonization.
 - **Incremental Offsets**
 - ↳ Pay to pollute greenwashing. Does not reduce emissions. No decarbonization.
 - **Voluntary Reductions**
 - ↳ No real penalties and incentives does not lead to decarbonization and energy transition.
 - **Formally known as Greenhouse Gas Reduction and Management Act (A name change does not lower emissions)**
 - **Announcing new laws with no teeth does not lead to emissions reduction. The government is lying.**
- 

New Environmental Bills and Amendments are Smoke and Mirrors

Renewable Energy Development Act (再生能源發展條例)

- Aims to encourage renewable energy use and promote energy diversification without any actionable articles.
- No implementable plan or outline as to how renewable energy power generation facilities can increase their installed capacity.
- No implementable framework.
- Taiwan companies are left rudderless.

New Environmental Bills and Amendments are Smoke and Mirrors

- **President Tsai is obscuring the truth of Taiwan's environmental crisis**
- **Taiwan passes irrelevant bills and amendments to distract the public's attention. Does not decarbonize and reduce emissions.**
- **No implementable solutions.**
 - ↳ **Distracts citizens from decarbonization and emission reduction.**



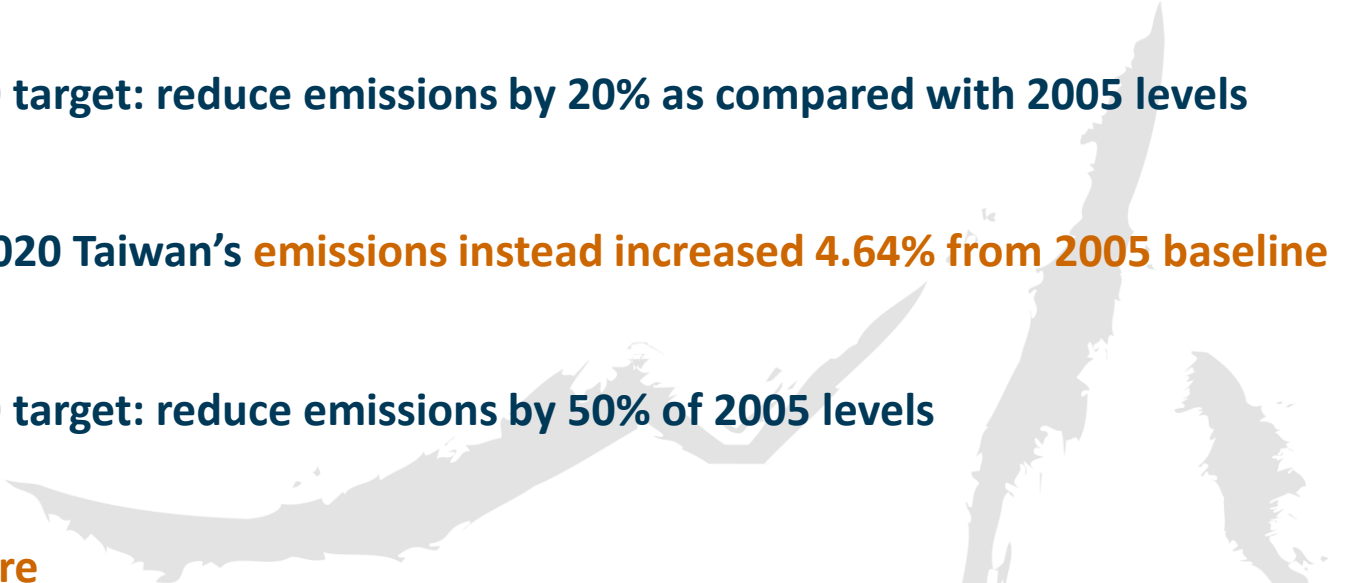
All of Taiwan's Climate Pledges Are Announced with Fanfare but are Failures

With all its previous failures, how can the Taiwan Government meet its own climate pledges or the UN emissions reduction standards, cutting emissions drastically by December 31, 2022, **peak emissions in 3 years by 2025, reduce emissions 43% in 8 by 2030, and reduce emissions at least 84% in 28 years by 2050** with:

- Laissez-faire approach
 - Pay to pollute schemes
 - Public relations announcements
 - Denials
 - Procrastination
 - Greenwash
 - Placebo
 - Inaction
 - All words and no actions
 - Where is the beef?
- 

Taiwan's Government Originally Promised Climate Legislation and Pledges in 2015 but Failed

Taiwan's First Goal (2015)

- In 2020 both the EPA Minister CHANG Tzi-Chin and Dr. LEE Hom-Ti, Deputy General Director of the Green Energy and Environment Laboratories (GEL) both admitted Taiwan's climate strategy were not in line with the Paris Agreement Goals
 - 2020 target: reduce emissions by 2% as compared with 2005 levels
 - 2030 target: reduce emissions by 20% as compared with 2005 levels
 - By 2020 Taiwan's **emissions instead increased 4.64% from 2005 baseline**
 - 2050 target: reduce emissions by 50% of 2005 levels
 - **Failure**
- 

Taiwan's Government Promised More Ambitious Climate Legislation and Pledges in 2021 but is Failing

Taiwan's Second Goal 2021

- On Earth Day, President Tsai announced **carbon neutrality** by 2050
- **No implementation plans or regulations** followed the announcement **ever. NONE. Never**
- Government pledged to achieve an **20/80** renewable to fossil energy mix by 2025
- On March 2022 Minister of Economic Affairs **WANG Mei-Hua** admitted the **20/80** will **be delayed until possibly 2027**
- **Failure**

Taiwan Government Keeps Failing and Breaking Promises on Decarbonization

- Taiwan is far from becoming a net-zero jurisdiction
- Empty pledges without proper implementation plans and regulations will not achieve decarbonization
- **Paying to pollute is not decarbonization**
 - ▶ Carbon Offsets
 - ▶ Carbon Taxes
 - ▶ Community Projects
 - ▶ Afforestation
 - ▶ Carbon Sequestration
- **Emissions NOT reduced. Fossil Fuels NOT replaced with zero-carbon energy sources**

Taiwan Government Keeps Failing and Breaking Promises on Decarbonization

- Taiwan continues to be a climate laggard/pariah amongst other developed economies
 - ▶ From 1990 to 2018, Taiwan increased its CO2 emissions by 128%
 - ▶ Other developed economies like the EU were able to decrease emissions by 23% between 1990 and 2018
- Taiwan has a history of promising climate action but failing to accomplish any meaningful pledges
 - ▶ Failure to reduce GHG emissions over time
 - ▶ Failure to transition to zero-carbon energy

**Is the Current Taiwan
Government's "Carbon Neutral"
Roadmap A Greenwash, Placebo
Failure That Fails to Achieve
Energy Transition,
Decarbonization and the Net-
Zero Goal?**

**What will the Next Taiwan
Government Do?**

Is the Current Taiwan Government's Net-Zero Emissions Roadmap:

- Only a Placebo
- No Implementation Plan
- Does Not Reduce Emissions
- No Coordination with ALL Stakeholders
- More Greenwashing and no Action
- No Objectivity, No Peer Review
- Just Political Talk and No Action

What will the Next Taiwan Government Do?

Do you Agree with President Tsai when She Says “no need to worry” ?

- “There is no need for the public to worry,” Tsai told a meeting with 12 environmental advocates at the Presidential Office on June 5th, 2023. ¹
- “... Taiwan’s ambitious program to drastically alter its energy mix has fallen far behind schedule, with all that implies for both industrial operations and national security...” -AmCham White Paper
- 20% Renewable energy is only achievable by 2027. 80% is still fossil fuels.
- The DPP government failed to reduce emissions and to decarbonize

Do you Agree with President Tsai when She Says “no need to worry” ?

- Is the DPP government is lying to Taiwan?
- Taiwan is a global Environmental Pariah
- **Taiwan’s exodus of supply chain leads to hollowing out of the economy**
- Taipower’s existing infrastructure is a cause of common concern. Taiwan is likely to experience more blackouts, not less.
- Action is required now, not in 2025 or 2027.
- Will the next Taiwan Government also not worry?
- **What will the next Taiwan Government do?**

Taiwan Falls in Bottom Tier Ranking for GHG Emissions

- **Minister of Economic Affairs Wang Mei-Hua (王美花) acknowledged that by 2025 the percent of renewable power will be 15.27% instead of their original goal of 20% ¹**
 - ↳ **Not only will Taiwan fail to meet its target, there remains 80% of fossil fuel energy that needs to be addressed.**
- **Taiwan ranks 7th from the bottom of 63 ranked countries in the 2023 Climate Change Performance Index² (“CCPI”) which measures climate performance**
- **Taiwan scores poorly in the climate policy categories, GHG emissions, energy use and renewable energy**
- **Taiwan is the 10th largest per-capita GHG emitter on the planet ³**
- **Share of zero-carbon energy is too low to deliver to all Taiwanese companies and supply chains that need it**
- **China’s energy mix will be 86% zero-carbon by 2060, currently China is at 35% zero-carbon**

Sources:

1. Taipei Times <https://www.taipeitimes.com/News/editorials/archives/2022/05/04/2003777671>

2. CCPI <https://ccpi.org/country/twn/>

3. Visual Capitalist <https://www.visualcapitalist.com/visualizing-global-per-capita-co2-emissions/>

4. <https://ourworldindata.org/energy/country/china>



For More Information

Contact

info@pamirlaw.com