

COP27

Climate Change



“ At COP21, nearly 200 countries signed the Paris Agreement, but no concrete action yet ”

“ IPCC AR6: “A code red for humanity” ”

An Urgent Issue That Has Been Left Unresolved For a Long Time

“ COP14 “The world is waiting anxiously for a durable and economically feasible solution to the pressing issue of climate change”, former UN Secretary-General Ban Ki-moon ”

“ “It’s irritating because they only talk and don’t act” Queen Elizabeth II @COP26 ”

“ “The world has entered a climate emergency”, UNFCCC Executive Secretary Patricia Espinosa ”

Adaptation

Solutions to address risks caused by climate change impacts

- Water resources:** Roads become water reservoirs
- Disaster prevention:** High water retention and water permeability > 12500mm/hr
- Ecology and health:** Roads become wetlands
- Heat island mediation:** Can be more than 20°C cooler than the asphalt roads during summer and can melt snow during winter
- Food:** Create urban farmlands

JW Eco-Technology

A Holistic Nature-based Solution for Climate Change Adaptation and Mitigation



Mitigation

Solutions to reduce carbon emissions that contribute to climate change

- Clean Energy:** Roads become green power plants
- Carbon capture and decontamination:** Captures at least 70% of CO₂ and pollutants within 20 minutes
- Low-carbon method:** Reduce up to 83% carbon emissions
- Safety:** 510 kgf/cm² or more for high load-bearing
- Sustainability:** Lifespan up to 30 years and above

2021 Initiative: "Use JW Eco-Technology to Create City Water Banks for Converting Stormwater Into Resources"

NO WATER NO FUTURE 水即未來

22 APRIL 2022 11:00 AM

COP27 theme: Adaptation, Decarbonization, Education

- Highly scalable:** Extensive application, education and training, and participation of all people
- Localization:** Urban ecology restoration, desert oasis economy, island adaptation

Practical example: Teachers and students of Li-Ming High School participated in the campus construction using JW Eco-Technology, which not only helped the school survive a rainstorm that poured 600mm of rain within 24 hours, but also turn 20,000 tons of storm water into water resources, solving the problem of annual flooding and water shortage in the 60 years since the school was built.



2022 Initiative: "Achieving 2050 Carbon Neutrality with JW Solar Permeable Road"

氣候緊急行動系列國際論壇之二：生

Climate Emergency Action International Forum Series2: Life

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22 APRIL 2022 11:00 AM

Invitation of speakers for 2023 International Forum, themed "Genuity", now in process