



NETWORK FOR CLEAN ENERGY TRANSITION IN PAKISTAN: RESEARCH AND ADVOCACY

ENGAGEMENT ROADMAP 2022



Network for Clean Energy Transition in Pakistan: Research and Advocacy



@NCET_Pak



Network for Clean Energy Transition in Pakistan: Research & Advocacy



Founding Members of NCET under three Working Groups



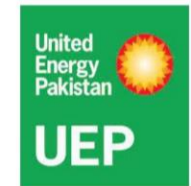
Renewable
Energy
Working
Group






Corporate
Sustainability
Group



Natural
Capital Impact
Group



What we Aspire to Do?

-  Conduct Evidence-based research on energy & climate issues
-  Capacity building through knowledge sharing & consultation dialogues
-  Workshops on “Policy Tools” and “Assessment Frameworks” for CET
-  Advocacy & communications outreach for energy & climate actions
-  Support businesses and enhance bilateral co-operations



Public Sector



Corporate Sector



Academia



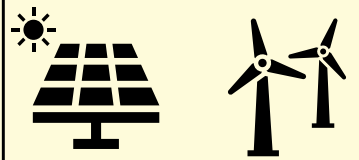
Think Tanks/CSOs.



Intl. Partners



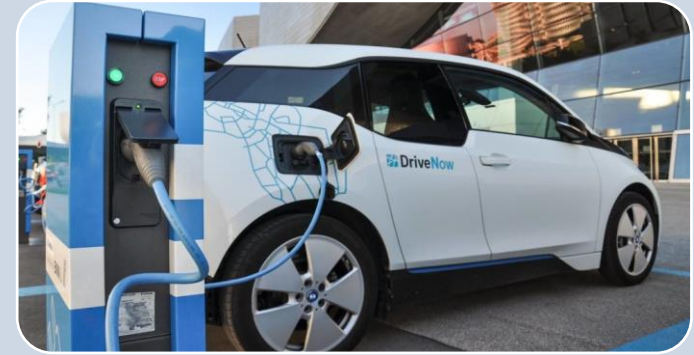
Media



Development Sector

NCET Research Themes 2022

Energy Security



Annual State of RE Report (ASSR)

Status of RE in 2022
Policy Landscape for RE
Market and Industry Trends
Off-Grid Solutions
Technology Outlook
RE and Carbon Intensity

Pakistan Gas sector Strategy

Initial Level Consultations
Growth and Challenges
Existing opportunities
Just Energy Transition

Electric Vehicles

Electric Vehicle Market
Readiness of Pakistan
Socio-Economic Impacts of
Pakistan Electric Vehicle
Policy
Battery and Hydrogen Fuel
Technologies

NCET Research Themes 2022

Energy Governance and Market Reforms



**Competitive Trading
Bilateral Contracts Market
(CTBCM)**

**Power Wheeling in
Pakistan**

**Competitive Bidding of
RE**

NCET Research Themes 2022

Energy Efficiency and Decarbonization



Energy Efficiency

Efficient Lightning
Industrial Efficiency
Active and Passive Energy
Conservation

Industrial Decarbonization

Hard to Abate Sectors
Industries in Transition
Informal SMEs
Just Energy Transition

Green Infrastructure

Grid Modernization
Energy Storage
Technologies
Climate Smart Houses
Clean Cooking

NCET Research Themes 2022

Energy Finance



Green Financing Mechanisms

Tools and Instruments
Debt Swaps, Green Bonds, De-risking etc.
ESG Reporting
Carbon Markets
Post COP opportunities



Greening CPEC

RE Investments in CPEC
Green Financing Guidelines
Investment Framework for CPEC



Corporate Investments

Regulatory Frameworks
Ease of Green Business
Economic Models for Green Projects

NCET Research Themes 2022

Climate Change and Ecological Assessment



**Natural Capital Forest
Restoration-Assessing the
Climate Change Impacts**



**Ecological Assessment of
Energy Sector Projects**

NCET Working Themes (Group Based)

Sr. No	Working Group	Key Research Themes
1	Renewable Energy Working Group	<ul style="list-style-type: none">• Annual State of Renewables Report.• Competitive Bidding of Renewable Energy.• Pakistan Gas Sector Strategies.• Green Infrastructure build-up.• Greening CPEC.• Energy Efficiency.
2	Corporate Sustainability Group	<ul style="list-style-type: none">• Competitive Trading Bilateral Contracts Market (CTBCM)• Power Wheeling in Pakistan.• Electric Vehicle Market Readiness.• Corporate Investments.• Green Financing Mechanisms.• Industrial Decarbonization.
3	Natural Capital Impact Group	<ul style="list-style-type: none">• Natural Capital Forest Restoration.• Ecological Assessment of Energy Sector Projects.

NCET Research Outputs (2022)

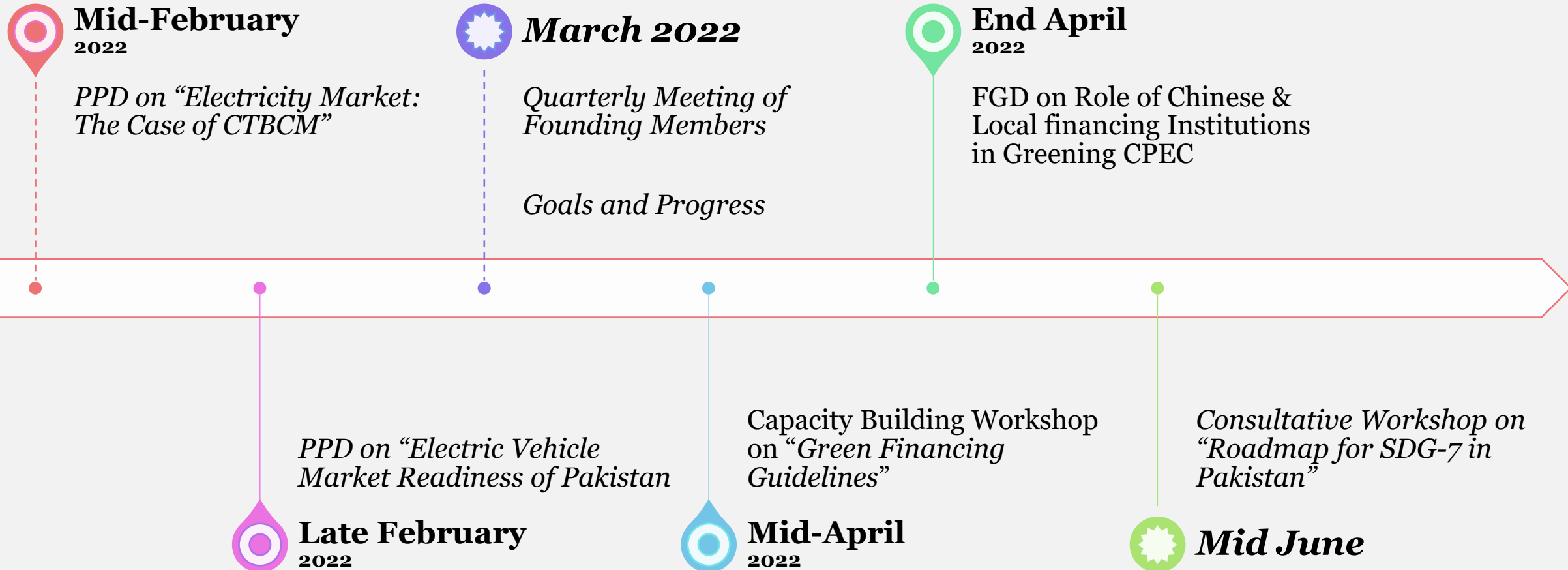
Working/ Policy Paper

- Annual State of Renewables Report.
- Role of private sector in Clean Energy Transition of Pakistan: A case of (CTBCM)
- Socio-Economic prospects of Electric Vehicle (EV) Policy 2019 and EV market preparedness of Pakistan
- Green financing guidelines and framework for China Pakistan Economic Corridor (CPEC)
- Greening CPEC: Green Transitions in Pakistan

Policy Briefs

- Role of Academia in Clean Energy Transition of Pakistan
- Role of Start-ups in Clean Energy Transition in Pakistan
- Green Financing to Support Energy Transition in Pakistan
- Prospects of Green Bonds to support transition in Pakistan
- Role of Chinese and local financing institutions in greening CPEC
- Lessons from China: The need to switch towards a greener future

Advocacy and Stakeholder Consultations (Feb – June)



Advocacy and Stakeholder Consultations (July – Dec)



Communications and Outreach

