



People's Voices
in Policy Choices



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SAMUHA



2014-2019
**INDIAN
NETWORK ON
ETHICS AND
CLIMATE CHANGE
(INECC)**



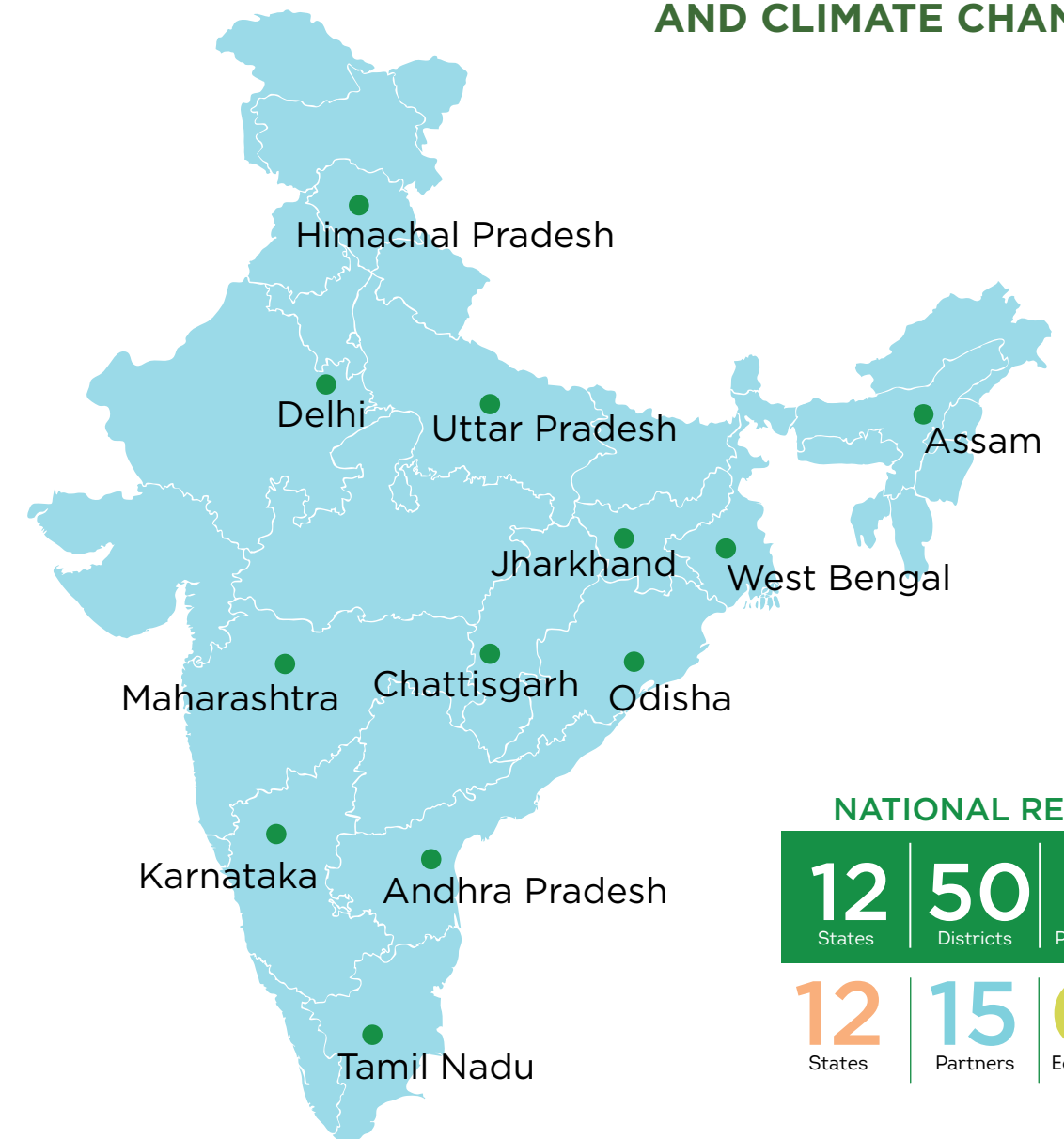


The Indian Network on Ethics and Climate Change (INECC) was born in 1996 to engage with the voices of the marginalized ecosystem communities who were being deeply effected from climate variability and change. The network is one of the first in the country which attempted to look at the climate crisis from a justice perspective way back in the early 90s. This was a time when Climate Change was not considered as a development agenda of the developing countries but an issue of the developed countries.

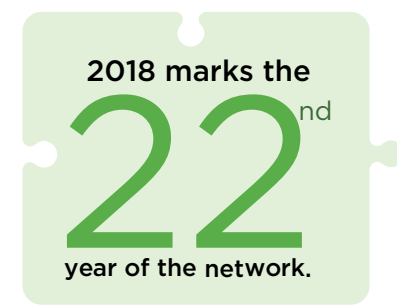
INECC comprises of people and institutions who work with diverse ecosystem communities. It soon realized that climate change was getting to be a big agenda for developing countries like India which had over seventy percent of its population dependent on climate sensitive natural resources, vital for survival and livelihoods of the communities.

Thus began INECC's journey of linking the micro (grassroots and community centric perspectives) with the macro (policy dialogues and linkages). INECC works with the aim of bringing **'People's Voices in Policy Choices'** much in line with its narrative of equitable and just development processes and outcomes. This also closely aligns with the SDG principle of **'leaving no one behind'**. INECC works with members & associates, and connects with 6 ecosystems, 18 members and partners across 12 states in India.

INDIAN NETWORK ON ETHICS AND CLIMATE CHANGE



NATIONAL REACH



This report provides us with a good opportunity to reflect on our journey, over the past 5 years, and at the same time celebrate our achievements and learnings.



PILLARS OF ENGAGEMENT

INECC partner engagements are aimed around these 4 broad areas:

**BUILDING
COMMUNITY RESILIENCE
TO CLIMATE CHANGE**

**CLIMATE CHANGE
EDUCATION**

**CLIMATE CRISIS AND
SUSTAINABLE
DEVELOPMENT**

**PARTNERSHIPS,
POLICY ANALYSIS
AND ADVOCACY**

BUILDING COMMUNITY RESILIENCE TO CLIMATE CHANGE

Resilience building aims to address the urgent need to develop adaptive capacities of the most vulnerable communities. Over the past few years, members of INECC have developed several approaches that reduce vulnerability towards building community resilience. These approaches together encompass the following:

- Adaptive sustainable farming
- Community focused, climate-friendly technologies for adivasi, rural and urban communities
- Climate education/climate knowledge management amongst a variety of stakeholders
- Building institutional capacity and strengthening Governance at the local level

The approach to climate proofing development through adaptive sustainable farming has promoted:

- Techniques of natural resource management using principles of Low Intensive Energy Sustainable Agriculture (LIESA)
- Choice of climate resilient crop varieties
- Promotion of community seed banks
- Techniques for resource conservation
- Selective afforestation
- Livestock
- Fisheries management

These approaches have resulted in addressing current vulnerabilities and strengthening adaptive capacities.

INECC impact

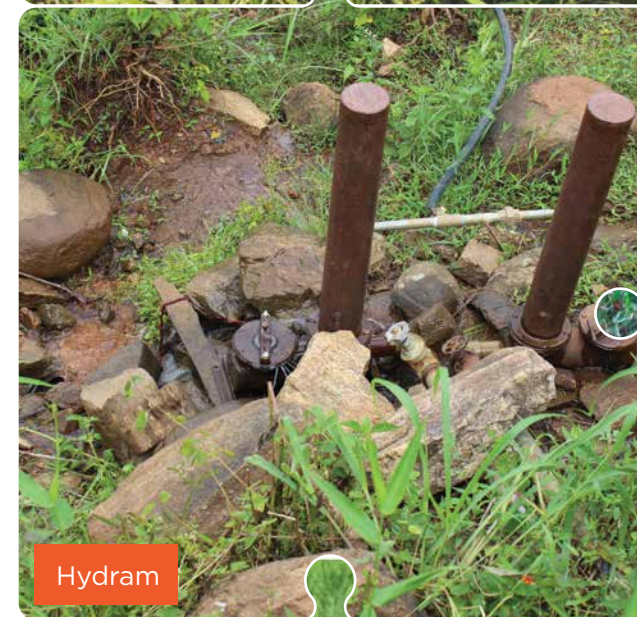
More than 5,000 most vulnerable and marginalised families across 7 states in India have reduced vulnerabilities and improved adaptive capacities through INECC initiatives.



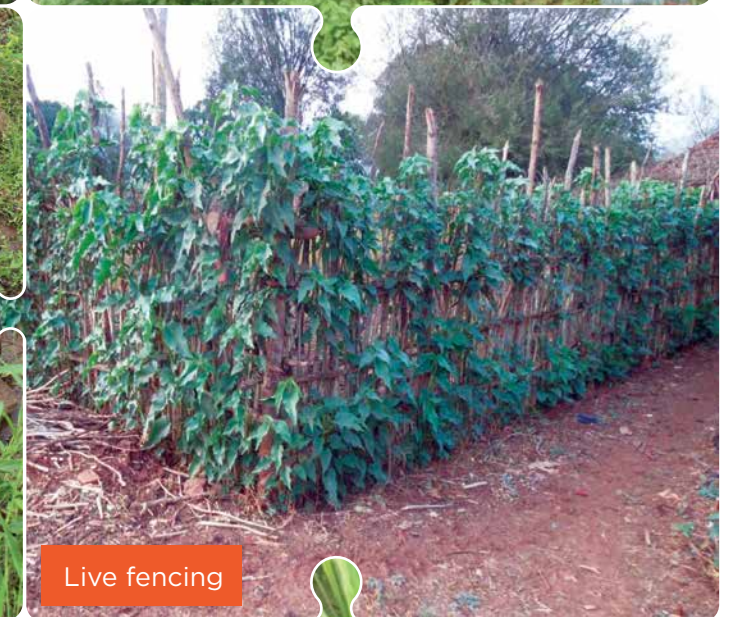
SRI



Promotion of kitchen gardens



Hydram



Live fencing



Improved agricultural tools



Crop water management

Source: Laya Resource Centre, Visakhapatnam



In Andhra Pradesh, which is **LAYA's** constituency, 900 tribal farmers have undertaken sustainable farming practices and are continuing their journey towards reducing climate induced vulnerabilities by improving food and nutritional security, generating improved incomes thereby building resilience.



SCINDeA, a Member in Tamil Nadu has promoted seed banks and low carbon farming practices across 800 small and marginalised farmers to bring back lost traditional seed varieties.



Water wheel promoted by VSP



Vikas Sahyog Pratishthan, working in the water stressed Vidarbha region of Maharashtra, has facilitated an array of water conservation structures, technologies and techniques, including SA practices towards promoting adaptation benefitting 27,754 lives. Some of these technologies have been developed to particularly benefit 10,842 rural and tribal women.



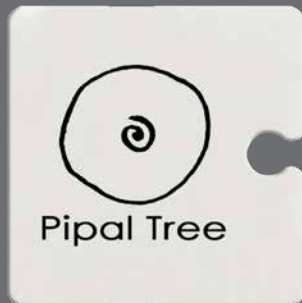
DHARA's work covers 2,500 vulnerable families of close to coast communities spread over five Gram Panchayats at the edge of the Bay of Bengal in Kendrapara District, Odisha. They are focused on building community capacity towards climate change resilient sustainable development. Areas of activity include energy efficiency (improved cooking systems, solar emergency lighting and charging, direct harvesting of sunlight for lighting); mitigation co-benefit at the community level; gainful utilization of saline water and soil.

In Uttarakhand, **Environics Trust** has promoted selective afforestation in the watershed areas in order to optimise production system for households in Nainital and Ramgarh, reaching out to 1,258 farmers living in the mountains. Environics Trust has also promoted avenues to increase shelf life of products through promotion of Cold Storages. Initiatives of improved and fuel efficient chullahs, low cost briquette making, low cost energy harvesting techniques for interior illumination, gravity water flow, hydrams and drip irrigation have benefitted more than 500 families.



Promotion of Climate Friendly Technologies

Desi Technology Solutions has aggressively promoted decentralized renewable based energy systems in very remote locations in Odisha. For example solar water pumping for ensuring rural water supply along with solar home lighting systems, hybrid wind and solar systems for tribal households, micro-hydro, hydram for drip irrigation etc., and has benefitted around 4,280 households from tribal communities namely the Bondas, Saoras, Kutias Kandhas, Gonds, Bhuiyas, Dongiria Kondh, Mankirdias, Jhodia Parojas, Mundas, Shabars and Lodhas.



Pipal Tree along with the State Government has been involved with 150 farmer households and has helped in promoting millets as a climate resilience programme, to save water, to improve nutrition etc. In recent years Pipal Tree has introduced a Millet Sisters Programme to mobilise 150 women in H.D. Kote Taluk of Mysore District, Karnataka on food sovereignty in the context of climate change.





Charcoal as cooking fuel

Samuchit Enviro Tech, an INECC member from Pune has been involved with the promotion of clean cooking energy devices based on biomass fuels and renewable biomass fuels for household and institutional/commercial use across four states in India.



Charcoal stove



Tandoor oven



Barbeque grill



Samuchit steam cooker

Products at Samuchit Enviro Tech

Resilience Approach of INECC

Sustainable farming practices: SRI, homesteads, land water management, multiutility biofencing, mud crab fattening, water chestnut farming, special grass for bank stabilisation, craft making and revival of millets.

Water conservation structures, technologies and techniques.

Seed banks and low carbon farming practices.

Selective afforestation and promotion of NTFP.

Decentralized renewable based energy systems: Solar water pumping solar home lighting systems, hybrid wind and solar systems, micro-hydro, hydram for drip irrigation, improved challohs, cold storages and briquette making.

Climate Education: Gram sabhas, women community leaders, teachers and Government officials.

Capacity Building on Development: Micro Planning at watershed level, disaster preparedness and local level energy planning.





INECC members have been closely involved in strengthening governance by building institutional capacity to enhance climate resilience.

This has involved empowering village level institutions like the women and youth groups, the gram sabhas, village heads, school teachers and local Government officials across key departments.

INECC partners have promoted people driven Micro Planning at watershed level, disaster preparedness, local level energy planning at the community level across six states (Odisha, Maharashtra, Uttarakhand, Andhra Pradesh & Karnataka.)



Building capacity of rural women on Energy and Climate change in Varanasi

Climate Change Education

Youth refers to young people between 16-35 years of age. INECC relates to youth as two broad categories: Student and Non-student youth.

These include students, young sarpanches, young Government officials, young entrepreneurs and other young professionals including architects, technologists, academicians etc.

The engagement with the youth is threefold:

- To bring in climate justice discussions to the table
- Explore linkages with their work with climate change and environment impacts
- Encourage them to take climate responsive actions

INECC members and associates reached out and sensitised more than 20,000 rural and urban youth from across 7 states in the past 5 years.

Students
 Young sarpanches
 Women groups
 Young farmers
 Young Government officials
 Young entrepreneurs
 Young professionals including architects
 Technologists
 Academicians
 Media

Overall, the engagement on climate change involved:

1. Creating awareness on climate justice and sustainable development
2. Developing climate change and sustainable development curriculums across 3 ecosystems
3. Inculcating energy efficiency, carbon audits and carbon footprint perspectives
4. Actions on waste management and zero waste lifestyle
5. Designing and implementing campaigns
6. Providing a solution based perspective to climate change
7. Undergraduate course in climate change and sustainability
8. Enhancing capacities of teachers, media persons, entrepreneurs and staff of CSOs

TARGET GROUP	OUTREACH
College students in Pune	150
Quarry youth and 7-8-9 th students in Tamil Nadu	1,282
Lenten campaign in Mumbai	250
Adivasi youth in Andhra Pradesh	439
Students from Doon School, Uttarakhand	60
Law college students, Jeypore, Odisha	63
Grads, undergrads, XIC, Mumbai	5,679
Students from Banaras Hindu University	180
High school students from Odisha	300
School students in Nagaland	742
University students in Visakhapatnam	60
College students in Shillong	85
College students in Rajasthan	48
College students from Anakapalle	300
15 Loretto Schools countrywide	116
Young professionals in Mumbai and Pune	50
Social media	15,000

9. The engagement with youth has led INECC to advocate for the need to create relevant teaching and learning tools to impart climate change education especially among the rural and tribal youth



Climate education among adivasi children, Andhra Pradesh, 2017



Yuva Drishi - Pune, 2018

Climate Crisis and Sustainable Development

At INECC, we recognize that climate crisis, now climate emergency is the result of a flawed development paradigm that the world has undertaken. This paradigm has resulted in overexploitation of natural resources, declining biodiversity, water stress, furthering inequity, increasing vulnerabilities and thereby exacerbating poverty.

INECC has endeavoured to further sustainable development looking at it through the climate and more specifically through the carbon lens. Building on this perspective that it has gained working with diverse ecosystem communities on climate crisis and sustainable development, one key activity that INECC was involved with during recent years involved developing perspective papers on the Sustainable Development Goals which relate closely to Climate Change.

These perspective papers have been discussed at various platforms and disseminated at state, national and international levels.

SDG 2: Zero Hunger SDG 4: Education
 SDG 7: Energy SDG 11: Cities
 SDG 12: Sustainable Production and Consumption

Since 2015, INECC partners have been aligning their work to contribute to these Global goals. INECC and partners have been involved with the National Voluntary Review (VNR) process and inputted into the indicator framework of the Government of India.



INECC platforms in Uttar Pradesh (Varanasi), Tamil Nadu (Madurai and Salem), Odisha (Bhubaneshwar), Assam (Guwahati and Tezpur) and Maharashtra (Pune and Mumbai) have directly engaged 550 individuals and organizations.

5,000 other individuals and organizations have been outreached through our social media posts on the SDGs.



SDG 11 dissemination meeting in Pune, Dec 2018



Latamoni, Rima and Beena, women farmers from Sonitpur District, sharing their experiences with various sustainable farming practices that they are adopting



Panel discussion on 'Sustainable Food Future' in Mumbai, Jan 2019



SDG dissemination meeting in Bhubaneswar

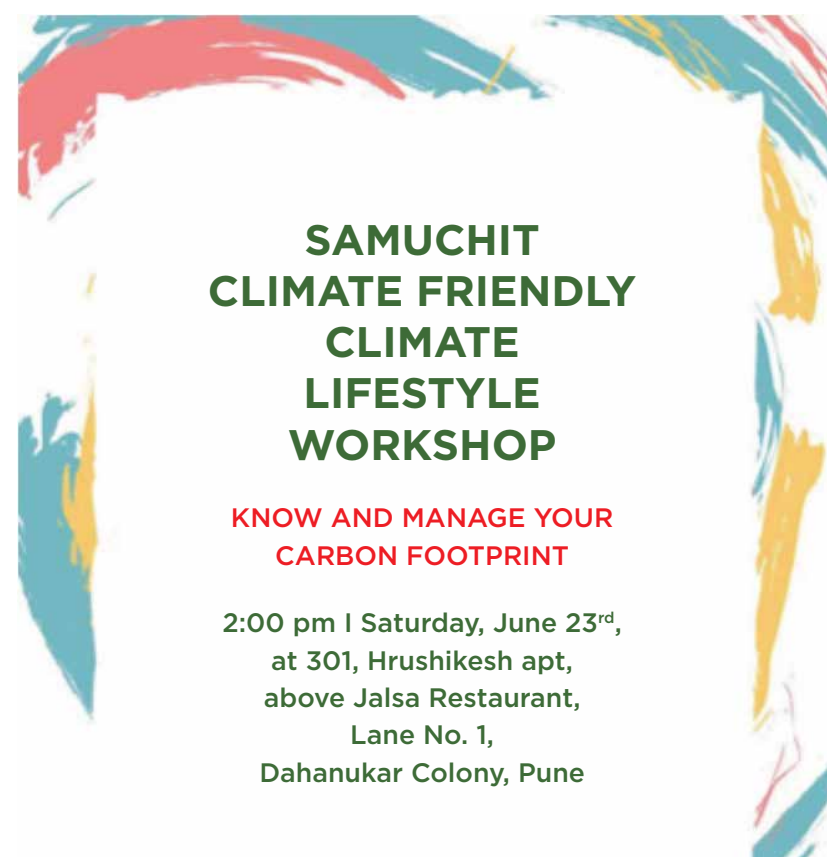


HOTEL GERMANUS

John Bushell Hall
26th October 2018
9:45 am - 4:30 pm



Inauguration by
Prof. Dr. G. Balaji
Architecture Department,
Thiagarajar College
of Engineering, Madurai



Partnerships, Policy Analysis and Advocacy

INECC strives to reinforce the micro-macro linkages into its work on policy and advocacy. It works with members and associates to ensure that the policies address the interests of the climate vulnerable and the marginalized.

Over the past five years INECC network has created space for itself as an effective civil society voice in the Indian context.

- Policy Processes - SAPCC, INDC, PA, AIB and Energy
- Relevant Actions - Carbon Accounting

INECC engaged with members and associates to reach out to over 100 grassroots organizations across 6 states on the climate agenda at the local and the state level.

INECC engagements created awareness and actions among civil society and Government officials on national and international processes related to State Action Plan on Climate Change (SAPCC), Intended Nationally Determined Contributions (INDC) and the Paris Agreement (PA). The states where engagements took place included Karnataka, AP, Jharkhand, Odisha, Assam, Rajasthan and Maharashtra.

Members and Associates in the North East, Rajasthan and Odisha built on this SAPCC intervention with the Government and civil society. Odisha partners developed a community action plan on Climate Change while the partner in Assam engaged closely with key Government departments to influence policies from a climate change lens.

■ The momentum built by the SAPCC process continued when 28 national and state level organizations signed a letter to the then PM on operationalizing equity in India's INDC.

■ INECC with its members developed perspective papers on selected SDG which was widely discussed at various forums across states including workshops and social media.

■ Inputted into India's indicator and the VNR process.

■ A National Consultation on energy and equity "Is a Decarbonized and Decentralized Energy Future a Possibility for India - The Energy Equity Link" brought together the 45 individuals and organizations across the country to showcase models of decentralized energy solutions.

■ INECC member filed a case with NGT on 4 big companies (NTPC, Adani, Bhushan and Aditya) against expansion or new coal mine/Thermal Power Projects, contributing to dirty energy. More than 60 air pollution monitoring devices have also been set up across 4 states.

■ Advocacy on the Asia Infrastructure Investment Bank (AIIB) on the need for Socially Relevant Infrastructure Projects.

■ Engaged with 28 corporates and SMSEs to advocate for carbon audits and greening their production and supply systems.

■ Leveraged Regional and International spaces to reinforce the value of resilience building among the most impacted.

At the adaptation spaces like APAN, it advocated the need for building adaptive capacities drawing from people and ecosystem centric approaches.

■ The CoP has allowed us visibility through our concomitant events and helped us share perspectives on community resilience building through the approaches that it experienced with the ecosystem communities; the latest being Cop 24 at Katowice on Adivasi women and Climate friendly technologies.



Pope Francis being explained Laya's work for the Adivasis in Andhra Pradesh

INECC @ the CoP

Much of INECC's engagement with the UN process has been through the formal spaces at the Conference of Parties (CoP) under the UNFCCC. From an SDG perspective our engagement at the CoP related to the following SDG goals: 2, 4, 5, 7, 11, 12, 13 and 15.

2015: Laya and INECC representatives attended the 21st session of the CoP at Paris. Laya had an exhibit booth focusing on community resilience practices. We contributed by sharing our work with civil society, through media interviews all relevant documents on the UNFCCC site for public access.

2016: Laya and INECC representatives attended the 22nd session of the CoP at Marrakesh. Along with an exhibit booth for the period of the conference, we also organized a concomitant event titled **"Towards - Building Community Resilience for the Marginalized across Vulnerable Ecosystems in South Asia"**, on 8th Nov. Best practices on community resilience were presented by practitioners from Nepal, Sri Lanka, Bangladesh and India.

2017: CoP 23 Bonn - Limited participation at CoP 23 at Bonn.

2018: Laya and INECC representatives attended the 24th session of the CoP at Katowice. With an exhibit booth which focused on sustainable lifestyle a concomitant event titled **"Climate Friendly Technologies: Improving Adaptive Capacity of Women and Building Resilience"** was organized on 3rd Dec 2018. The event presented case studies from developing and LDCs on locally relevant climate friendly technologies beneficial for livelihood needs of vulnerable communities especially women. Along with the case studies, barriers and policy recommendations for promoting and scaling up these technologies was discussed. Blogs were written by speakers and circulated in appropriate forums.



INECC representatives sharing the research on AIIB in a South Civil Society Conclave, Delhi in Dec 2018



INECC representatives at the Asia Pacific Adaptation Forum (APAN), Manila





Indian Network on
Ethics & Climate Change

INECC Secretariat

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