

Dear Colleagues,

On behalf of the Climate Change Team under the Environment, Climate Change and Natural Resource Management (ECCNRM) Cluster of GIZ India, I am very pleased to share our sixth update of knowledge products. It comprises knowledge products of the last nine months which are available in the public domain with focus on popular articles, selected technical reports and media coverage of relevant events, with a view towards wider outreach of our work's outcomes and key learnings.

Your feedback and comments are welcome.

Regards,

Sanchita & Anindya



## POPULAR ARTICLES



### **The need to build an effective mechanism and value chain for E-waste management in India**

By: Kundan Burnwal, Aruneema Singh & Dilshad Ahmad

The article takes a look at the rising problem of electronic waste and dwells upon the effective structuring and management of formal and informal sectors to tackle this issue in a safe manner.

[Read more](#)



### **Circular Fashion and Textiles in India: from mindless and wasteful patterns to mindful and deliberate utilisation**

By: Kavya Arora & Meghana Kshirsagar

The article highlights the need for the right actions from the policy makers and effective collaboration between Government, industry, and innovators in the textile sector to facilitate a sustainable transition to a circular economy.

[Read more](#)



### **Analysis of Synergies and Trade-offs in the Water-Energy-Food Nexus**

By: Indo-German development cooperation project on "Supporting the Institutionalisation of Capacities on Climate Change Studies and Actions (ICCC)"

The article stresses upon the need for a multi-objective optimisation model to maximise crop diversity, farmer's income, kcal production and minimise water use, especially in the Indo-Gangetic Plain which demands agricultural intensification.

[Read more](#)



## Mainstreaming Climate Resilient Infrastructure

By: Indo-German development cooperation project on “Supporting the Institutionalisation of Capacities on Climate Change Studies and Actions (ICCC)”

The article highlights the need to adapt actions in the transportation system including new infrastructure designs and asset management programmes to tackle future climate conditions.

[Read more](#)



## Energy-Environment-Economy Implications of Transport

By: Indo-German development cooperation project on “Supporting the Institutionalisation of Capacities on Climate Change Studies and Actions (ICCC)”

The article takes a look into the concerted effort towards a new policy in sync with India’s commitment to reduce greenhouse gas emissions intensity by increasing the share of railways in total land transportation.

[Read more](#)



## Assessing the potential of Peri-urban agriculture under changing climate

By: Indo-German development cooperation project on “Supporting the Institutionalisation of Capacities on Climate Change Studies and Actions (ICCC)”

The article highlights Peri-urban agriculture as an important activity to lessen the concerns of food and nutrition provision for the rising city population through effective land-use pattern.

[Read more](#)



## Sustainable Consumption Pathways to Progress

By: Indo-German development cooperation project on “Supporting the Institutionalisation of Capacities on Climate Change Studies and Actions (ICCC)”

The article takes a look at the study evaluating household carbon emissions and understanding the extent of nation-wide emissions, variations and impact across socioeconomic strata and agroecological zones.

[Read more](#)



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## SELECTED EVENTS



### Alag Karo Photography Contest

**About:** Saahas, along with its partners Coca-Cola, TetraPak and GIZ organised a 'Photography Contest' under the develoPPP project 'Alag Karo'. The aim was to encourage people to pay attention to this issue and the people who work with it, look at it with a different lens.

[Read more](#)



### Training Workshop on "Extended Producer Responsibility (EPR) in Plastics and Packaging Waste in India"

**About:** A Training Workshop on "Extended Producer Responsibility (EPR) in Plastics and Packaging Waste in India" was organised in Chennai by the Department of Environment, Forest and Climate Change, Government of Tamil Nadu, Tamil Nadu Green Climate Company in collaboration with GIZ India and FICCI.

[Read more](#)



### RACE for making UP free of single-use-plastic begins

**About:** The mass movement RACE [Reduction, Awareness, Circular (solutions) and (mass) Engagement] Campaign for making Uttar Pradesh free of single-use-plastic begins.

[Read more](#)



### War against Plastic: Focus on Capital

**About:** In collaboration with the Directorate of Environment and Climate Change, Government of Kerala and the Centre for Environment and Development (CED), the Indo-German development cooperation project 'Circular Economy Solutions Preventing Marine Litter in Ecosystems (CES)' organised its project planning workshop at Thiruvananthapuram on 10 August 2022.

[Read more](#)



### Online Seminar on Circular Economy in E-waste Management

**About:** The workshop was organised to build capacity and create awareness on E-Waste Management. The emphasis of the workshop was on highlighting how sustainable E-Waste Management contributes to the development of a circular economy in India.



### Online Seminar on E-waste Channelisation, Audit & Cost of Compliance under E-waste Management Rules in India

**About:** The aim of the online seminar was to understand the impact of these rules on the industry from the producer's perspective and also talk about different challenges which the stakeholders face and what can be done to minimise these challenges in favour of the industry and the environment.

[Read more](#)



## National Level Workshop on the EPR Framework for E-waste Management in India

**About:** GIZ India and RLG Systems India Private Limited have joined forces for the implementation of a three-year-long develoPPP Project titled “Setting Up Innovative Value Chain for e-Waste Management” also known as “E-Safai” initiative.

[Read more](#)



## Online Seminar on Hazardous Impacts of E-waste on Environment and Human Health

**About:** Several panellists came to share their perspective and knowledge about the consequences of improper disposal of waste through the informal sector and how India can move forward towards a sustainable future.

[Read more](#)



## Online Seminar on Roles & Responsibilities of Bulk Consumers under EPR

**About:** The objective was to make stakeholders involved in electronic waste value chain to understand E-waste material flows, management strategies and determinants related to Bulk Consumers in India for Sustainable E-Waste Management.

[Read more](#)



## ‘Cheela Mela’ (Cloth Bag Fair) organised to promote the use of cloth bags among market-goers

**About:** The event ‘Cheela Mela’ (Cloth Bag Fair) was organised by the ‘Waste Solutions for a Circular Economy in India’ NAMA facility project to promote the use of cloth bags among market-goers.

[Read more](#)



## A mega drive against use of polythene in Varanasi

**About:** A mega drive against use of polythene was launched to make Varanasi city and its ghats pollution free under the RACE campaign (Reduction, Awareness, Circular, and Engagement) by the Government of Uttar Pradesh.

[Read more](#)



## The Corporation of City of Panaji (CCP) launches AmkaNakaPlastic, MakaNakaPlastic campaign

**About:** A collaborative campaign was organised by GIZ on behalf of the Waste Solutions for a Circular Economy in India project to promote the use of cloth bags among shoppers in Goa.

[Read more](#)



## Trichy Uzhavar Sandhai turns plastic-free and eco-friendly

**About:** The NAMA facility supported project 'Waste Solutions for a Circular Economy in India', launched the the single-use plastic-free market initiative in collaboration with the Trichy City Municipal Corporation to celebrate 'Plastic Free July'.

[Read more](#)



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## OTHER DOCUMENTS



### Climate Change Adaptation in Agriculture value-chain in Haryana

**About:** The Indo-German development cooperation project 'Climate Adaptation and Finance in Rural India (CAFRI)' supports NABARD and farmers in Haryana to adapt agricultural value chains to climate change.

[Read more](#)



### Pathways for Preventing Riverine and Marine Litter: Enabling a Circular Economy Framework for the state of Uttar Pradesh

**About:** The publication gives an overview of various initiatives by the Uttar Pradesh Government towards addressing the issue of plastic waste, riverine pollution and includes the 'UP Charter on Plastic Waste Management'.

[Read more](#)



### Challenges and opportunities for Implementing Voluntary Climate Action in the Indian Private Sector

**About:** The publication captures the challenges and opportunities that leading Indian companies face in adopting Voluntary Climate Action (VCA) tools.

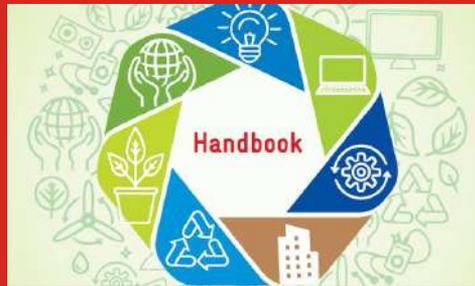
[Read more](#)



## Climate Resilient Livelihoods with Minor Millets in Mandla

**About:** The Indo-German development cooperation project 'Climate Adaptation and Finance in Rural India (CAFRI)-NABARD' is working towards climate adaptive farming and financially sustainable models by using the millet value chain in Mandla, Madhya Pradesh.

[Read more](#)



## A handbook on Business model toolbox for setting up an E-waste recycling facility

**About:** Includes sections such as requirements for dismantling facility, project planning and consent to establish/operate application, details of environmental clearance & authorisation, regulations related to 'Transboundary movement of E-waste' and detailed list of machinery required to establish a recycling unit.

[Read more](#)

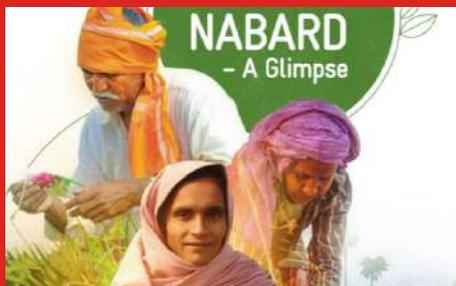


## E-learning courses on accessing Voluntary Carbon Markets for startups and MSMEs

**About:** This e-learning course is targeted at enterprises (start-ups, MSMEs, etc.) that are interested in carbon markets, understand the emission reduction potential from their industry and/or enterprise, and wish to develop a VCM project.

[Basic Course](#)

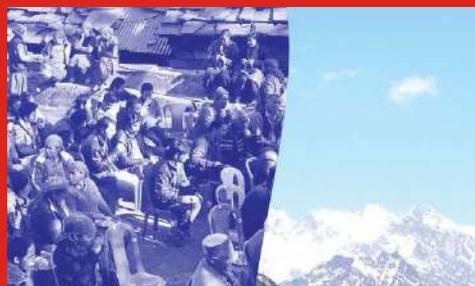
[Advanced Course](#)



## NABARD launches a digital dossier of climate change interventions

**About:** The dossier showcases the various mitigation and adaptation interventions carried out under AF, GCF and NAFCC. The design and structuring of the dossier was supported under the Indo-German development cooperation project 'Climate Adaptation and Finance in Rural India (CAFRI) - NABARD'.

[Read more](#)



## Capacity Development Package: Himachal Pradesh

**About:** As part of the Indo-German development cooperation project 'Climate Adaptation & Finance in Rural India (CAFRI)' being implemented in the state of Himachal Pradesh, a detailed capacity development package has been prepared for vulnerable target groups; Mahila Mandals, representative of Panchayati Raj Institutions (PRIs).

[Trainer's Manual for Mahila Mandal](#)

[Trainer's Manual for PRIs](#)



## Digital solutions for climate action: NAMA Support Projects engage virtually while delivering ambitious climate action during Covid-19

**About:** This article was written to highlight the use of digital solutions by NAMA Support projects across countries including India to engage virtually with stakeholders to deliver climate action.

[Read more](#)



## Promoting the formalisation of informal waste workers in Varanasi

**About:** This article highlights the state of informal waste collectors in Varanasi and the need to link them with the formal waste management sector.

[Read more](#)



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## MEDIA COVERAGE OF SELECTED EVENTS

Trichy: On the occasion of international plastic bag-free day annually celebrated on July 3, the Uzhavar Sandhai vegetable and fruits market at Thennur, Trichy city has become a plastic-free and eco-friendly market. Traders and consumers are prohibited from using and carrying banned plastic bags. Only eco-friendly products will be available in the market.

**live VNS**

वाराणसी जंक्शन के यात्री हाल में कठपुतलियों ने किया सिंगल यूज प्लास्टिक इस्तेमाल न करने की अपील

By SP/Anand / 2 Jul 2022

रिपोर्ट : राजेश अग्रहरी

वाराणसी। उत्तर रेलवे के वाराणसी स्टेशन पर 10000 से अधिक लोगों ने एक कठपुतली प्रदर्शन किया। इस कार्यक्रम का उद्देश्य है कि यात्रियों को सिंगल यूज प्लास्टिक इस्तेमाल न करने की अपील करने के लिए। इसमें अलग-अलग तरह के कठपुतलियां लगीं।

Also Read - वाराणसी: कुर्काली में पुर्न संरचना

इस संरचना में मुख्य स्वरूप त्रिचयिक के एक कठपुतली के माध्यम से सिंगल यूज प्लास्टिक इस्तेमाल न करने की अपील करने के लिए। इसमें अलग-अलग तरह के कठपुतलियां लगीं।

**Hindustan Times**

Drive against single-use plastic

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**THE TIMES OF INDIA**

Bengaluru: 500 reusable cloth bags distributed at Cheela Mela

THN / Updated Jul 4, 2022, 05:20 IST

ARTICLES

- Bengaluru: 500 reusable cloth bags distributed at Cheela Mela
- Bengaluru: A startup providing 24-hour Ultra Distance Lane
- Bengaluru: India's first 24-hour Ultra Distance Lane
- Kolkata: Closure of national flag in many houses

**THE TIMES OF INDIA**

Trichy Uzhavar Sandhai turns plastic-free and eco-friendly

THN / Jul 4, 2022, 03:25 IST

ARTICLES

- Trichy Uzhavar Sandhai turns plastic-free and eco-friendly
- With the festive season right around the corner, here's why you...
- 30 for food pollution in Trichy, but city folk, ward tanks...
- Trichy rural cops track down an accused, arrest 3

Trichy: On the occasion of international plastic bag-free day annually celebrated on July 3, the Uzhavar Sandhai vegetable and fruits market at Thennur, Trichy city has become a plastic-free and eco-friendly market. Traders and consumers are prohibited from using and carrying banned plastic bags. Only eco-friendly products will be available in the market.

**Bangalore Mirror**

Mon Oct 10, 2022 MUMBAI MIRROR | PUNE MIRROR

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What a crowd!

By Pitha Pattana / Updated: Aug 18, 2022, 01:04 IST

For first time, Lalbagh flower show had over 8.34 lakh visitors

This year, the Lalbagh flower show broke its own record with over 8.34 lakh people visiting the botanical garden between August 5 - August 15.

From the 8.34 lakh people who visited the show, a revenue of Rs 3.24 crore were generated. On Independence Day alone, three lakh people visited Lalbagh, generating a revenue of Rs 1.24 crore.

01/07/2022

VARANASI: A mega ghats pollution free Engagement) by go collaboration with C about ban on single

**About ECCNRM** The Environment, Climate Change and Natural Resource Management Programme of GIZ India supports communities, public and private institutions to improve and conserve natural resources, minimise risks from climate change and enhance rural livelihoods.

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