



# BEAT PLASTIC POLLUTION

OUR OFFER TO REDUCE PLASTIC WASTE LEAKAGE INTO THE ENVIRONMENT

# Outline



## Plastic Pollution

What is the challenge?

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## The Way Forward

How to approach plastic pollution?

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## GIZ's Expertise

Why work with us? + *Selected project references*

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## Together for Change

How to do business with us? + *Country profiles*

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A close-up photograph of a person's hand, palm up, holding a large quantity of small, multi-colored plastic fragments (microplastics). The fragments are dark grey and black, with some specks of blue, green, and red. The background is blurred, showing a person wearing a blue and white plaid shirt.

# PLASTIC POLLUTION

WHAT IS THE CHALLENGE?

## Plastic pollution is a growing global concern for healthy lives on a healthy planet



Nearly **80% of all plastic waste** accumulates in landfill or the natural environment



Between **4 and 12 million tonnes of plastic waste** enter the sea each year – roughly one truck load every minute



Plastic litter in landfill and the environment could more than double to **12 billion tonnes** by 2050



By 2050 the plastic industry could account for 20% of the world's total oil consumption and **15% of the annual carbon budget**



Unmanaged plastic waste in urban areas increases the **risk of flooding and the spread of disease**



More than **800 species** are affected by marine litter of which 17 are threatened or endangered



**Trillions of microplastic particles** are in the global waters and soil with unknown consequences for human health



There could be “**more plastics than fish**” in the sea by 2050

## The issue is increasingly recognised globally but commitments need to translate into effective national and local action



- **Agenda 2030** and in particular SDG 14 “Life Below Water” aims to “prevent and significantly reduce marine pollution of all kinds, in particular from land-based activities [...] by 2025”.
- **G7/G20** set up a “Global Network of the Committed” and “Resource Efficiency Dialogue” to implement Action Plans on Marine Litter
- **“European Strategy for Plastics in a Circular Economy”** envisages to render all plastic packaging reusable and recyclable by 2030
- **Clean Oceans Initiative** of KfW, EIB und AFD: 2 billion EUR for solid waste and waste water projects in the next 5 years
- New multi-donor trust fund **ProBlue** of the World Bank to fight marine litter
- Private sector **Alliance to End Plastic Waste** committed 1.5 billion USD for waste infrastructure, innovation and education in the next 5 years

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A crucial challenge remains in translating the international conventions and initiatives into effective national and local measures beyond end-of-pipe clean-up solutions. Investments and efforts need to focus on tailor-made sustainable waste management solutions and measures for developing and establishing a circular economy.



# THE WAY FORWARD

## HOW TO APPROACH PLASTIC POLLUTION?

## Efforts to prevent further plastic waste leakage into the sea need to address the identified hot-spot regions and key contributing sectors

# Only 9%

of all the plastic waste the world has produced since 1950 **has been recycled**



### Packaging, construction, and textiles

are the three largest plastic producing sectors and plastic packaging production could quadruple until 2050

**About a third of all microplastic** in the sea **stems from primary sources** such as cosmetics, car tyre wear or laundry of synthetic fibres



The USA, EU and Japan are the largest per capita generators of plastic waste **exporting** much of it **to developing and emerging countries**

### 10 rivers in Africa and Asia

are responsible for 90% of all plastic entering the ocean through water ways from distant hinterlands

China, Indonesia, the Philippines, Vietnam and Sri Lanka account for **more than 50% of all mismanaged plastic waste along coasts**

**China, Indonesia, the Philippines, Vietnam and Sri Lanka together account for more than half of the world's total mismanaged plastic waste along coastlines**



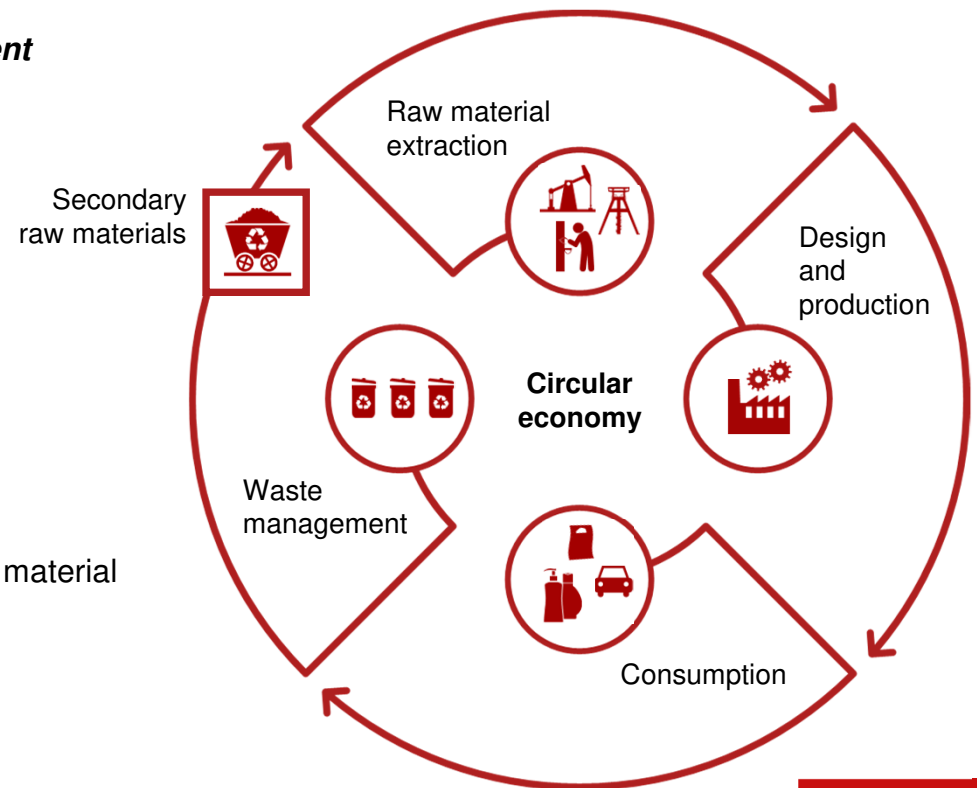
## The German Government has committed itself to support the move towards a circular economy through international cooperation

*"We want to **support the development and establishment of circular economy systems through multilateral and bilateral development cooperation.**"*

(German Government, Coalition Agreement 2018)

Accordingly, German **development policy** implements targeted measures **in five key areas by 2021**:

- Waste-free, healthy environment for people through **effective municipal services**
- Secure jobs with **decent working conditions**
- **Sustainable production and reuse of waste** as raw material
- **Climate protection** by avoiding and recycling waste
- **Avoidance of marine litter**



## The German Environment Ministry announced a five-point plan to tackle the issue of plastic waste in Germany and beyond

Environment Minister Svenja Schulze announced a five-point plan for less plastic and more recycling in November 2018. The plan advocates the following five steps:

- 1 Avoiding unnecessary products and packaging
  - 2 Making packaging and other products more environmentally friendly
  - 3 Strengthening recycling and use of recyclates
  - 4 Preventing plastics from getting into organic waste
  - 5 International efforts to limit plastic waste at sea
- Increased German aid donations are foreseen to this end, specifically to clean up the 10 rivers that are thought to carry a majority of plastic waste in the world's seas. The ministry committed 50 million € for inter alia technology transfer into developing and emerging countries to support the global fight on plastic waste.

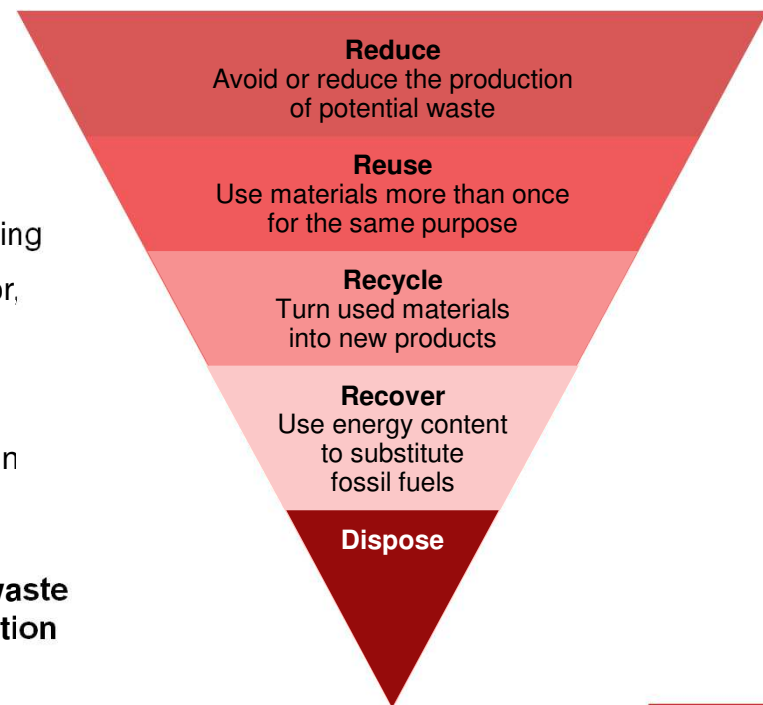
# Our approach to integrated solid waste management works towards sustainable consumption and production as well as a circular economy.

Our work is guided by the **2030 Agenda for Sustainable Development** and the **SDGs**.

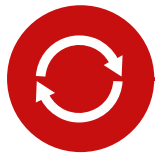
In the field of **integrated solid waste management**, the 3 dimensions of sustainability can be translated as follows:

- **Economically efficient services** and financially sustainable solutions, inspired by the polluter-pays-principle and fair cost-sharing
- **Social justice and inclusion**, among others of the informal sector, securing and creating jobs e.g. through waste collection and separation as well as innovative projects
- **Environmentally sound waste management technologies**, recovering resources, preventing pollution and negative impacts on health, climate and ecosystems

We promote cooperation of stakeholders and base our work on the **waste hierarchy** (see figure to the right) that gives **priority to waste reduction and minimisation at the source**.

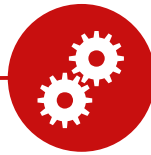


## We offer a comprehensive, multi-level range of services to systematically reduce plastic pollution of the environment



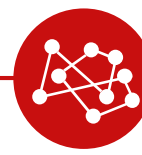
### Support a circular economy transformation

- Advising national governments on improving waste legislations and regulations
- Advising national governments in formulating strategies for a circular economy
- Training and supporting of businesses to increase resource efficiency in their processes
- Promoting innovative circular economy initiatives and start-ups (digital solutions)



### Improve waste management systems and markets

- Supporting local and municipal governments in improving waste management systems
- Establishing extended producer responsibility systems (EPR) and/or voluntary agreements
- Improving capacities of private and commercial actors to recycle and recover waste
- Ensuring inclusive approaches and leaving no one behind: Integrating the informal sector



### Enhance governance and foster exchange

- Supporting national and international networks to address plastic pollution
- Promoting global exchange between city, regions and actors along the global (plastic) value chains
- Mobilising expertise worldwide for innovative solutions (e.g. transboundary networks)
- Upscaling of best practices



### Raise awareness, mobilise action and monitor change

- Designing and implementing awareness and educational campaigns
- Facilitating dialogue between different stakeholders from all sectors
- Assessing and monitoring waste management efficiencies, plastic leakages and secondary raw material markets
- Mobilising collective action such as environm. clean-ups



GIZ'S EXPERTISE

WHY WORK WITH US?

# GIZ is a global player in the field of international cooperation providing technical services and solutions for sustainable development

Together with our partners in national governments worldwide and from the worlds of business, research as well as civil society we foster innovative ideas for transformative change, develop these into concrete plans and implement them.

**100% project-funded**  
private, **public-benefit enterprise**  
with the German Government as only shareholder



**2.6 billion €**  
annual turnover in 2017

over **40 years** of experience in a wide  
variety of areas in more than **120 countries**



more than **1,500 cooperations**  
with the private sector in the last **20 years**

over **1,500 ongoing projects** annually

**20,215 employees** worldwide  
of which **15,800** are located abroad



## We offer vast experience and reliable backstopping mechanisms to design and implement diverse projects successfully worldwide



### Partners and networks worldwide

- **GIZ's Country Offices worldwide are well established and connected within local structures**
- **GIZ Head Office** in Germany provides support and ensures overall coordination and monitoring
- Fully established **Security Risk Management Office** (international and national advisors)



### Technical expertise

- **GIZ's in-house 'think-tank'** underpins the company's long-standing and diverse experience
- Extensive pool of **local, regional and international experts and specialists** that we engage
- Synergies from implementing projects in similar technical fields



### Professional project management

- Long-standing expertise of implementing **projects in fragile and developing contexts**
- **Quality control and impact monitoring** as an integral part of GIZ standards
- **Headquarter supports and oversees** project management and reporting



### Highly-qualified employees

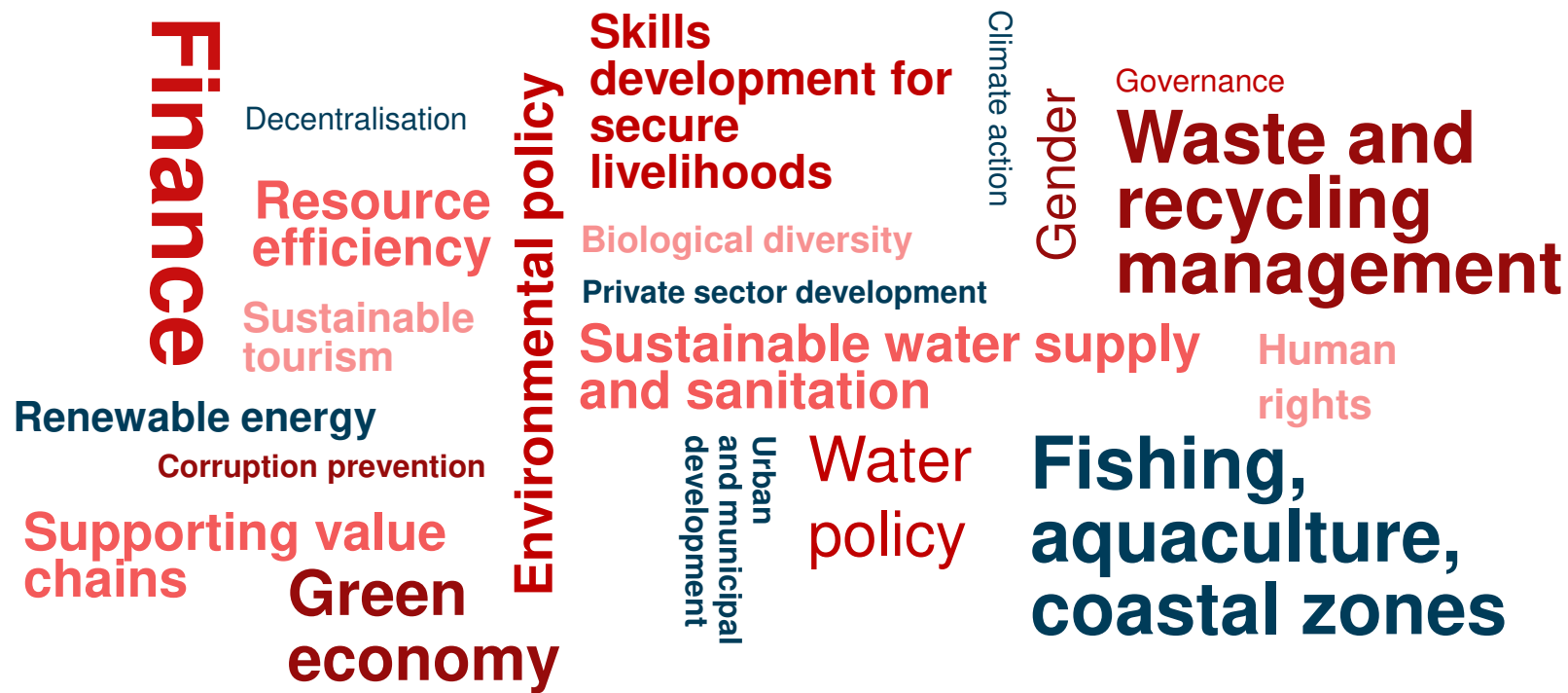
- **National and international HR teams** with established processes and procedures
- **Unique networks** to recruit suited experts and national employees
- **High quality standards** for global market research, candidate assessment and selection



### Sound finance and contracts

- Local offices with established processes for national and international contracting
- Professional accounting and expenditure management
- **Regularly audited compliance** regulations by the German Government

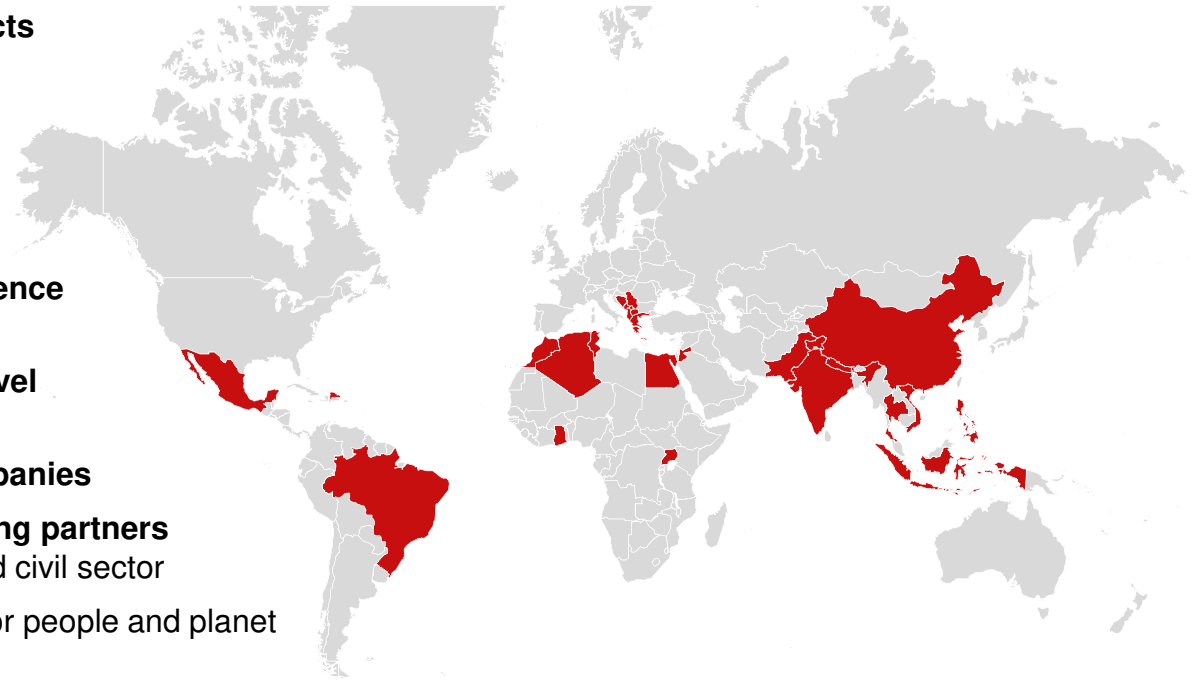
We can draw from our experience in many diverse areas that relate to the cross-cutting issue of plastic pollution



## We are already underway to reduce plastic leakage into the environment with an established and growing project portfolio

Our portfolio includes **more than 30 projects improving solid waste management including plastic waste**

- We are active on four continents and **in over 20 countries**
- We offer **more than 25 years of experience**
- We manage projects operating **at the global, regional and national level**
- We work for **donors from the German Government, the EU and private companies**
- We cooperate with **various implementing partners** from the public as well as the private and civil sector
- We can demonstrate **tangible results** for people and planet



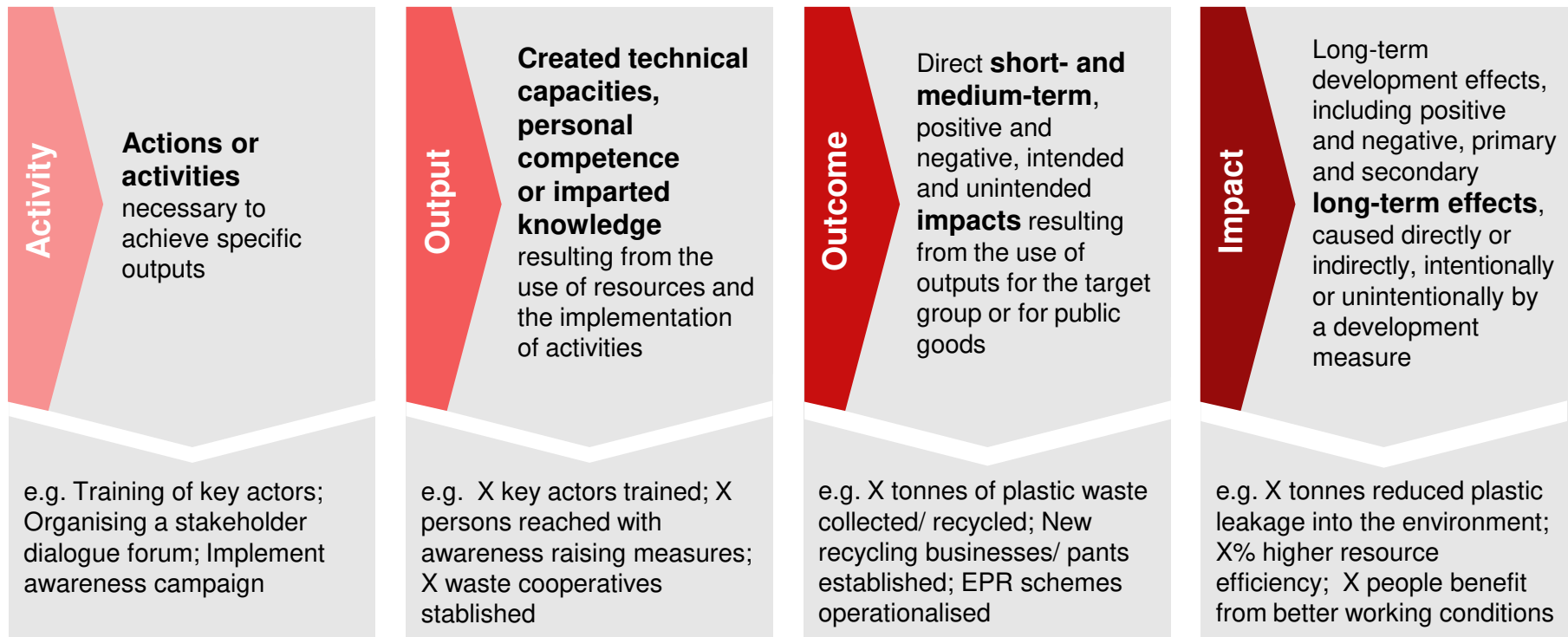
## We implement diverse projects and programmes preventing plastic leakage into the environment

The diverse projects and programmes include:

- **Advising** national, state and municipal governments on waste policy;
- **Developing and improving** sustainable waste management systems;
- **Implementing** integrated urban planning and management systems;
- **Supporting** transboundary river commissions for the Mekong, Niger, Ganga and more;
- **Generating** energy from alternative sources such as organic waste and Refuse-Derived Fuel;
- **Establishing** safe as well as sustainable water supply and sanitation;
- **Protecting** coastal ecosystems, fisheries and biodiversity;
- **Creating** secure employment opportunities for marginalised and informal workers;
- **Raising** awareness on source segregation among the public;
- **Developing** strategies for sustainable tourism

And we combine our experience and efforts from various sectors to maximise our impact.

## We ensure and measure the impact of our project measures through our results-based monitoring system



## We secure real impact for people and planet



**3.4 million** people have participated directly in political processes.



**7.5 million** people benefit from better waste management



**36 million** fewer tonnes of CO<sub>2</sub>



**11 million** people are using better sanitary facilities and wastewater



**970.000** people have taken up jobs



**947.000** people now have better working conditions



**1.4 million** additional kilowatts (kW) of energy are being generated from renewable sources



**3.8 million** people have increased their income



## + Selected project references

# Integrated Waste Management and Marine Litter Prevention in the Western Balkans

## Objective:

The capacities of local and national stakeholders in waste management and circular economy to reduce waste leakage to waterways and the Adriatic sea are improved.

## Commissioned by BMZ

06/2018 – 05/2021

EUR 3 million



## Approach:

- Regional cooperation and knowledge transfer between municipalities, companies and institutions
- Support of tangible (transboundary) cooperation projects, esp. between „polluting“ and „polluted“ municipalities; i.e. Croatian tourism enterprises financing waste management activities in Albania

## Intended results:

- Establishing a multi-stakeholder dialogue and cooperation mechanisms
- Establish a regional platform for measuring and monitoring negative externalities
- Reach cooperation agreements and implement tangible measures for reducing waste leakage to waterways

# Improving solid waste management and circular economy in Algeria

## Objective:

Waste disposal services in the towns and municipalities are more reliable. The project contributes to an integrated waste management system at local, regional and national level.

## Commissioned by BMZ

10/2014 – 12/2019

EUR 7 million



## Approach:

- Monitoring of and supporting a waste management centre as a model for the training of stakeholders in waste management in other regions;
- Developing a knowledge management system to disseminate innovative approaches and experience in the field of waste management;
- Establishing new instruments for policy governance in the waste sector;
- Supporting the reorganisation of the National Agency for Waste (AND);
- Building capacities for the improved audit of landfill sites through AND

## Main results:

- Local decision-makers have a greater understanding of integrated household waste management;
- Administrative bodies are better able to ensure efficient waste management and landfill site managers now have a better overview of how they need to economise their holding capacity;
- Algeria's environmental law has been analysed with regard to the introduction of new policy governance instruments

# The Kampala Plastic Bottle + Recycling Partnership in Uganda

## Objective:

To improve the sustainable management of plastic waste in Greater Kampala through developing an inclusive green recycling sector.

## Commissioned by DFID

05/2019 – 12/2020

EUR 1.2 million



As part of the BMZ “Natural Resources Stewardship Programme ([NatuReS](#))”:

## Approach:

- A multi stakeholder partnership of government, business and civil society to improve the sustainable management of plastic bottle waste in Greater Kampala through:
- Value chain projects
- Awareness and behavior change
- Policy support

## Main results so far:

- Measurable reduction of plastic pollution in the water and land
- Leverage Private Sector investment into the recycling sector, creating value added products
- Increase in jobs in the recycling sector
- Improved capacity of public and private sector to collectively address the plastic challenge

# Introduction of value chains in the waste management sector in Algeria

## Objective:

An increasing number of Algerian municipalities have implemented recycling systems for packaging waste and used tyres in their waste management system.

## Commissioned by BMZ

11/2017 – 12/2020

EUR 3 million



*As second phase to the previous project "Improving solid waste management and circular economy"*

## Approach:

- Establishment of a national organisation for the collection and recycling of packaging waste and used tyres
- Advising the Algerian Ministry of the Environment and other authorities
- Introducing a pilot system the municipality of Sétif to collect and recycle plastic packaging
- Supporting administrations and the private sector in creating a national value chain to facilitate the recycling of waste tyres

## Results so far:

- In the city of Sétif, a company supported by several municipalities has already taken on the task of collecting and segregating plastic waste. This step has now enabled the recycling of plastic packaging.

# Sustainable Management of Plastic Waste in Ghana

## Objective:

Contribute to improving cooperation structures between the informal sector and the plastics processing and recycling industry for increasing the collection and pre-processing of plastics from the environment.

## Commissioned by NRW

05/2019 – 08/2020  
EUR 347.277



## Approach:

- Facilitate multi-stakeholder dialogue between the responsible government agencies, the plastics and recycling industry
- Enhance organizational capacities of informal collectors in Kumasi and to professionalize the collection and pre-processing of plastic waste.
- Support Ghanaian companies in the plastics industry in developing a joint strategy and taking over their extended producer responsibility through international advice.
- Connect Ghanaian in the plastics and recycling industries with international businesses and initiatives

## Intended results:

- Established value chain for recycling PET and other plastics through collaboration between informal collectors Improved capacities for the sustainable handling of plastic waste in Ghana and to promoting an environmentally friendly and resource-saving
- Enhanced organizational capacities of the informal collectors and recyclers through establishment of cooperatives.
- Improved income and working conditions.

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# Waste Solutions for a Circular Economy & Piloting Waste NAMA in India

## Objective:

Promoting and implementing the adoption of a low-carbon integrated waste management system focusing on recycling, composting and non-recyclable Resource Derived Fuel (RDF) in India.

## Commissioned by BMU (IKI) / NAMA Facility

09/2013–07/2020 / 01/2019–01/2020  
EUR 4.5 million / 323.000



Two projects: BMU IKI “Development and Management of NAMA in India” and NAMA Facility “[Waste Solutions for a Circular Economy in India](#)”

## Approach:

- Supporting the Indian Government in using Nationally Appropriate Mitigation Actions (NAMAs) to reduce greenhouse gas emissions in the waste sector and implementing India’s NDC aligned with SDGs.
- Pilot-Implementation of integrated waste management systems in 5-7 cities focusing on recycling, composting and RDF use to substitute coal in the cement industry and promoting waste segregation schemes as well as Extended Producer Responsibility (EPR) legislation in particular for plastic waste.
- Scaling up and derisking investment, strengthening the regulatory framework (incl. EPR), and leveraging the strengths of the informal recycling sector

## Main results so far:

- BMU/ IKI NAMA: Pilot-Implementation in Varanasi and Panji in Goa
- NAMA Facility: Detailed Preparation Phase (DPP) in 6 further Indian cities including North Delhi Municipal cooperation with strong political backing of the Government of India with the perspective of receiving EUR 17 million for the following implementation.

## Waste to Positive Energy in Jordan

### Objective:

Labour-intensive collection and processing of recyclable waste reduces potential for conflicts and reduces the environment impact in refugee-hosting communities.

### Commissioned by BMZ

06/2014 – 10/2020

EUR 15.85 million (total project)



*As part of the BMZ Special Initiative "Tackling the root causes of displacement – reintegrating refugees"*

### Approach:

- Establishment of a collection of recyclable materials in twelve communities
- Participatory processes for collecting and separating recyclable materials
- Participatory dialogue forums on waste disposal, health and hygiene
- Integration of the informal recycling sector

### Main results so far:

- 20,629 employees within the scope of Cash for Work (CfW)
- Introduction of first approaches to separate collection of recyclables and organic waste through construction and equipment of 9 recycling centres, 1 transfer station and 2 composting plants.
- Almost comprehensive collection of recyclables in the UNHCR refugee camp in Zaatari with more than 900 tons of recyclable material collected
- Greater awareness of waste issues and conflict mitigation

# Climate Literacy and Marine Litter Management Campaign along India's east-coast

## Objective:

Communities in five east coast states are empowered to take actions to adapt to climate risk, improve waste management and reduce the marine litter burden on the ecosystem.

## Commissioned by BMZ Barmittel

08/2018 – 12/2018

EUR 700.000



## Approach:

- Education campaigns in villages, particular schools, on marine pollution demonstrating how better waste management works. Engaging coastal communities and local youth in beach cleaning and pilot-projects for adaptation to climate change like restoring mangroves for coast protection.
- Workshops for local communities and at District and State level to support synergies with existing policies and action plans on marine litter management.

## Main results: [video of the project](#)

- The campaign reached 280 villages and close to 400 000 community members increasing awareness on marine litter management and climate change adaptation by 62%
- 143 km of beach cleaned; Public dust bins set-up in villages and in harbors
- Fishermen started to collect waste caught at sea; shop owners use natural packaging materials and request customers to bring reusable bags or pay for plastic bags. Community members ask municipal authorities and state governments to support waste segregation and management.
- The “East Coast Forum” is set up to continue the activities

# Protection and integrated management of marine and coastal biodiversity in Brazil

## Objective:

The conservation and sustainable use of biodiversity in marine and coastal zones in the regions of Costa dos Corais and Abrolhos have improved as a result of integrated environmental spatial planning.

## Commissioned by BMU (IKI)

07/2015 – 08/2020

EUR 6 million



## Approach:

- Supporting the environmental and spatial planning for the marine and coastal zone in the regions Costa dos Corais and Abrolhos.
- Promoting measures for the conservation and sustainable natural resources use and strengthening strategies for monitoring the quality of the environment
- Strengthening relevant local stakeholders through trainings on specific themes and by facilitating a participatory approach
- Advising relevant federal and state policies by disseminating the experience gained in the project

## Main results:

- More than 300 specialists of the ministry, environment agency, states and local governments received targeted trainings as well as support for policy implementation
- Training, networking and coordination processes organised to restructure and strengthen federal and state policies
- Regional development processes on the revitalisation of river basins supported
- Restructured environmental education campaign by the Ministry

# Extended Producer Responsibility in Waste Management in Tunisia

develoPPP.de



## Objective:

The national waste management in Tunisia is improved through Extended Producer Responsibility.

## Commissioned by BMZ/ EPW cyclos & ENEVERO

11/2017 – 04/2020

EUR 0.19 million / 0.2 million



## Approach:

- Raising the awareness of target groups from politics, administration, business, civil society and science on the importance of the EPR system (Extended Producer Responsibility) for sustainable waste management.
- Development of adapted EPR solutions

## Intended results:

- A framework legislative proposal for the introduction of an EPR system has been submitted to the Tunisian Ministry of the Environment
- At least 10 distributors and importers of packaged goods as well as companies from the recycling industry are involved in the drafting of the proposed legislation.
- Civil society supports the introduction of an EPR system

# Waste Segregation and Recycling in the city of Gurugram in India

develoPPP.de



## Objective:

Establishing waste segregation at source and supporting informal waste collectors ensures high recycling rates in Gurugram.

**Commissioned by BMZ/  
Tetra Pak & Coca-Cola**

11/2016 – 10/2019

EUR 190.000/ 495.000

## Approach:

- Implementing source segregation in apartments, commercial establishments and schools
- Engaging with the larger community on environmental awareness and waste management through media, events and information material
- Engaging with commercial waste and recycling establishments as well as training waste workers to handle and process segregated waste
- Providing policy recommendations for adoption by the residential associations and municipal authorities

## Intended results: [video of the project](#)

- At least 100,000 people reached directly through public awareness measures (among others the [project website](#) and a [short video on segregation](#))
- Over 500 waste-pickers enjoy more dignified jobs with proper training, improved work conditions and access to a safer work environment
- Approx. 60,000 kg of waste prevented from being burnt or dumped in landfills
- The project is being upscaled to a Strategic Alliance with the Action Alliance for Recycling Beverage Cartons (AARC).



# Concepts for Sustainable Solid Waste Management & Circular Economy

## Worldwide

### Objective:

Technical, organisational and financial strategies for sustainable waste and resource management are discussed at national and international level and in development cooperation projects.

### Commissioned by BMZ

11/2016 – 06/2020  
EUR 10.73 million



### Approach:

- Supporting the Federal Ministry for Economic Cooperation and Development (BMZ) in influencing international processes/ strategies on marine litter
- Providing concept development and advisory services on four key areas:
  - Climate-friendly and resource-efficient solid waste management
  - Marine litter prevention
  - Electronic waste management
- Advising countries (esp. Indonesia, Thailand, Philippines and China) on marine litter prevention and plastic value chains, conducting pilot projects and awareness measures with EU financing (s. next slide)

### Main results so far:

- New projects and activities conceived and supported (among others with World Bank, Source-to-sea platform, Platform for Accelerating the Circular Economy) .
- Inclusion of marine litter prevention in New Urban Agenda, tangible recommendations included in G7 and G20 Action Plans on Marine Litter.
- Recommendations on sustainable packaging management elaborated with stakeholders from South-East Asia and taken up by ASEAN working group

# Rethinking plastics – circular economy solutions to marine litter

## in China, Indonesia, Japan, Philippines, Singapore, Thailand, Vietnam

### Objective:

A transition towards sustainable consumption and production of plastic in East and Southeast Asia to contribute to a significant reduction of marine litter.

### Commissioned by EU/BMZ

05/2019 – 04/2022

EUR 10 million



### Approach:

- Enhancing the basis for policy dialogues between the EU, regional organisations and partner countries in East and Southeast Asia concerning plastic production and management
- Implementing activities on managing plastic waste, including extended producer responsibility and deposit return schemes for packaging and plastic products
- Implementing activities for sustainable consumption and production of plastic, including design for reuse and recyclability, standards for plastic recyclates as well as alternatives to plastics and the use of microplastics in products
- Enhancing efforts for the reduction of litter from sea-based sources, including port reception facilities for waste from ships, fishing-for-litter schemes, marine litter from aquaculture and fishing gear
- Strengthening green procurement policies, processes and cooperation
- Increasing awareness of public authorities and citizens about sustainable consumption and production of plastic and the impacts of littering on the environment
- Around 40% of the budget is allocated to pilot projects that will be financed through grants and local subsidies

# International Sustainable Chemistry Collaborative Centre (ISC3)

## Worldwide

### Objective:

The ISC3 promotes and develops the concept of sustainable chemistry and the **transformation** of the sector worldwide. Thereby, it contributes to the implementation of the Sustainable Development Goals.

### Commissioned by BMU/UBA

02/2017 – 11/2020  
EUR 10.4 million



### Approach:

- The ISC3 performs four central functions:
  - Platform for the international community
  - International knowledge platform
  - Global think tank
  - Scouting and implementation of innovation



### Results so far:

- Establishing of a global network (e.g.: Think Beyond Plastic, World Economic Forum, Green Chemistry Foundation)
- Building up a Global Start-up Service to assess and advise entrepreneurs
- Performing the Workstream “Sustainable building and living”
- Establishing two awards (“Innovation Challenge” and – together with the Elsevier Foundation – the “Entrepreneurial Spirit in Sustainable Chemistry”)

# Initiative for Resource Efficiency and Climate Action

## Worldwide

### Objective:

Key actors in the public and private sectors of selected emerging economies, in particular from the G20, are in a position to develop and implement strategies for resource efficiency and climate protection.

### Commissioned by BMU/ IKI

09/2017 – 02/2021

EUR 3.0 million



### Approach:

- Promoting knowledge sharing and exchange of experiences with and among emerging countries of the G20
- Supporting the agenda-setting into international processes
- Strengthening the capacities of key actors through targeted trainings
- Providing demand oriented technical advice identifying potentials as well as measures to utilize them, with a focus on raising the NDC ambitions

### Results so far:

- The launch of G20 Resource Efficiency Dialogue anchors the topic in the international agenda
- Information and training measures in India have provided more than 150 key actors in Mexico, Argentina and Indonesia with hands-on knowledge
- A study tour on resource efficiency informed and connected 25 experts and managers from 11 emerging countries
- A webinar on Circular Economy in cooperation with the Green Growth Knowledge Platform reached over 150 participants

# EU Ressource Efficiency Initiative (EU-REI) in India

## Objective:

This project's overall objective is to support India in the implementation of the UN global Sustainable Consumption and Production (SCP) agenda.

## Commissioned by EU

12/2016 – 06/2020  
EUR 2.5 million



## Approach:

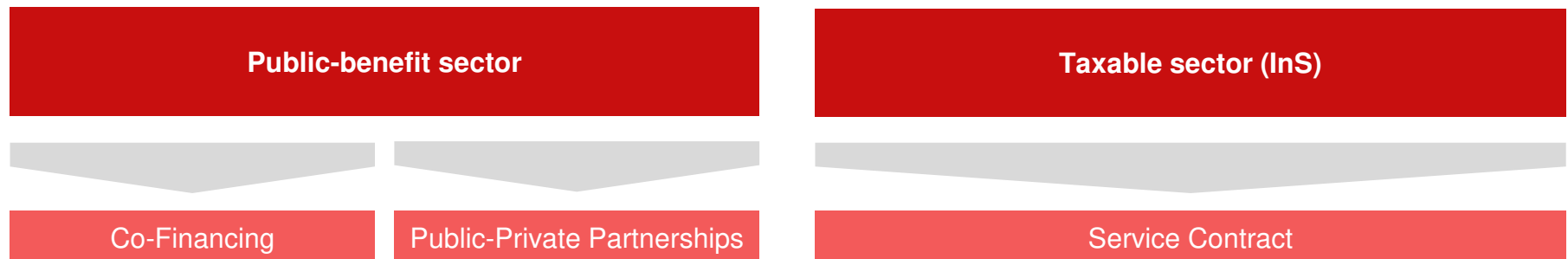
- The project facilitates the adaption of international standards and business practices on resource efficiency and circular economy for abiotic resources through three major components:
  - Assessing India's current and future use of resources; Preparing and implementing strategies and action plans for resource efficiency
  - Facilitating partnerships and networking between European and Indian businesses and stakeholders in sectors of interest
  - Raising awareness among all stakeholders through promotion of standards and business best-practices
- Four focus sectors have been selected based on the volume of resources they consume and projected growth rates:
  - building and construction
  - e-waste and plastic waste via the role of extended producer responsibility (EPR)
  - mobility (focus on hybrid/electric mobility)
  - renewable energy (solar photovoltaics)



TOGETHER FOR CHANGE

HOW TO DO BUSINESS WITH US?

## As GIZ we have two modes of function that translate into several distinct cooperation formats



It is necessary to keep the accounts for the taxable business sector (InS) and the public-benefit sector strictly separate; there must be **no (direct or indirect) cross-subsidisation** of InS by the public-benefit sector.

Although organised as a company under private law, both business areas of GIZ are working on a **non-profit basis**. **Surpluses** (from 2% risk mark-up minus deductions) are **reinvested** in public-benefit projects (GIZ-financed measures). GIZ receives no core funding or institutional budget.

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