

# How REMONDIS promotes sustainable development

What is really important is to take all aspects of sustainability into account, i.e. not only environmental but economic and social factors as well. As can be seen here, REMONDIS does this in a whole variety of ways – with its activities divided up into five main categories. More detailed information can be found at [remondis-sustainability.com](http://remondis-sustainability.com)

## Acting

Being one of the world's foremost recycling, service and water companies, we lead by example when it comes to conserving resources and protecting the environment.

## Living

REMONDIS promotes sustainability throughout its organisation – to make its own business even more environmentally, economically and socially sustainable.

## Inspiring

We transfer both our technology and our know-how to help companies, local authorities and local residents further improve their recycling activities.

## Fostering

Both our measures to promote sustainability and our educational programmes help cement sustainable development in the economy and society as a whole.

## Sharing

The first step towards sustainability begins with each person and the way they think. Which is why we see it as our duty to raise public awareness and explain what it's all about.

- ### HAZARDOUS SUBSTANCES
- Development of innovative recycled products from hazardous waste
  - A unique method to treat mercury (found nowhere else in the world)

- ### ENERGY PRODUCTION
- Thermal treatment of sewage sludge to produce carbon-neutral energy
  - Production of biogas

- ### WATER
- Environmental protection covering all aspects of water
  - National & international commitments
  - Supporting the Clean India Mission

- ### HEALTH
- Stringent safety standards
  - Diverse QHSE measures
  - 63% fewer accidents than at other companies working in the sector

- ### ARCHITECTURE
- Ideal energy efficiency levels in our head office buildings
  - Energy self-sufficient

- ### CORPORATE IMAGE
- Taking responsibility & investing in the future
  - 90% of the profits made remain in the company

- ### PLASTICS RECYCLING
- Innovative recycling methods
  - Production of plastic pellets from waste plastic (each t cuts CO<sub>2</sub> emissions by 1.2t)

- ### LAND REMEDIATION
- Transformation of contaminated areas into valuable land
  - Removal & remediation of 1.7m tonnes of soil every year

- ### MISSION
- To act as a role model within the industry
  - To collect, treat & supply 30m tonnes of recyclables every year
  - To develop innovative recycling systems

- ### LIPPE PLANT
- A centre promoting recycling, innovations & sustainability
  - 410,000 MWh eco-friendly energy every year
  - 800,000t recycled raw materials every year
  - CO<sub>2</sub> emissions cut by 466,000t every year

- ### PHOSPHORUS RECOVERY
- Patented system to recover phosphorus from sewage sludge ash

- ### DEVELOPMENT GOALS
- Practice: REMONDIS' operations (recycling, services & water) are helping to ensure the SDGs are achieved
  - Theory: sharing general facts about the SDGs

- ### SHORTAGE OF RAW MATERIALS
- Practice: recycling activities to conserve raw materials
  - Theory: raising public awareness e.g. by commissioning studies on the subject

- ### TRANSFER OF KNOW-HOW
- Practice: tours around the Lippe Plant to demonstrate how effective recycling can be; supporting the public & private sectors with our sustainability expertise
  - Theory: sharing our knowledge & know-how

- ### SUSTAINABLE DEVELOPMENT STRATEGIES
- Practice: advising the Government on guidelines for dismantling e-waste & collecting/treating recyclables; participating in the Resource Commission at the UBA
  - Theory: explaining global, European & German sustainable development strategies

- ### NATURE CONSERVATION
- Collaboration with NABU
  - Actively helping to protect the climate/moorlands
  - Founder of the 'Resource Conservation Alliance'

- ### ENVIRONMENTAL EDUCATION
- Our educational project: THE RECYCLING PROFESSIONALS
  - Teaching material & educational theatre shows to teach about recycling/ environmental protection

- ### TEACHING & TRAINING
- Cooperation with universities in the area of sustainability
  - Supporting young talent
  - Endowed professorships

- ### ADVICE
- Advising politicians & associations
  - Lobbying to promote sustainability
  - A founding member of the 'Klimaschutz durch Kreislaufwirtschaft' Association

- ### PPPS
- Ensuring stable fees and charges, professional waste treatment processes & the highest possible recycling rates
  - Providing access to resource-saving systems

- ### FOCUSING ON MATERIAL STREAMS
- Developing innovative recycling methods
  - Campaigning for ecological product designs

- ### RESEARCH
- Pilot tests to recycle composite insulation boards
  - Developing ways to recycle electric car batteries
  - Fuel cells of the future

- ### COMPANY PARTNERSHIPS
- Helping customers to make their production plants more sustainable via operator & operations management models
  - Establishing resource & environmental protection measures in companies

- ### SUSTAINABILITY CERTIFICATE
- Documenting how companies conserve resources

- ### RECYCLING POTENTIAL
- Promoting a new, resource-friendly recyclables law
  - Campaigning for more efficient recycling by improving separate waste collection schemes

- ### FLAGSHIP PROJECTS
- Supporting, initiating, implementing projects around the world to conserve resources (e.g. IBA recycling plant in Singapore)
  - Asian eco-industrial parks modelled on REMONDIS' operations

- ### CRADLE TO CRADLE®
- Committed to fully recyclable products
  - Innovations to create a circular economy
  - Close collaboration with the developers of the C2C concept