

# Greening the Economy

## Batumi Talk Show

Geneva, January 29, 2019



Federal Ministry  
for the Environment, Nature Conservation  
and Nuclear Safety

# Action 1

## German National Programme on Sustainable Consumption

### ▶ **Cross-cutting approaches**

- ▶ A debate within society
- ▶ Education
- ▶ Consumer information
- ▶ Environmental and social labels
- ▶ Ecodesign
- ▶ Sustainable public procurement
- ▶ Research on sustainable consumption
- ▶ Social innovations
- ▶ Monitoring sustainable consumption

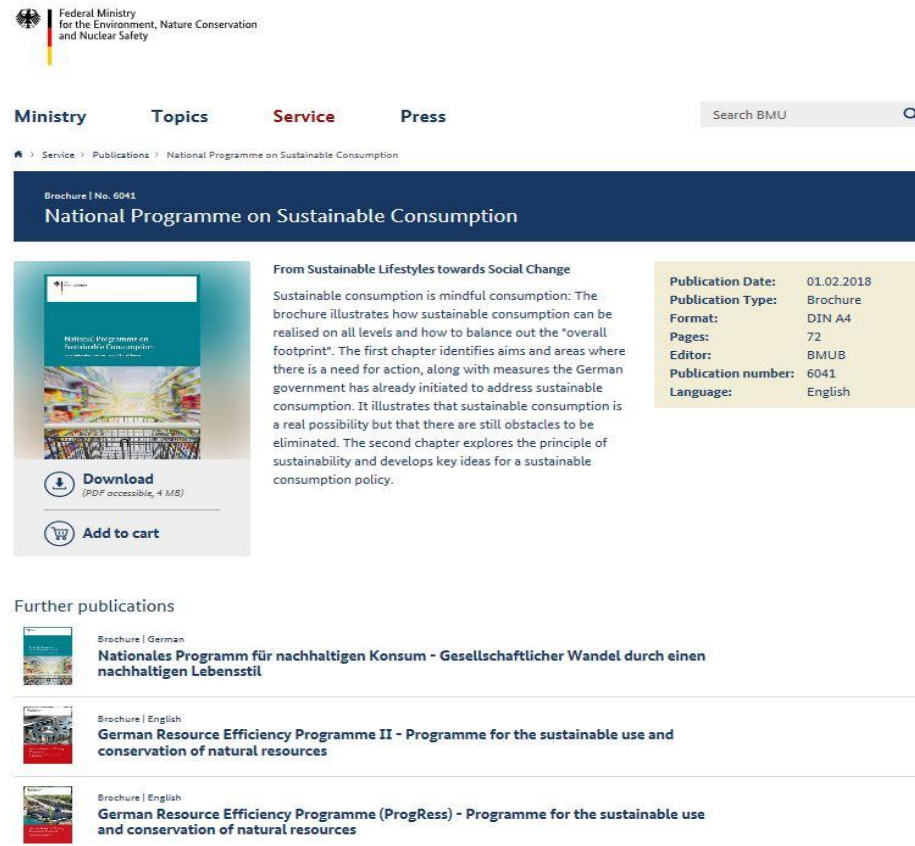
### ▶ **Individual fields**

- ▶ Mobility
- ▶ Food
- ▶ Home
- ▶ Workplace and office
- ▶ Clothing
- ▶ Leisure and tourism

SDG 2.4, 7.3,  
8.4, 12

# German National Programme on Sustainable Consumption

<https://www.bmu.de/en/publication/national-programme-on-sustainable-consumption-1/>



The screenshot shows the official website for the German National Programme on Sustainable Consumption. At the top, it features the logo of the Federal Ministry for the Environment, Nature Conservation and Nuclear Safety. The navigation menu includes 'Ministry', 'Topics', 'Service', and 'Press', along with a search bar labeled 'Search BMU'. The main heading is 'National Programme on Sustainable Consumption' (Brochure | No. 6041). Below this, there is a 'Download' button (PDF accessible, 4 MB) and an 'Add to cart' button. The central text describes the brochure's focus on 'From Sustainable Lifestyles towards Social Change' and provides a detailed summary of its content. A 'Further publications' section lists three related brochures: 'Nationales Programm für nachhaltigen Konsum - Gesellschaftlicher Wandel durch einen nachhaltigen Lebensstil', 'German Resource Efficiency Programme II - Programme for the sustainable use and conservation of natural resources', and 'German Resource Efficiency Programme (ProgRes) - Programme for the sustainable use and conservation of natural resources'.

Federal Ministry for the Environment, Nature Conservation and Nuclear Safety

Ministry Topics Service Press

Search BMU

Service Publications National Programme on Sustainable Consumption

Brochure | No. 6041

## National Programme on Sustainable Consumption

From Sustainable Lifestyles towards Social Change

**Download**  
(PDF accessible, 4 MB)

**Add to cart**

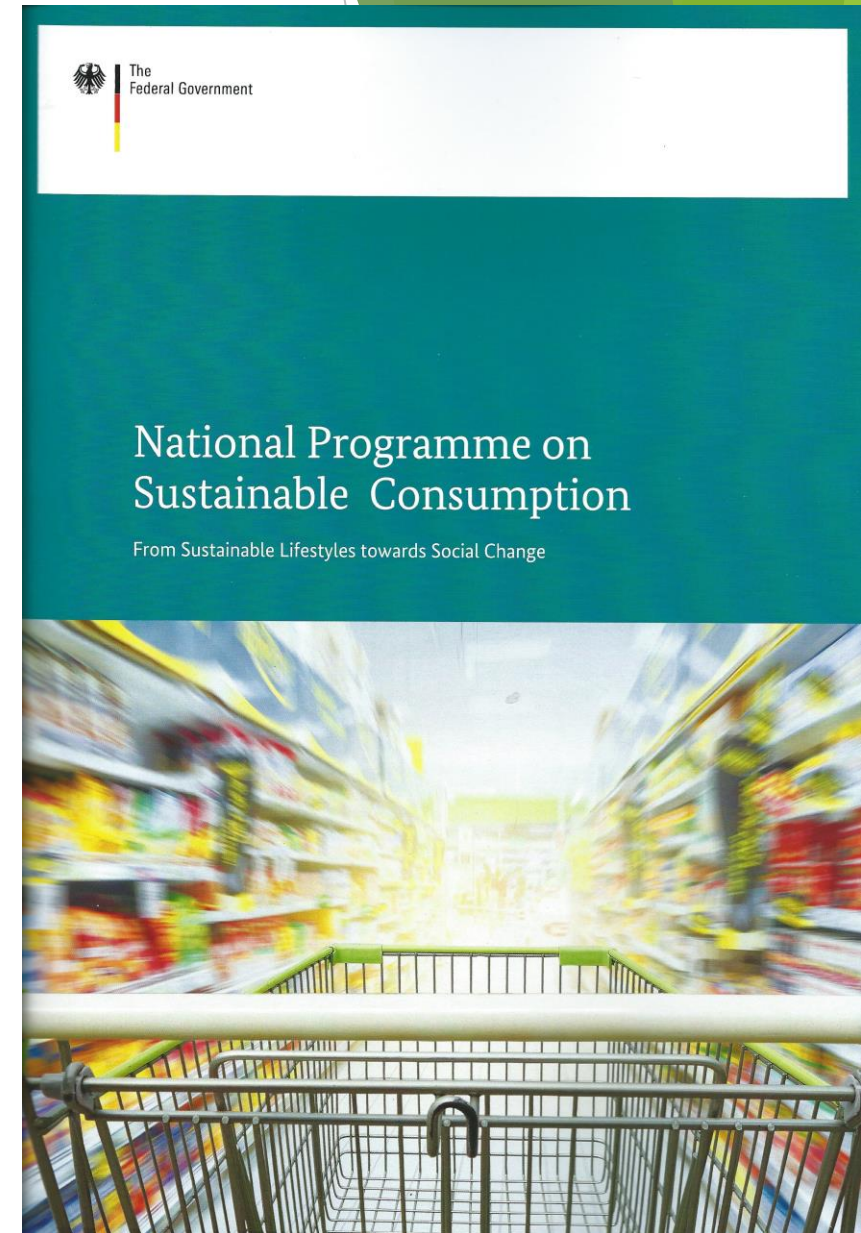
**From Sustainable Lifestyles towards Social Change**

Sustainable consumption is mindful consumption: The brochure illustrates how sustainable consumption can be realised on all levels and how to balance out the "overall footprint". The first chapter identifies aims and areas where there is a need for action, along with measures the German government has already initiated to address sustainable consumption. It illustrates that sustainable consumption is a real possibility but that there are still obstacles to be eliminated. The second chapter explores the principle of sustainability and develops key ideas for a sustainable consumption policy.

**Publication Date:** 01.02.2018  
**Publication Type:** Brochure  
**Format:** DIN A4  
**Pages:** 72  
**Editor:** BMUB  
**Publication number:** 6041  
**Language:** English

**Further publications**

- Brochure | German  
**Nationales Programm für nachhaltigen Konsum - Gesellschaftlicher Wandel durch einen nachhaltigen Lebensstil**
- Brochure | English  
**German Resource Efficiency Programme II - Programme for the sustainable use and conservation of natural resources**
- Brochure | English  
**German Resource Efficiency Programme (ProgRes) - Programme for the sustainable use and conservation of natural resources**



February 2018



# Action 2

## Methodological Convention 3.0 for the Assessment of Environmental Costs

### ► Goal

- To improve the measurement and valuation of natural capital
- To promote the internalisation of externalities and the sustainable use of natural capital

### ► Valuation of climate damage / CO2 costs / other greenhouse gas emissions

- Cost rates for air pollutants
- Environmental costs of heat and power generation
- Environmental costs of passenger and freight transport in Germany

### *Action*

Information, decision support

### **Next**

Building materials  
Agriculture

### **Planned new project**

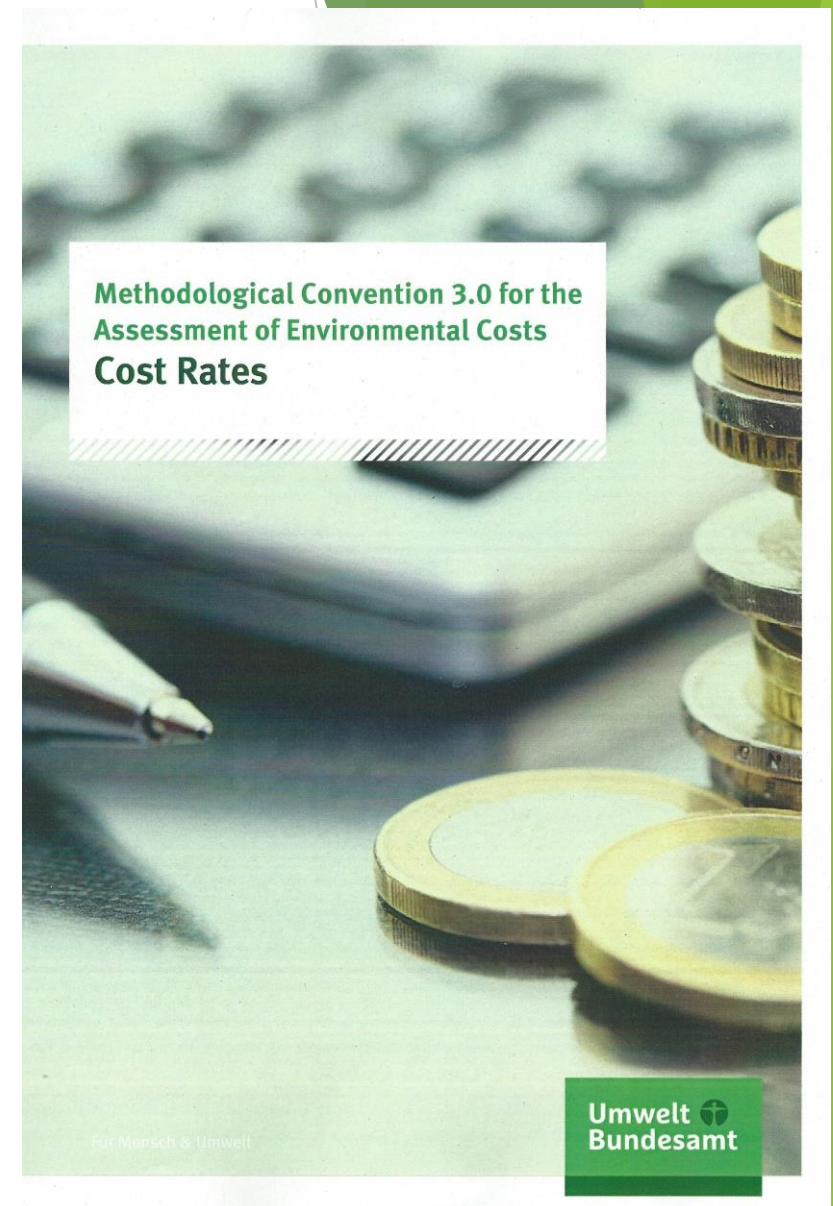
Monetization of the impacts of  
GHG

# Methodological Convention 3.0 for the Assessment of Environmental Costs

<https://www.umweltbundesamt.de/publikationen/methodological-convention-30-for-the-assessment-of>

The screenshot shows the website interface for the document. At the top, there is a navigation bar with the 'Umwelt Bundesamt' logo and several menu items: 'Das UBA', 'Themen', 'Presse', 'Publikationen', 'Tipps', and 'Daten'. The main content area features a breadcrumb trail: 'Publikationen > Methodological Convention 3.0 for the Assessment of Environmental Costs - Cost Rates'. The title of the document is 'Methodological Convention 3.0 for the Assessment of Environmental Costs - Cost Rates', categorized under 'Economy | Consumption'. A short summary follows: 'The Methodological Convention 3.0 for the Assessment of Environmental Costs contains recommendations for methods to assess environmental costs (Part "Methods") and provides new cost rates for emissions of greenhouse gases, air pollutants and noise, as well as for transport and energy generation (Part "Cost rates"). The cost rates show the benefit of environmental protection for society – and the costs that society incurs if environmental protection is neglected. The cost rates can be used to assess the impacts of laws and public investments, and for the design of economic instruments. In the corporate sector, the cost rates can be used, i.a., to calculate the environmental costs of production and in sustainability reports.' Below the text is a 'Downloaden' button. A technical specifications table is located at the bottom of the page.

Reihe	Broschüren
Seitenzahl	45
Erscheinungsjahr	November 2018
Autor(en)	Dr. Björn Bünger, Dr. Astrid Matthey
Sprache	Englisch
Andere Sprachen	Deutsch
Verlag	Umweltbundesamt
Zusatzinfo	PDF ist barrierefrei
Dateigröße	2049 KB
Preis	0,00 €
Druckversion	nicht lieferbar
Als hilfreich bewertet	19





# Action 3

## Establishment of an International Sustainable Chemistry Collaborative Centre ( ISC3 )

German Environment Agency

- ▶ Goal: ISC3 wants to support the global breakthrough of Sustainable Chemistry
  - To improve networking / discussion platform
  - Methods and applications to be developed
  - To spread principles and strategies
- ▶ Centre opened in Bonn in May 2017, hosted by GIZ
- ▶ Innovation Hub in Frankfurt
- ▶ Research & education Hub at Leuphana University in Lüneburg
- ▶ Numerous events

Focus  
2,4,5,6,7,8,9

SDGs 3.9, 3d,  
4.4, 4,7,  
5.1,6.1, 6.3,  
6b, 11b, 12.1,  
12.2,  
12.4,12.5,12.6,  
13, 14.1

# Establishment of an International Sustainable Chemistry Collaborative Centre ( ISC3 )

www.isc3.org



## Who we are

ISC3 is a new independent, international institution promoting and developing sustainable chemistry solutions worldwide. Chemistry is facing the biggest challenge in its history: Basically, it has to reinvent itself in order to progress towards sustainable chemistry and a circular economy. This implies new business opportunities, new jobs, and a key contribution to achieve the UN Sustainable Development Goals. The ISC3 is committed to shape this transformation in cooperation with all stakeholders.

ISC3 is a globally acting institution, multi-stakeholder platform and think tank. It manages a knowledge platform and a network of experts, offers training and support for implementation especially for developing countries, carries out innovation scouting activities to discover new technologies, processes and business models. It is a partner for industry and politics as well as for the civil society and research and connects different stakeholders in order to jointly develop new solutions for climate protection, energy generation, mobility and food supply. [more](#)

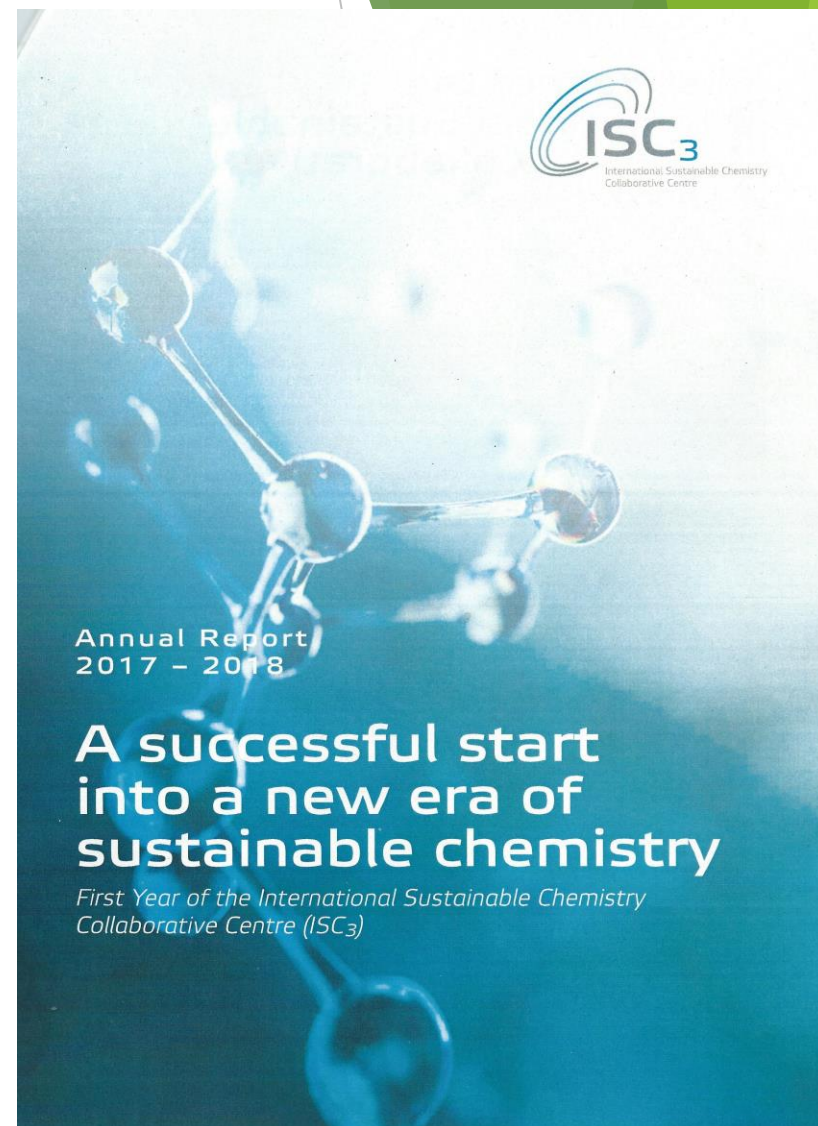
## Sustainable Chemistry

Sustainable Chemistry is a process that leads to a sustainable society with regard to product design, manufacturing, consumption of resources, health and safety at work, economic success and technical innovation – not only in industrialized nations but in emerging and developing countries too. Sustainable Chemistry thus extends far beyond the application of ecological principles in chemical production.

Sustainable Chemistry shall help to reach the Sustainable Development Goals (SDGs) adopted by the UN Assembly in September, 2015. The SDGs map out the course until 2030 taking the most relevant challenges for the planet into account, like the world's growing population, access to energy, resources and healthcare, whilst at the same time ecosystems and climate need to be protected. A sustainable chemical industry plays a crucial role along the path to solve these problems. [more](#)



Federal Ministry  
for the Environment, Nature Conservation  
and Nuclear Safety





# Action 4

## German Resource Efficiency Programme ( ProgRes )

- ▶ Adopted in 2012, updated in 2016
- ▶ **Goal** To structure the **extraction and use of natural resources** in a sustainable way and to reduce associated environmental pollution as far as possible. It covers the entire value chain.

**Every 4 years progress reports**

### Indicators

- ▶ Raw Material Productivity
- ▶ Energy productivity
- ▶ Proportion of RE in total energy consumption

Focus areas  
2,4,5,9

SDGS 8 and 12



# German Resource Efficiency Programme ( ProgRes)

<https://www.bmu.de/en/publication/german-resource-efficiency-programme-ii-programme-for-the-sustainable-use-and-conservation-of-natu/>

The screenshot shows the website interface for the German Resource Efficiency Programme II. At the top, there is a navigation bar with 'Ministry', 'Topics', 'Service', and 'Press' tabs, and a search box labeled 'Search BMU'. Below this, a breadcrumb trail reads 'Service > Publications > German Resource Efficiency Programme II - Programme for the sustainable use and conservation of natural resources'. The main content area features a dark blue header with the text 'Brochure | No. 6033' and 'German Resource Efficiency Programme II - Programme for the sustainable use and conservation of natural resources'. To the left is a thumbnail of the brochure cover, which includes the title and a gear image. To the right of the thumbnail is a short description: 'Increasing efficiency and protecting natural resources are the cornerstones of Germany's Sustainable Development Strategy. This report presents progress made in the resource efficiency programme.' Below the description is a 'Download' button with a PDF icon and the text '(PDF accessible, 2 MB)'. On the far right, a technical specifications table is displayed.

Publication Date:	02.03.2016
Publication Type:	Brochure
Pages:	161
Editor:	BMUB
Publication number:	6033
Language:	English

The brochure cover features a close-up photograph of several interlocking metal gears. The top left corner contains the logo of the Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety. The title 'German Resource Efficiency Programme II' is prominently displayed in white text on a dark red background. Below the title, the subtitle 'Programme for the sustainable use and conservation of natural resources' is written in a smaller white font.

Thank You