

8th INTERNATIONAL CIRCULAR ECONOMY WEEK

23rd - 27th OCTOBER 2017
ENVIRONMENTAL CAMPUS BIRKENFELD



CIRCULAR ECONOMY: THE FORMULA FOR SUCCESS



Have you ever wondered why Germany is the strongest economy in Europe and the 4th largest in the world? The obvious answer to that lies deep in the steadily growing service and manufacturing sectors. However, given the global economic and political

turmoil, the most interesting question one may ask is: "how"?

Inter alia, Germany's strong bias towards resource efficiency and sustainable energy development plays a vital role not only in its economic success but also in its social and environmental leadership. Foreseeing the global economic trajectory that is on a collision course with the resource availability, the nation-wide adaptation of policy measures those that are firmly based on the principles of efficiency and sufficiency of resources have been done. Evidently, these first steps have paved the path towards a sustainable future for Germany with attractive near-term dividends as well.

Energy being one of the most vital and complex issues for all economies, it is understood that solving for sustainable energy supplies resolve a raft of other interlinked resource issues that breaks the inertia towards 'sustainable development' and set the economic development on a sustainable trajectory. This is at the heart of German energy transition; Energiewende, in which, low carbon, environmentally benign, affordable and reliable energy supplies based on renewable sources are aggressively developed. The innovative aspects of renewable energy development transcend the conventional approaches, in which the traditionally labeled 'waste' streams such as municipal/industrial waste and wastewater are employed as vital sources for material as well as energy recovery. These simple yet important initiatives have propelled the sustainable growth of the German economy while relieving the nation from the burden of greenhouse gas emissions and environmental degradation.

The other revolutionary initiative deals entirely with resource efficiency, which is based on four guiding principles, namely:

- I. combining ecological necessities with economic opportunities, innovations focus and social responsibility
- II. viewing global responsibility as a key focus of our national resource policy
- III. gradually making economic practices and production patterns in Germany less dependent on primary resources, developing and expanding circular economy
- IV. securing sustainable resource utilization for the long term by guiding society towards qualitative growth.

Manifested by the German economy, the challenges of our time provide great opportunities to change, innovate, and achieve growth sustainably by employing appropriate technologies and management concepts, such as Material Flow Management, ultimately leading to Circular Economies.

As a pioneer in the fields of applied material flow management and Circular Economy, the Institute for Applied Material Flow management has contributed immensely locally, nationally, and internationally through numerous sustainability projects. Our signature approach to resource management; regional value addition and community level action for climate protection, in particular, have gained wider acceptance in the sustainability arena.

Among other things, IfaS is also dedicated to sharing this wealth of knowledge and experience through our annual International Circular Economy Week [ICEW]. 'Creating Value' as its central theme ICEW serves as a platform bringing together like-minded professionals, academia and businesses from all over the world to one unique place on earth – the Environmental Campus Birkenfeld – for weeklong activities to showcase, demonstrate and share knowledge on the latest advancements in the application of Circular Economy concept, the practical means of tackling global economic and technological challenges of energy transition policies towards 100% renewable energy systems, and sustainable resource management (including water, sanitation and waste management strategies) paying special attention to the sustainable business aspect of the initiatives.

In a nutshell, we intend to share with you the 'secret of our success' and show you how we have prepared to face the resource challenge of our time and create the future we want...

I warmly invite you to join the 8th International Circular Economy Week for an unparalleled experience.

I am looking forward to your visit!

A handwritten signature in black ink, appearing to read 'Peter Heck', written over a horizontal line.

Prof. Dr. Peter Heck
Managing Director - IfaS

PROGRAM: 8th INTERNATIONAL CIRCULAR ECONOMY WEEK

Focus of the 8th International Circular Economy Week (8ICEW) will be Zero Emission strategies and technologies towards Circular Economy.

Thematic technology site visits throughout the week, speeches and presentations at the 8th International Circular Economy Conference (8ICEC) will cover the topics on energy efficiency, renewable energy technologies, water and waste water management, waste management, sustainable soil and agricultural management.

These events are highly recommended for practitioners, policy makers, academics/researchers in the relevant domains.

MONDAY, 23rd OCTOBER

WELCOME RECEPTION | Prof. Dr. Peter Heck, MD, IfaS

Thematic presentation: "Business and Social Perspectives of 100% Zero Emission Strategies"

GUIDED TECHNOLOGY SITE VISIT - 1

Thematic tours on "Technologies for ZE"

Tour 1: Sustainable infrastructure at Zero Emission Campus

Tour 2: Solar energy tri-generation concept

Tour 3: Energy-plus building

GUIDED TECHNOLOGY SITE VISIT - 2

Thematic tour on "Waste-to-Value"

Tour 1: Biogas from Municipal Solid Waste

Tour 2: Biochar from pyrolysis of organic residue

Tour 3: District heating powered by greenery residues

NETWORKING EVENT

Thematic presentation: "Zero Emission strategies, projects and objectives at German municipal and/or County District levels"

TUESDAY, 24th OCTOBER

GUIDED TECHNOLOGY SITE VISIT - 3

Renewable Energy Landscape Morbach: a municipal project with biomass, wind and solar power

GUIDED TECHNOLOGY SITE VISIT - 4

Energy autarky waste water treatment: by anaerobic digestion and energetic utilization of sewage sludge

WEDNESDAY, 25th OCTOBER

INTERNATIONAL CIRCULAR ECONOMY CONFERENCE

NETWORKING EVENT hosted by Prof. Dr. Peter Heck, Managing Director, IfaS

THURSDAY, 26th OCTOBER

GUIDED TECHNOLOGY SITE VISIT - 5

Achieving Energy Efficiency: JUWI AG - most energy-efficient office building in the world

ECOLIANCE WORKSHOP

Networking International Circular Economy & Resource Management

B2B-FORUM

with German Greentech companies and public representatives organized by Ecoliance - Network for Environmental Technology & Service Providers

NETWORKING EVENT AND DINNER hosted by the government of the State of Rhineland Palatinate

FRIDAY, 27th OCTOBER

B2B-Meetings on request

REGISTRATION AND FEE

Participation fee: 850.00 EUR per person (+19% VAT)

NOTE:

The participation fee includes:

1. Conference registration fee
2. Welcome dinner on the 22nd October
3. Lunch and dinner from 23rd to 26th
4. All refreshments on the 25th - 8ICEC
5. Transportation costs of the excursions to and from ECB

This excludes:

1. Accommodation costs [please see below]
2. Air-fare and other travel costs to and from ECB

ACCOMMODATION

You may choose an appropriate accommodation from the following options. However, we wish to recommend 'Hotel Vicinity', the campus hotel, located within the campus premises. Please also note that, unless specified otherwise, all scheduled excursions start and end in front of the Hotel Vicinity.

- Hotel Vicinity, <http://www.hotel-vicinity.de/en/home/>
- Angel's Hotel St. Wendel, http://www.angels-dashotel.de/fruchtmarkt/index_en.html
- Angel's Hotel Golfpark, St. Wendel, http://www.angels-dashotel.de/golfpark/index_en.html

HOW TO GET THERE

By train:

From Frankfurt am Main Hbf [Frankfurt Central Station] or Frankfurt Flughafen [Frankfurt Airport Regional Train Station] take the train bound for Saarbrücken Hbf and get off at Neubrücke (Nahe) station, which is 200m from the ECB. Train tickets could be purchased at the station automaton, travel center office or online at: www.bahn.de

By car:

Following address and GPS coordinates may be used. The map below gives you the motorway directions.

DESTINATION

Campusallee
55768 Hoppstädten-Weiersbach
Rhineland-Palatinate, Germany

GPS

N 49°36'26.455"

E 07°10'15.488"

ORGANISATION AND CONTACT

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REGISTRATION FORM

We encourage you to register online at: www.stoffstrom.org/veranstaltungen.

Alternatively, please send us by fax: **+49 (0)6782171264** or by email: **ICEW2017@umwelt-campus.de** the duly completed registration form below. We will email you an invoice including the bank account details for the payment of participation fee. Do kindly notify the conference secretariat, by email, once the transaction has been completed. Upon the reception of the full payment by the **registration deadline: 25th August 2017**, we shall send you a personalized invitation letter, should you require one for the purpose of procuring a visa. No registration will be processed unless the full payment of the participation fee is completed by the registration deadline.

CANCELLATION OF REGISTRATION POLICY

- Registration cancellations must be made in writing.
- Cancellation notices should be sent via fax to **+49 (0)6782 17 1264** or via email to **ICEW2017@umwelt-campus.de**.
- Cancellation requests received on or before September 25, 2017, will be refunded in full, less a EUR 150.00 administrative fee.
- Cancellation requests received between September 26, 2017 and October 01, 2017, will be refunded at 50% of the participation fee.
- Refunds will not be made for cancellations after October 02, 2017, or for participants who register but do not attend.
- No exceptions to this policy can be considered as funds will then be fully committed to the production of the conference.
- Transfer of registration fees to another person may be done without penalty with notice given to IfaS Conference Secretariate before October 10, 2017.

PERSONAL INFORMATION

Company/Institution

Title

First Name

Family Name

Address

Zip/Post Code, City

Country

Phone/ Fax

E-mail

Date, Signature :