

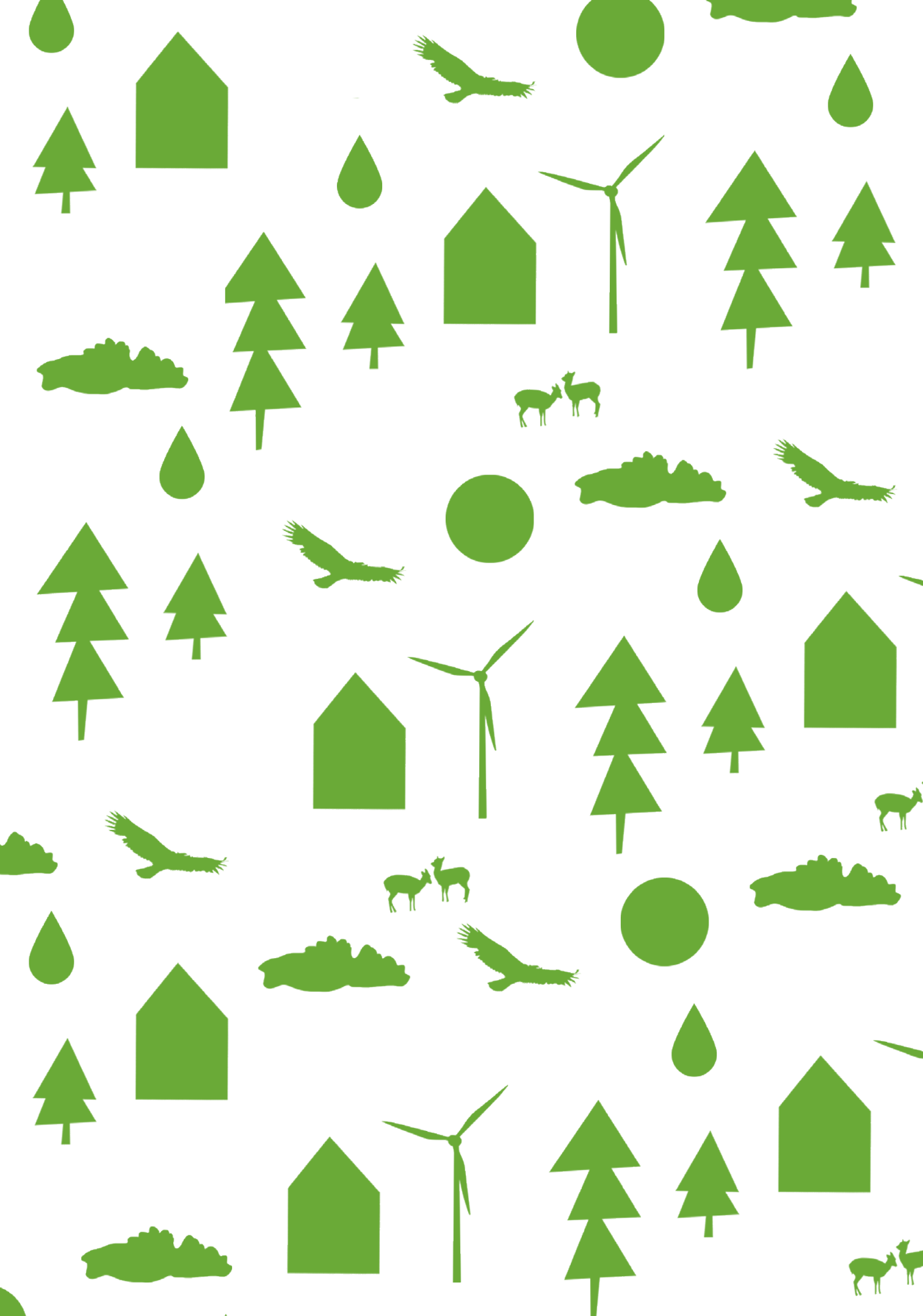


UfU
Independent Institute for
Environmental Issues

Annual Report

2017/2018

ENVIRONMENTAL
RESEARCH
CITIZEN FRIENDLY



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Preface

Dear readers,

The annual report of 2017 and 2018 is a fantastic mirror of the development of UfU during that time. It shows that efforts of the UfU team to promote the protection of nature, climate and the environment are manifold. However, the successes they achieve are often of a preliminary nature. Experience has shown that achievements of today can be questioned or fully destroyed by tomorrow. Hence, there is no reason to rest on our laurels. Sustainability is in high demand. At the same time, consumer behaviour and modes of production impede effective sustainability and frustrate long-term achievements in the protection of nature, climate and the environment – not only in Germany. This is precisely why we must not give up on our efforts to bring about a fundamental change and raise awareness for both challenges and chances that come with the protection of nature, climate and the environment. The projects assembled in this report show ways to reach those objectives and to induce transformative processes in a variety of fields.

In many fields, UfU plays a leading role. It acquires scientific expertise and instantly applies this expertise in practical projects. The interrelationship between scientific research and practical application can be found in many of UfU's projects. One example is the Participation & Impact (Beteiligung & Wirkung) project. During the project period of three years, the project explored forms of participation to find out which methods are the most suitable to stimulate enthusiasm among young people for the protection of nature, climate and the environment in order to initiate long-term social transformation processes. The results from this project formed the basis for action recommendations for transformative education institutions.

Also in the „fifty-fifty“ project on energy incentives, there is a close intertwinement of technical expertise and practical implementation. UfU developed the content of the project and ran new fifty-fifty projects all over Germany and other European countries.

Also the KORINA project (under the lead of UfU branch in Halle) has as its objective to transmit findings in environmental science. In the past two years, the KORINA team has modernised the information system and developed new methods for public outreach and education.

In the face of increasing legal possibilities and the ensuing complexity of legal regulations and legal proceedings it is increasingly important for environmental associations to share their experience and form networks. In order to facilitate

networking processes, UfU has developed a digital platform to under the Verbandsbeteiligung 4.0. project. For the time being, the platform is available in Brandenburg, Berlin and Niedersachsen.

In the past two years, UfU has proven expertise in numerous evaluation projects. The amount of external fundings and the variety of publications of 2017 and 2018 is vast. They show that UfU chose to disseminate the results of its work and its core values with insistence and success. UfU's growing visibility and reputation helped the institution to become an important address for students, scientists and civil-society actors from all over the world. In 2017 and 2018, UfU received visits from numerous foreign country delegations, and supervised master theses. Under the chancellor scholarship programme of Alexander von Humboldt Foundation, a scholarship holder (David Makarov from Russia) joined UfU in the Energy Efficiency & Energy Transition department.

Also the figures are a reflection of the positive development of UfU. UfU surpassed its very good figures from 2015 and 2016, the turnover rose steadily by 2 million euros, the number of employees increased accordingly. The success is only affected by the loss of members in comparison with previous years. In the view of the generally positive development, this loss can be seen as a motivation to regain new members. Seeing that UfU is a people-oriented institute, UfU is kept alive not only by its projects but by the support of its members and sponsors.

The following annual report is going to be a genuine annual report of the year 2019. This means that in the future, we are going to issue an annual report containing also content reports from the current year (similar to the special topic in UfU paper). The annual report is going to replace UfU paper seeing that personal resources could no longer sustain the latter and the number of readers dropped. Instead, our members will receive a newsletter with current reports from the institute as of 2019.

I wish you a pleasant read of the annual report on the results from the years 2017 and 2018.
Cordially,

Dr. Michael Zschiesche
Chairman of the board



UfU's own projects

UfU Journal „UfU topics and information“

4 issues in 2017 and 2018

number 81, 1/2017: Sustainable mining of raw materials – a contradiction?

Articles: Conflict over resources, Fabian Stolpe; Less resource mining due to more efficiency in the mining process, Silke Domasch; Recultivation of mining areas in Vietnam with the help of energy plants, Harald Mark; Talk on the necessity of a transition in the use of resources and the preconditions thereof with Friedrich Schmidt-Bleek, Silke Domasch and Michael Zschiesche

number 82, 2/2017: Public Participation and the search for a final repository for nuclear waste: chances for success?

articles: Public participation in the search for a final repository site – a new dimension?, Michael Zschiesche; Public participation in the selection process of a permanent repository site, Silke Domasch; Interview with Thorben Becker on the challenges of public participation in the final repository selection process, Silke Domasch

number 83, 1/2018: Innovative environmental technology versus user behaviour

articles: Innovative environmental technology and user behaviour, Marlies Boch and Uwe ter Vehn; Climate-friendly construction and restoration, Nicolas Besser; Interview with Klaus Mindrup on approaches and incentives for energy efficient restoration of buildings, Michael Zschiesche

number 84, 2/2018: The big picture

articles: Issues of current relevance and of society, Michael Zschiesche; Proposal for a left-wing perspective. State, market and everyday communism, Malte Schmidhals; Great transformation of society – how should UfU react? Interview with Uwe Schneidewind and Michael Zschiesche about the art of the future and room for experiments.

► contact: Michael.zschiesche@ufu.de

Series of talks on climate change (Halle)

25/10/2017, 7 pm: Climate project Halle 2014 – 2017, Kristin Hoffmann, DWD Potsdam

08/11/2017, 7 pm: World climate protection without the United States of America?, Prof. Dr. Reimund Schwarze, Helmholtz centre for environmental research - UFZ

15/11/2017, 7 pm: Climate change and extreme weather incidents: floods at the river Saale or droughts in central Germany?, Dr. Andreas Marx, office for central German climate (UFZ)

06/12/2017, 7 pm: Decarbonisation – a challenge for Germany as an industrial state

26/09/2018, 7 pm: Material use of carbon as part of the transformation path towards chemistry 4.0, Prof. Dr. Ralf Wehrspohn, Fraunhofer Institute for Microstructure of Materials and Systems (IMWS)

10/10/2018, 7 pm: How Sachsen-Anhalt reacts to climate change. On the current status of climate protection, energy concepts and adaptation strategies, Wigbert Albrecht, state office for the Environment Sachsen-Anhalt

24/10/2018, 7 pm: Flood control in and for Halle during times of climate change, Thomas Keller, state office for flood protection and water management Sachsen-Anhalt (LHW)

28/11/2018, 7 pm: Sustainable landscape development despite of climate change, Prof. Dr. Christiane Fürst, Institute of geosciences at the Martin Luther University Halle Wittenberg.

Events

Professional discussion "Business Interest and the Environmental Crisis" in collaboration with "Forum Umwelt & Entwicklung", Berlin 12/05/2017

Symposium "Climate protection at schools 2017", Berlin 17/10/2017

Symposium "Climate protection at schools 2017", Berlin 16/10/2018

websites

<http://www.umwelt-beteiligung.de/>

www.fifty-fifty.eu

www.aarhus-konvention.de

www.umweltinformationsrecht.de

Environmental Law & Participation Department

The Environmental Law and Participation department can look back on two successful years. More than 10 colleagues ran national and international projects some of which lasted several years. There is a vast variety of topics, ranging from citizens' environmental protection rights (participation rights and access to justice) to planting energy crops on post-mining sites under the International Climate Initiative (IKI). All projects have a focus on actors from civil society and their possibilities to participate in climate and environmental protection matters. The department's activities are broad; they range from scientific studies and reports, trainings, workshops and summer schools to exhibitions and new online content. UfU's competence is in high demand both on a national and international level.

Summer school “Climate change issues in Central Vietnam”

The first summer school on climate change, climate impacts and climate protection took place in September 2017 in Hue, central Vietnam, with the support of Robert Bosch Stiftung and Mientrung Institute for Scientific Research (MISR). Almost 30 young scientists visited the event. The participants had the opportunity to learn about latest developments and findings in the field of climate protection and to share their own experience. Also in 2018, UfU organised a well-attended summer school with approximately 40 participants, including both practitioners and scientists.

- contact: michael.zschiesche@ufu.de; Thi Binh Minh Hoang
- duration: 04/2017 – 10/2017; 04/2018 – 10/2018
- ♦ funding: Robert Bosch Stiftung, MSIR
- project partner: Mientrung Institute for Scientific Research (MISR)

Collaboration with Deutscher Naturschutzring on the topic of “Environmental law and environmental protection rights of citizens and associations”

Deutscher Naturschutzring (DNR) and UfU have deepened their collaboration in the field of environmental law since 2017. UfU is going to support

DNR with drafting expert opinions on legislative processes and will take care of the coordination of the collaboration of environmental associations. To launch the collaboration, UfU organised a workshop on the possibilities of strategic litigation by environmental associations. A central topic of the workshop were the effects of the amendment of the Environmental Appeals Act (Umweltrechtsbehelfsgesetz) in 2017 on the legal position of environmental associations. The amendment broadens access to justice rights of environmental associations. While this creates new legal possibilities, it gives rise to the question of how to effectively seize those possibilities, e.g. by means of strategic litigation.

- contact: michel.zschiesche@ufu.de; Karl Stracke
- duration: 10/2017 – 08/2018
- ♦ funding: Deutscher Naturschutzring

Pre-study on strengthening national climate movements

For the study “Empowering Civil Society in the Implementation of National Policies”, UfU and BUND interviewed different actors that are active in climate protection in different countries. The objective of the study is to understand in what way international cooperation can support national NGOs.

- contact: franziska.sperfeld@ufu.de; sarah.kovac@ufu.de; michael.zschiesche@ufu.de

- duration: 04/12/2017
- ♦ funding: Federal Ministry for the Environment, International Climate Initiative (IKI)
- project partner: Bund für Umwelt und Naturschutz Deutschland e.V. (BUND)

“Soil Protection Urban” project

The “Soil Protection Urban” project ended in the beginning of 2017. It was created in 2015 on the occasion of the “International Year of Soils”. The project comprised two event days on soil protection matters in Berlin and in Cologne and a travelling exhibition that was shown in Munich, Leipzig, Berlin, Hamburg, Wuppertal and Cologne and on the World Soil Day at the Federal Press Office hosted by the German Environment Agency (UBA).

- contact: fabian.stolpe@ufu.de; patrick.konopatzki@ufu.de
- duration: 04/2015 – 02/2017
- ♦ funding: Verbändeförderung by Federal Ministry for the Environment/German Environment Agency (UBA)
- project partner: Prinzessinnengärten Berlin and other urban gardens

Federal EIA-portal (UVP-Portal)

Public participation is prescribed by law and a central element of environmental impact assessment (EIA). The new EU directive 2014/52/EU provides for changes in public participation in EIA procedures. In order to fulfil the new requirements, the federal government contracted TU Berlin to develop an EIA information portal. UfU and zebralog agency took part in a project lead by TU Berlin to develop a concept for the EIA portal. They are currently developing a prototype for the EIA portal.

- contact: fabian.stolpe@ufu.de; michael.zschiesche@ufu.de
- duration: 09/2016 – 09/2017
- ♦ funding: German Environment Agency (UBA); UfU as a subcontractor to TU Berlin
- project partner: TU Berlin (Prof. Köppel); zebralog

Research project on innovative NGO-business cooperations

While collaboration between business companies and NGOs can support transformation processes towards more sustainable management they can jeopardise the independence of NGOs. This conflict gave rise to the research project “Innovative NGO-Business Cooperations for Sustainable Management” (Innovative NRO-Unternehmens-Kooperationen für nachhaltiges Wirtschaften) under the environmental research programme of the federal government (Umweltforschungsplan). The objective was to prepare a systematic analysis of the latest developments in science and practice on the topic

of cooperation between business enterprises and NGOs and to collect empirical data. On the basis of the research results UfU developed criteria and guidelines for successful forms of cooperation and presented those in a study report.

- contact: franziska.sperfeld@ufu.de
- duration: 08/2016 – 09/2017
- ♦ funding: Federal Ministry for the Environment, German Environment Agency (UBA)
- project partner: Institut für Ökologische Wirtschaftsforschung (IÖW); UPJ (network of committed businesses and intermediaries in Germany)

Workshop on climate protection in Hue (Central Vietnam)

For the first time, a workshop was organised for the citizens of Hue on the topic of climate protection. The workshop took place on 14th October 2018 with the support of the Foreign Office of Germany and attracted 80 citizens. Experts from Vietnam presented the most important climate protection projects from the region.

- contact: michael.zschiesche@ufu.de
- duration: 05/2017 – 12/2017
- ♦ funding: Foreign Office of the Federal Republic of Germany
- project partner: Mientrung Institute for Scientific Research (MISR)

Participation Project “ProgRess”

In 2016, the federal government passed a programme on the sustainable use and protection of natural resources (ProgRess II). The objective of the project was to draft a concept for citizen participation in the national resource efficiency programme prior to the development of the programme. In 2015, UfU hosted citizen workshops and an online dialogue event in order to collect views, opinions and proposals from citizens. The proposals were discussed, published as citizen advice and were included in the annex of the ProgRess II programme. After the adoption of the programme in 2017, the brochure “Wie gelingt Bürgerbeteiligung auf Bundesebene? Erfahrungen aus dem Bürgerdialog: GesprächStoff: Ressourcenschonend leben” summarising the results of the project was published.

- website: www.gespraechstoff-ressourcen.de
- contact: Silke Domasch; michael.zschiesche@ufu.de
- duration: 10/2014 – 01/2017
- ♦ funding: German Environment Agency (UBA) (as part of UFOPlan 2014 of the Federal Ministry for the Environment)
- project partner: zebralog GmbH u. Co. KG

Report on public participation in the selection process of a location for the final disposal of radioactive wastes

The German Bundestag and Bundesrat adopted the revision of the location selection act (Standortauswahlgesetz) in March 2017. The law regulates the search and selection process for a final disposal site for thermogenic radioactive wastes. UfU collected, analysed and evaluated national measures that were adopted to facilitate public participation in this process. UfU conducted structured interviews in order to ascertain whether the law lives up to the expectations of public participation and to identify its deficits. The results were published in a final report.

► contact: Silke Domasch; michael.zschiesche@ufu.de

• duration: 01/2016 – 10/2017

♦ funding: Bundesamt für kerntechnische Entsorgungssicherheit (BfE)

■ project partner: Dr. Cornelia Ziem (Rechtsanwältin)

ZIVIKLI project (strengthening civil society with regard to the implementation of national climate policy)

While civil society actors often play a central role in the implementation of effective climate protection policies, organisations find their work more and more inhibited by obstacles. With this problem in mind, UfU and BUND provide support and advice to NGOs in Georgia, Ukraine, and Colombia that stand up for climate protection in their countries. UfU conducts an analysis of the situation of NGOs in the selected countries looking into the participation possibilities that NGOs have and at what contribution they make towards climate protection. This study forms the basis for recommendations for action that UfU puts into practice together with its partners.

► contact: franziska.sperfeld@ufu.de, larissa.donges@ufu.de; sarah.kovac@ufu.de; fabian.stolpe@ufu.de

• duration: summer 2018 – summer 2021

♦ funding: Federal Ministry for the Environment, International Climate Initiative (IKI)

■ project partners: BUND; partner organisations in Georgia, Colombia and Ukraine

Environmental information project in Croatia

While in Croatia, access to environmental information is granted by law it is very limited in practice. This limitation constitutes a violation of international obligations on the access to environmental information. This project, run by UfU and the Croatian environmental organisation Zelena Akcija (Green Action/Friends of the Earth Croatia), sought

to identify and overcome the obstacles to effective access to environmental information in order to allow more Croatian citizens to obtain access to environmental information. The project benefited from close collaboration with local authorities, environmental activists and journalists. The results of the project were summarised in a roadmap and handed to the Croatian information commissioner.

► contact: franziska.sperfeld@ufu.de; Anna-Julia Saiger

• duration: 07/2018 – 01/2019

♦ funding: Federal Ministry for the Environment, as part of the Beratungshilfeprogramm (BHP) für den Umweltschutz in den Staaten Mittel- und Osteuropas, des Kaukasus und Zentralasiens sowie weiteren an die Europäische Union angrenzenden Staaten

■ project partner: Zelena akcija/Green Action Croatia

Analysis of reporting of water protection data

UfU is part of the project “Analysis and strategic development of cross-domain reporting processes in national and European water protection” (Analyse und strategische Weiterentwicklung domänenübergreifender Berichtsprozesse im nationalen und europäischen Gewässerschutz) of the German Environment Agency. The objective of the project is to scrutinise the efficiency of reporting processes among federation and federal states and to develop suggestions for the improvement of the national database (data on water protection) and on the simplification of quality assurance of water protection on a national level. UfU is responsible for all legal questions in the field of reporting and data monitoring on the basis of the water framework directive.

► contact: michael.zschiesche@ufu.de;

lousia.hantsche@ufu.de

• duration: 04/2018 – 04/2020

♦ funding: German Environment Agency (UBA)

■ cooperation partner: M.O.S.S. Computer Grafik Systeme GmbH; hrd. Consulting

Report on legal actions of environmental associations

Prof. Dr. Alexander Schmidt (Hochschule Anhalt) and Dr. Michael Zschiesche (UfU) collected and analysed the outcomes of actions brought by recognised environmental associations during the period of 2013-2016. The scientists were able to show that the legal activity of environmental associations remains moderate even after the considerable expansion of access to justice rights in 2006. The average number of cases per year has only increased slightly from an average of 28,5 p.a. (in the period of 2007-2012) to 35 p.a. (2013-2016). At the same time, however, the number of recognised

environmental associations has increased vastly. It has further become evident that the success rate of proceedings brought by environmental associations has slightly increased. The study was conducted on behalf of Sachverständigenrat für Umweltfragen (SRU) and can be downloaded on the SRU website.

► contact: michael.zschiesche@ufu.de;

eva.luetkemeyer@ufu.de

• duration: 01/2017 – 03/2018

♦ funding: Sachverständigenrat für Umweltfragen (SRU)

■ project partner: Prof. Dr. Alexander Schmidt, Hochschule Anhalt

Participation 4.0. – follow-up project in the participation of environmental associations

When participating in planning procedures, small and medium-sized environmental associations often lack the support of like-minded actors to assert their points. The objective of the project is to strengthen volunteer work in the associations and to build a digital networking platform in order to facilitate exchange of experience among the associations (preceded by two projects on the creation of a platform for electronic participation for recognised associations between 2013 and 2017 in Berlin, Brandenburg and Niedersachsen). In order to achieve this goal, there will be trainings for staff of the associations on drafting scientific position papers. Besides, the project was presented in September 2018 at 34. Deutscher Naturschutztag in Kiel.

► contact: fabian.stolpe@ufu.de; Karl Stracke;

lousia.hantsche@ufu.de

• duration: 05/2018 – 10/2019

♦ funding: Verbändeförderung by the German Environment Agency (UBA)

■ project partner: DNR, small and medium-sized recognised environmental associations

Improving access to justice (A2J)

The overall objective of the project is to improve the implementation of EU environmental law. In order to achieve this goal it is crucial to facilitate access to justice of the public, e.g. by means of administrative and judicial review or objection procedures. The projects addresses different target groups and informs on the legal possibilities in the field of access to justice. It wants to transmit expertise in dealing with complicated legal regulations and remove the barriers to an effective access to justice. UfU prepared an analysis of the legal situation and organised a kick-off workshop.

► contact: Karl Stracke; franziska.sperfeld@ufu.de;

eva.luetkemeyer@ufu.de

• duration: 09/2017 – 09/2020

♦ funding: EU-Förderprogramm LIFE

■ project partner: Client Earth (Brussels), Justice & Environment; Environmental Management and Law Association EMLA, (Hungary); Estonian Environmental Law Center EELC, (Estonia); Instituto Internacional de Derecho y Medio Ambiente IIDMA, (Spain); Ökobüro, (Austria); Via Iuris (Slovakia)

CapaViet project

The objective of the cooperative project “CapaViet – Capacity and infrastructure development for the establishment of a soil contamination inventory in Vietnam by the example of Bac Ninh Province” is to strengthen the capability of Vietnamese authorities at provincial level to independently register and assess contaminated sites. Together with MSP Bochum and the regional environmental agency (DONRE), UfU will develop an inventory of contaminated sites in Bac Ninh Province. German and Vietnamese experts will record potentially polluted locations in a database with the help of GIS computer software. This allows the involved employees of DONRE in Bac Ninh to acquire the necessary expertise for the development of an inventory. Professional training courses in inventory development and in the use of mobile analytical methods for the assessment of heavy metals in soils will support the employees of Vietnamese authorities at the provincial and national level. The inventory of Bac Ninh can serve as a flagship project and be transferred to other provinces in Vietnam.

► contact: sarah.kovac@ufu.de; michael.zschiesche@ufu.de

• duration: 09/2017 – 08/2019

♦ funding: Federal Ministry for the Environment, under Exportinitiative Umwelttechnologien

■ project partner: MSP Bochum, DONRE Bac Ninh

Cultivation of energy crops on post-mining sites in Vietnam

The CPEP-Project examined the feasibility of energy crop cultivation on former mining sites in Vietnam. The project was launched on three pilot sites: Thai Nguyen, Quang Ninh and Lam Dong. The main results of the three-year project are summarised in a bi-lingual project report issued in 2018. Fabian Stolpe also presented the findings at the European Biomass Conference in Copenhagen in May 2018. UfU organised evaluation workshops on each of the pilot sites to discuss the results and experiences from the project with local specialists. In October 2018, a closing event took place in Hanoi to allow all experts involved in the project to present their results. Due to the very good results of the first project phase, the project will be continued

after summer 2019.

- **contact:** michael.zschiesche@ufu.de; fabian.stolpe@ufu.de; patrick.konopatzki@ufu.de; Sebastian Weiland
- **duration:** 09/2015 – 12/2018
- ♦ **funding:** Federal Ministry for the Environment, under International Climate Initiative (IKI)
- **project partner:** Ruhr-Universität Bochum – Fachbereich für Umwelttechnik und Ökologie im Bauwesen; MSP Bochum; Vietnam Environmental Administration (VEA)

Project for the mobilisation of co-benefits of climate protection

The project was launched in 2017 together with the project partners from Turkey, India, Vietnam and South Africa. The objective of the project is to define and to quantify the co-benefits of climate protection measures on a national and a regional level. They comprise measures in fields such as air quality, protection of natural resources, advancement of technological development, energy security and access to electricity but also creation of sustainable jobs. In the first project phase, research institutes in the participating countries quantified co-benefits. The idea was, on the one hand, to raise awareness for existing co-benefits. On the other hand, the research can form a basis for proposals of legislative or institutional measures to entrench co-benefits. This can enhance, amongst others, the acceptance of climate protection measures.

- **contact:** franziska.sperfeld@ufu.de; sarah.kovac@ufu.de; fabian.stolpe@ufu.de; michael.zschiesche@ufu.de
- **duration:** 03/2017 – 02/2020
- ♦ **funding:** Federal Ministry for the Environment, International Climate Initiative (IKI)
- **project partner:** Institute for Advanced Sustainability Studies e. V. (IASS); Renewables Academy AG (RENAC); International Energy Transition (IET) and partner organisations in India, Vietnam, South Africa and Turkey

Capacity building for water management in the Republic of Moldova

Due to an association agreement with the European Union, the Republic of Moldova is obliged to gradually implement the provisions of the water framework directive. The objective of this project is to support local authorities and civil society actors in the implementation of those stipulations. German stakeholders from the administration and from national environmental NGOs shared their experience with the Moldovan stakeholders. This allowed both countries to draw conclusions from the German experience in the implementation of the directive and to strengthen transnational collaboration. UfU prepared a guidebook on the implementation

of water law provisions for local authorities and environmental NGOs and helped to institute a water management council for Baltata River near the capital Chisinau.

- **contact:** patrickkonopatzki@ufu.de; Karl Stracke
- **duration:** 08/2016 – 11/2018
- ♦ **funding:** Federal Ministry for the Environment; German Environment Agency (UBA)
- **project partner:** Eco Tiras

Evaluation of the Environmental Information Act

The Environmental Information Act (UIG) entered into force 20 years ago and was revised 10 years ago. This research project is the first comprehensive evaluation of the act. On the one hand, the study analyses whether the law meets its objectives in practice. This comprises questions as to whether free access to environmental information is guaranteed and whether active dissemination of environmental information is sufficient. In order to answer those questions, UfU conducted a survey and collected opinions and experience both of authorities and of persons exercising the information rights. On the other hand, the project develops proposals for the legal improvement of the act. On 3rd December 2018, an international workshop took place on issues of access to environmental information.

- **contact:** michael.zschiesche@ufu.de, Karl Stracke
- **duration:** 10/2016 – 05/2019
- ♦ **funding:** Federal Ministry for the Environment; German Environment Agency (UBA)
- **project partner:** Prof. Dr. Dr. (hc.) Thomas Schomerus, Leuphana Universität Lüneburg; Prof. Dr. Christian Schrader, Hochschule Fulda; Dr. Kerstin Tews, Forschungszentrum Umweltpolitik, FU Berlin

“E-Enhance“ project in Vietnam

In 2018, UfU resumed the collaboration with the Vietnamese NGO GreenID. The main objective of the project is to promote energy efficiency measures and an increased use of renewable resources in rural areas of Vietnam. In the first project phase, the two organisations organised five training sessions with civil society organisations in Vietnam. The plan for the second phase is to form and educate teams in rural areas. At the same time, the fifty-fifty model, a concept that has proven successful in Germany, will be brought to Vietnamese schools

- **contact:** dino.laufer@ufu.de; michael.zschiesche@ufu.de; florian.kliche@ufu.de
- **duration:** 08/2017 – 08/2021
- ♦ **funding:** European Commission
- **project partner:** GreenID

Energy Efficiency & Energy Transition Department

Also in 2017 and 2018, the Energy Efficiency & Energy Transition department lied its main focus on projects in the field of energy conservation. In many cases we were able to continue the successful collaboration from the previous years. At the same time, we were able to gain new project partners. We are happy to be advisors on energy efficiency matters to schools in Pankow – UfU’s district of origin. We have been able to deepen the collaboration with Heidelberg ifeu-Institut and advance the Hamburg energy conservation project, a project with a history of 25 years. Our department has not only become involved on a national level. With the BEACON project, we have organised a flagship project for European climate protection. This project allows UfU to coach schools and municipalities in Bulgaria, Romania, Czech Republic and Germany.

Energy conservation projects in schools and nurseries

UfU continues its work in Reinickendorf district in Berlin while some Brandenburg municipalities are supported by the National Climate Initiative (NCI) by the Federal Ministry for the Environment. Energy conservation projects increasingly address municipal nurseries. Current calls for tender almost always include coaching of nurseries. Apart from the projects listed in the following, during the school year of 2016/17, UfU ran energy conservation projects in schools and nurseries in Neustrelitz, Ahrensfelde, Beeskow, Teltow-Fläming and Havelland. UfU supports the “fair school” (“Faire Schule”) project by epiz which offers schools modules on energy conservation topics. We aim to make use of the fifty-fifty.eu portal for the purpose of public presentation of our projects.

- **Website:** www.fifty-fifty.eu
- **Contact:** florian.kliche@ufu.de

Energy conservation at schools in Hannover, Berlin-Reinickendorf and in Teltow-Fläming circuit

The mandate for coaching schools in Hannover has been extended for the school year of 2016/2017. This

is the ninth time that UfU is in charge of coaching schools in Hannover. During that school year, 27 schools from Hannover and 15 schools from Reinickendorf took part in the programme. In Reinickendorf UfU also organised a training for caretakers and a final event for all schools. In Teltow-Fläming circuit, schools have entered a post-coaching phase. During this phase, UfU helps the schools to ensure that energy consumption stays at a constant low level.

- **contact:** oliver.ritter@ufu.de

Energy conservation in Havelland circuit

The project in Havelland circuit ended in summer 2017 after four years. Under eleven district-owend schools were coached by UfU. Also interested Caretakers were invited to share their experience. It turned out that caretakers showed great interest in both events. At meeting on 15th March 2017 the pupils presented their work and the participating schools took stock of the projects. All participating schools received a certificate and a bonus for their commitment from state commissioner Roger Lewandowski and Dr. Henning Kellner, head of the department of the environment. In total, the participating schools have saved on average 7% of energy since the start of the project.

- **contact:** florian.kliche@ufu.de
- **duration:** 2014 – 2017
- ♦ **funding:** Umweltamt Landkreis Havelland

“Checker“ in Chemnitz

Chemnitz energy conservation programme “checker” was concluded after a period of three years. The programme combined education, measuring tasks and recommendations for organisational and technical improvements. On-site coaching ended in 2017 after the heating period.

- **contact:** florian.kliche@ufu.de
- **duration:** 2015 – 2017
- ♦ **funding:** City of Chemnitz with means of the National Climate Initiative (NCI)

Energy conservation at schools in Saxony

The energy conservation programme in Saxony was launched in the autumn of 2016. The energy agency of Saxony (Sächsische Energieagentur) engaged UfU to bring its energy conservation programmes to five schools in Saxony. UfU provides both technical and pedagogical coaching to those schools. In November 2017, UfU organised workshops in Zwickau, Flöha and Moritzburg for school caretakers to give them an opportunity to exchange their experience related to the topic of energy conservation.

- **contact:** florian.kliche@ufu.de
- **duration:** 08/2016 – 06/2019
- ♦ **funding:** Sächsische Energieagentur (SAENA)

Energy conservation at schools under the atmosfair project

Atmosfair compensates greenhouse gas emissions (mainly from flight travels) through the promotion of international renewable energy projects. In Germany, atmosfair supports energy conservation programmes at schools. UfU is the coordinator of those programmes. During the school year 2016/2017, UfU organised energy conservation programmes at schools in Berlin, Mölln and Bremen with the support of atmosfair.

- **website:** www.atmosfair.de
- **contact:** marlies.bock@ufu.de
- **duration:** 2007 – 2018
- ♦ **funding:** Atmosfair GmbH

Energy conservation at schools in Romania and Bulgaria

The objective of the programme is to create incentives for energy conservation by means of selected

educational measures at Romanian and Bulgarian schools. UfU works closely with a number of municipalities in the development of pilot projects and testing methods. UfU supported the local municipalities, e.g. with its expertise, and organised an event for the pilot projects and the ministries involved as a platform to share their experience. At so-called milestone conferences in Sofia and Bucharest in April and May 2017 there was a presentation of the first results.

- **contact:** florian.kliche@ufu.de
- **duration:** 09/2016 – 04/2018
- ♦ **funding:** consulting assistance programme (Beratungshilfeprogramm (BHP)) of the German Environment Agency (UBA)
- **project partner:** Environ Association Bukarest, NTEF Sofia

Counselling the city of Hamburg – fifty/fifty Programme

The incentive programme fifty/fifty has been running in the city of Hamburg since 1994. The objective of the programme is to set an incentive for public schools for a more responsible resource management. The efforts of those schools that save energy are rewarded: schools receive half of the energy, water and waste costs that they save as a bonus. The project was able to motivate both teaching staff and pupils to save energy and to make an active contribution to climate protection. In 2010, the school management has been transferred to a different agency (Schulbau Hamburg (SBH) and Gebäude-management Hamburg (GMH)). The current goal of the project is to adapt the fifty/fifty programme to the new conditions ensuing from this change.

- **contact:** marlies.bock@ufu.de
- **duration:** 2016 – 2019
- ♦ **funding:** Stadtbau Hamburg
- **project partner:** Ifeu institute

News from the climate schools atlas (Klimaschutzschulenatlas (KSSA))

The climate protection schools atlas was funded by the federal ministry of the environment under the National Climate Initiative (NCI) until December of 2017. Currently there are no means available to continue the maintenance of the KSSA project. Due to the general data protection regulation which entered into force on 25 May 2018, we were forced to put the climate change school atlas offline in order to avoid legal complications.

- **duration:** 01/2013 – 12/2017
- ♦ **funding:** Federal Ministry for the Environment, under the National Climate Initiative (NCI)
- **project partner:** Löwenholz Kommunikation

Schools @ University for Sustainability and Climate Protection (Berlin)

This programme is an extracurricular educational programme for school classes in Berlin. Twice a year, the project offers active workshops and lectures for 10-13 year old pupils on the topics of sustainability and climate protection at Freie Universität Berlin. UfU has been a project partner since 2008. In the school year of 2016/2017, UfU gave workshops and lectures on the topics “What is energy?”, “Taking energy transition together” and “Building our own solar power plant”.

- **Website:** <https://www.fu-berlin.de/en/sites/schueleruni/index.html>
- **contact:** marlies.bock@ufu.de
- **duration:** ongoing since 2008
- ♦ **project partner and funding:** Freie Universität Berlin

“Passive house schools spring into action“ programme

The three-year project “passive house schools spring into action” ran from January 2015 until December 2017. The project aimed at the reduction of prejudices connected to reconstruction measures for energy conservation by means of systematic information and educational programmes. It sought to involve stakeholders in the renovation process in order to achieve a supportive climate for the renovation measures. At the same time, UfU and its partners held a nationwide competition on the question of to best integrate the topic of passive house schools into the daily routine of schools. Contributions were received until 31st March 2017. The jury honoured the winners with prizes of a total value of 10,000 €. The results were presented in a manual.

- **contact:** marlies.bock@ufu.de
- **duration:** 01/2015 – 12/2017
- ♦ **funding:** Federal Ministry for the Environment, under the National Climate Initiative (NCI)
- **project partner:** e&u energiebüro GmbH (Bielefeld), Werk-statt-Schule e.V. (Hannover)

Environmental profile of municipalities – environmental education and participation with pupils – Germany Slovakia

The “Environmental Profile of Municipalities” project was initiated by the Slovak association “tree of life” (Strom života) with the objective of gaining pupils’ interest for the protection of nature and the environment. Over the past 15 years, the association has built a network of educational institutions in Slovakia including 150 local pupil groups. The project enabled the pupil groups to analyse the situation of the environment in their municipalities and

to discuss suggestions for improvement with the respective local governments. This project design calls on pupils to engage with the environmental situation of their surroundings. The project also produced teaching material and a manual for teachers. In analogy to the projects in Slovakia, similar projects have been launched in Germany.

- **contact:** florian.kliche@ufu.de
- **duration:** 10/2015 – 10/2017
- ♦ **funding:** Deutsche Bundesstiftung Umwelt (DBU)
- **project partner:** INAK (ANDERS) e.V., Bratislava (Slovakia); Strom života (Tree of Life) e.V., Bratislava (Slovakia)

Energy conservation programme (EEP) at schools in Potsdam

This programme calls on all 45 public schools in Potsdam to save energy. UfU supports schools together with the Berlin Energy Agency (Berliner Energieagentur (BEA)) to help them achieve this goal. For example, UfU organised project days on the topics of “heating and airing” and on logging of energy consumption. There is an incentive system to motivate the schools to engage with the project: every month, they receive points. At the end of each school year, the schools are rewarded with a bonus corresponding to the points they have achieved. Since the spring of 2018, the monthly energy consumption of all participating schools is being recorded in an online database.

- **contact:** marlies.bock@ufu.de
- **duration:** 09/2017 – 08/2019
- ♦ **funding:** federal state capital Potsdam, Kommunal Immobilien Service, KIS 005 – Energiemanagement
- **project partner:** Berliner Energieagentur (BEA)

Fifty/fifty energy conservation at schools in Leipzig (Halbe/Halbe)

The first year of the Leipzig energy conservation programme ended in summer 2018. The first six schools had participated in the “fifty-fifty” programme. The participating schools are rewarded with half of the money they save through responsible energy consumption behaviour. Caretakers receive a bonus for supporting the project. In the second project year, 8 new schools joined the project leading to a total of 14 participating schools. We aim to increase the number of schools to 30 in year three.

- **contact:** florian.kliche@ufu.de
- **duration:** 08/2017 – 12/2021
- ♦ **funding:** city of Leipzig, building management office (Amt für Gebäudemanagement); Federal Ministry for the Environment, under the National Climate Initiative (NCI)
- **project partner:** fifty/fifty concept

“Energy Conservation within Schools Group” (GSE) at schools in Hannover

In the school year 2018/2019, UfU continued to support primary and secondary schools in Hannover in their efforts to save energy. In the future, we aim to increase advertisement for energy management matters at school bodies and conferences. The kick-off event took place on 30th October 2018.

► **contact:** marlies.bock@ufu.de

• **duration:** since 2009

♦ **funding:** building management of the city of Hannover (Gebäudemanagement der Stadt Hannover)

■ **project partner:** Werk-Statt Schule Hannover

Energy conservation at schools in Fürstenwalde

Since the school year 2017/18, the energy conservation project is running at two schools, three day-care centres and four nurseries in Fürstenwalde. UfU visited the facilities were visited and developed a list with the first necessary measures. The day-care centres and the nurseries received the lists in team meetings. In case of the schools, however, the measures were developed together with a group of pupils.

► **contact:** marlies.bock@ufu.de

• **duration:** 2017 – Juni 2021

♦ **funding:** Bau- und Liegenschaftsmanagement, Stadt Fürstenwalde/Spree

Energy conservation in Luckenwalde

In the school year 2017/2018, UfU launched the energy conservation programme at four schools in Luckenwalde. We introduced the energy conservation model in order to encourage schools to develop an environmentally friendly behaviour and to save heat, energy and water. Schools are awarded a participation reward and received measuring equipment. In order to change the schools' consumption patterns, UfU organises information sessions and trainings for caretakers at the schools.

► **contact:** florian.kliche@ufu.de

• **duration:** 10/2017 – 06/2021

♦ **funding:** Stadtplanungsamt Stadt Luckenwalde

Energy conservation models at schools in the City of Halle (Saale)

The energy conservation programme in Halle (Saale) started in spring 2018 with a kick-off event in the city hall of Halle. Currently there are three participating schools. The objective of the project is to lower energy consumption at all participating schools through a change of consumption patterns

and through technical adjustments. Schools receive a share of the financial savings through an activity reward model. If they can prove that they implemented the measures they will receive a reward for participating in the project.

► **contact:** heiner.giersch@ufu.de

• **duration:** 2018 – 2021

♦ **funding:** DLZ Klimaschutz, city of Halle, Federal Ministry for the Environment

Energy conservation in Reinickendorf district

In the school year 2018/2019, the energy conservation programme continues at 15 schools in Reinickendorf. Under this project, UfU coaches both primary schools and secondary schools.

► **contact:** oliver.ritter@ufu.de

• **duration:** since 2008 – ongoing

♦ **funding:** Facility Management Reinickendorf

Energy conservation at schools in Pankow district

After eight years, UfU has been re-assigned the responsibility for schools in Pankow as of the heating period 2018/2019. UfU takes care of 18 schools and organises project days, trainings, caretaker trainings and other events.

► **contact:** tilman.abresch@ufu.de

• **duration:** 2018 – 2020

♦ **funding:** Bezirksamt Pankow von Berlin (Abt. Schule, Sport, Facility Management und Gesundheit), SE Facility Management, Fachbereich Hochbau

Climate schools Berlin/Athens – energy transition and climate protection in schools and society

The “Climate schools Berlin-Athens” programme seeks to decrease energy consumption of currently 80 schools in Athens by min. 5%. The project also wants to raise awareness for the impacts of climate change. The project includes trainings for teaching staff and vests schools with measuring equipment. At the same time, an action plan for climate protection is being developed for all public schools in Athens.

► **contact:** oliver.ritter@ufu.de

• **duration:** 10/2017 – 01/2020

♦ **funding:** Federal Ministry for the Environment, as part of the European Climate Initiative (EUKI)

■ **project partners:** city of Athens, MoA (municipality of Athens), Wind of Renewal (Griechenland), Respekt für Griechenland e.V. (Deutschland)

Evaluation of the energy conservation model fifty/fifty in Hamburg

In 2010, Schulbau Hamburg (SBH) and Gebäudemanagement Hamburg (GMH) have been allocated the responsibility for the management of public schools in Hamburg. The aim of this project is to adapt the fifty/fifty model to the new conditions resulting from this shift. UfU develops a new concept and a project plan in close coordination with the management of the schools.

► **contact:** marlies.bock@ufu.de

• **duration:** 01/2017 – 12/2018

♦ **funding:** Schulbau Hamburg (SBH)

■ **project partner:** ifeu-Institut

Energy conservation in Dusseldorf thanks to donation by Henkel

Due to a donation made by Henkel Foundation to UfU, UfU was able to share its experience in the field of energy conservation with WertSicht GmbH. This company runs an energy conservation programme at schools in Dusseldorf providing support and advice. Also teaching staff involved in the project was able to gain inspiration for project-based teaching methods.

► **contact:** florian.kliche@ufu.de

• **duration:** 2018

♦ **funding:** Henkel AG & Co. KGaA

Pilot project on energy conservation at a school in Jerichower land district

Stadtwerke Burg GmbH engaged UfU to run a pilot project on energy conservation at a secondary school in Möckern. The project comprised three project days to get pupils involved with the topics of energy efficiency, climate change and climate protection. The objective of those project days was to sensitize pupils for those issues. We are currently developing a consumption database.

► **contact:** tilman.abresch@ufu.de

• **duration:** 2017 – 2019

♦ **funding:** Stadtwerke Burg GmbH

Symposium “Climate Protection at Schools”

The topic of the annual “Climate Protection at Schools” symposium on 16th October 2018 was digitalisation and climate protection. The event took place at Pfefferwerk and more than 100 guests attended. Talks and workshops gave the participants the opportunity to learn about the topic and to share their experience.

► **contact:** tilman.abresch@ufu.de

♦ **funding:** GASAG und Senatsverwaltungen für Umwelt, Verkehr und Klimaschutz und Bildung Jugend und Familie (Berlin)

■ **project partner:** Pfefferwerk

BEACON – Network building and collaborative learning in an EU climate policy context

The objective of the “Bridging European and Local Climate Action” (BEACON) project (funded through the European Climate Initiative (EUKI)) is to support national governments, municipalities and schools in climate change matters by means of advice, scientific evaluation and network building. UfU supports the project with the organisation of trainings and workshops. UfU currently develops incentive systems for energy conservation and holds trainings for teaching staff at schools in Bulgaria, Czech Republic, Romania and Germany.

► **website:** www.euki.de/beacon

► **contact:** florian.kliche@ufu.de

• **duration:** 04/2018 – 03/2021

♦ **funding:** Federal Ministry for the Environment

■ **project partner:** Energy Cities, SEVEN, The Association of Municipalities Polish Network (PNEC), Energy Cities Romania (OER), ENVIRON Association, National Trust Ecofund Bulgaria (NTEF), Institute of Social Sciences – University of Lisbon (FCiências.ID), Centre for Renewable Energy Sources and Saving (CRES)

Teaching project “Outdoor school” – Lichterfelde

The primary school of Lichterfelde has been running an outdoor school in addition to regular classes since 2014. Classes are regularly held outdoors. The outdoor classes make use of the surroundings of the school while establishing links to the regular curriculum and allow pupils to learn in a playful way. The concept gives pupils the room to experience themselves, to move and to develop self-efficacy.

► **contact:** florian.kliche@ufu.de

• **duration:** 06/2017 – 12/2017

♦ **funding:** Grundschule Lichterfelde

Climate Protection & Transformative Education Department

The projects of the Climate Protection & Transformative Education department show how education can lead to a shift in awareness and different thinking patterns. The department develops methods and puts them into practice. In line with educational researcher Mandy Singer-Brodowski, transformative learning is understood as a process that is based on a shift of individual views and hierarchical proportions. This methodological approach is applied in the “Participation and Impact” project and in the study packets for the “Global Ideas Report” project by Deutsche Welle. Next to the transformative education pilot projects mentioned above, the department is in charge of the revision of environmental education projects (i.a. on the topic of climate change) for six public enterprises of the federal state of Berlin since 2018.

Young reporters for the environment (JRU) – “Litter Less” campaign

In the school year 2016/2017, UfU organised a number of workshops on the topics of waste and resources for pupils of different age groups. The pupils produced media elements such as articles, photographs and films. The goal of the workshop was to raise awareness for the topics of waste and waste prevention and to mobilise the pupils for related issues. The young reporters were given the opportunity to submit their contributions to the “Litter Less” competition.

► contact: Marianne.Kuehn@ufu.de

• duration: 09/2011 – 07/2018

♦ funding: Wrigley Jr. Company Foundation, Foundation for Environmental Education (FEE) as part of the “Litter Less” campaign

Participative exhibition “Joint Efforts for Energy Transition”

The exhibition was designed by network operator 50 Herzut and is being put into practice by UfU. It addresses pupils of grades 5 and 6 and illustrates

the energy transition process. The elements of the exhibition demonstrate the implications of the energy transition from fossil to renewable energies of an entire country. In 2018, the exhibition was shown in Rostock, Greifswald, in the district of Saale-Orla, Brieselang, Prenzlau, at the children’s university event on the topic of sustainability at TU Berlin, at the Energy Days in Moabit (Berlin) and at Mosaik-Werkstätten in Berlin.

► contact: mitmachausstellung@ufu.de; dino.laufer@ufu.de

• duration: 12/2012 – 12/2019

♦ client: 50 Hertz

Participation and Impact – target group-oriented methodology and impact assessment of environmental education

It is not enough that children and young people have a right to active participation. They need to make the experience that their participation pays off and makes a difference. Such an experience teaches children the importance of participation in a democracy. This is the approach that the project

“Participation and Impact” is based on. As a first step, UfU investigated what topics and methods are of interest to young people. In order to answer this question, UfU organised nation-wide workshops on participation with different age groups and compared the results with current developments of existing educational programmes. In a second step, UfU tried to find a way to measure the impact of educational programmes. In the last step, the different actors from schools and from other fields discussed the results from steps one and two. The discussion lasted over several workshops and resulted in five action papers, which are directed at environmental education institutions in first place.

► contact: ulrike.koch@ufu.de

• duration: 09/2016 – 06/2019

♦ funding: German Environment Agency (UBA), under the Umweltforschungsplan

♦ sub-contractor: Institut für Zukunftsstudien und Technologiebewertung (Berlin); Grafikbüro neonfisch Berlin (Heide Kolling)

KLAK: Climate action cinema

UfU has been running the three-year KLAK – KlimaAktionsKino (Climate action cinema) project since 2016, in co-operation with Solare Zukunft e.V. from Freiburg. At this special cinema, the visitors produce the energy for the projector themselves through cycling. The films shown at KLAK are short movies that young people produced with the support of professionals from the film and media business (Filmuniversität Babelsberg Konrad Wolf, Climate Communication Lab und filmArche e.V.) as part of the KLAK project. After the premiere in Berlin, the films were shown in 16 different places. The KLAK bike cinema tour lead to numerous inspiring encounters and the production of the documentary series “KLAK trifft” (KLAK meets”). The episodes of the series show ideas for a better and more sustainable lifestyle and can be watched on youtube.

► contact: ulrike.koch@ufu.de

• duration: 05/2016 – 04/2019

♦ funding: National Climate Initiative (NCI) (Federal Ministry for the Environment)

■ project partner: Solare Zukunft e.V.

Change the Grounds – Transforming Spaces for learning activities

This project seeks to promote the use of school grounds as a learning space. The project produced a guidebook for teaching staff on how the given surroundings could be used for classes. In April 2018, a project week took place with Strom Zivota (Slovakia) and Learning through Landscapes (Scotland).

► contact: marianne.kuehn@ufu.de

• duration: 09/2017 – 08/2019

♦ funding: Erasmus+ programme of the European Union

■ project partner: Learning through Landscapes, Strom zivota, INAK

Study packs on the topic of climate protection and environmental protection for “Global Ideas”

Global Ideas is a multi-media reporting project by Deutsche Welle (DW) on the topics of climate and environmental protection and for the conservation of biodiversity. With the support of International Climate Initiative (IKI) by the German Ministry of the Environment, Deutsche Welle has been producing TV reports, background reports and web specials. The productions inform on model protection projects and reach out to people from all over the world. Deutsche Welle seeks to extend its work in education in the future. It plans to develop study packs on climate issues and environmental issues targeted at pupils from all over the world. The material shall be made available in multiple languages and free of charge for teachers and educational institutions. UfU and the Global Ideas editorial department are responsible for developing a concept for the content of the study packs.

► website: www.dw.com/de/themen/global-ideas/

► contact: dino.laufer@ufu.de

• duration: 12/2017 – 12/2022

♦ funding: Federal Ministry for the Environment, International Climate Initiative (IKI)

■ project partner: Deutsche Welle

Young people’s panel on city development

Between 2015 and 2017, UfU held a four-day panel on city development for young people twice a year. The young people first discussed current city development projects by the Federal Institute for Research on Building, Urban Affairs and Spatial Development as well as other projects. After that, they were given the opportunity to develop their own positions and proposals. Affordable living, refugees in the city, the future of small cities, young people in big cities – were popular topics. At the subsequent panel at the Ministry for the Environment, the youth was able to discuss their positions and proposals with the competent state secretary.

► contact: ulrike.koch@ufu.de

• duration: 05/2015 – 02/2018

♦ funding: Federal Institute for Research on Building, Urban Affairs and Spatial Development (BBSR)

Nature Protection & Environmental Communication Department

In the past two years, the Nature Protection and Environmental Communication department ran a wide variety of projects on the topic of invasive neophytes. Since 2010, UfU has been operating its branch for the coordination of invasive neophytes in Sachsen-Anhalt, “Koordinationsstelle Invasive Neophyten in Schutzgebieten Sachsen-Anhalts (KORINA)“. KORINA has become known all over Germany as it established the foundations for neophyte management and paved the way for further work in that field.

KORINA II

The project “Implementation of the Action Programme Invasive Neophytes in Protection Areas of Sachsen-Anhalt” (KORINA II) (Umsetzung des Aktionsprogrammes Invasive Neophyten in Schutzgebieten Sachsen-Anhalts) took place from February 2017 until December 2018. The KORINA team developed new methods and material for public outreach and education purposes, updated the information system, including the website and the app, tried new methods for the management of invasive neophytes and provided advice to stakeholders in Sachsen-Anhalt.

- website: www.korina.info
- contact: katrin.schneider@ufu.de
- ♦ duration: 02/2017 – 12/2018

♦ funding: Europäischer Landwirtschaftsfonds für die Entwicklung des ländlichen Raums

ENVISAGE project (registration and management of invasive neophytes on agricultural areas)

The dispersal of invasive neophytes increasingly threatens the productivity of agricultural areas.

The objective of the project is to establish a basis for more effective control of invasive neophytes on agricultural areas. Landschaftspflegeverband “Grüne Umwelt” and Julius Kühn –Institut Braunschweig tested and evaluated measures to control invasive neophyte species. UMGEODAT GbR examined the technical possibilities to record the dispersal of invasive neophytes from the air, resorting to gyrocopters and drones amongst others. UfU has a number of responsibilities in the project. It provides data on the prevalence of invasive neophytes, is responsible for the website and organises meetings and workshops.

- contact: katrin.schneider@ufu.de
- ♦ duration: 05/2016 – 04/2019
- ♦ funding: Landwirtschaftliche Rentenbank, im Programm “Forschung für Innovationen in der Agrarwirtschaft”
- project partner: Landschaftspflegeverband Grüne Umwelt e.V. (Sülzetal), Julius Kühn-Institut (Braunschweig), UMGEODAT Umwelt- und GeodatenManagement GbR (Halle)

Energy Efficiency & Energy Transition Department



Kliche, Florian,
head of department



Bock, Marlies,
deputy head



Carl, Dorothea



Nguyen, Hoai



Selig, Arne



Ritter, Oliver



Bähge, Maximilian



Wehrmann, Wolfram



Laminski, Matthias,



Giersch, Heiner



Abresch, Tilman



Clasen, Kristin

without photo:
Wozny, Nicole;
Krohne-Danhier, Carlotta

Climate Protection & Transformative Education Department



Pook, Lea



Koch, Ulrike,
head of department



Kühn, Marianne



Laufer, Dr. Dino,
head of department



Tharan, Almuth



Belakhdar, Tinene



Nachreiner, Dr. Malte



Shahed, Schirin

without photo:
Wozny, Nicole;
Philipp, Reetz;
Dellos, Katharina;
Oeschger, Anne

Environmental Law & Participation Department



Lütkemeyer, Eva



Konopatzki, Patrick



Kovac, Sarah



Hoffmann, Ria



Rodenwaldt, Ann-Li



Sperfeld, Franziska,
deputy head



Stolpe, Fabian



Stracke, Karl



Nguyen, Thuy Thi



Pham Ngoc, Dr. Han



Zschesche, Dr. Michael,
head of department



Weiland, Sebastian



Domasch, Dr. Silke



Saiger, Anna-Julia



Hantsche, Louisa



Donges, Larissa

Nature Protection & Environmental Communication Department



Schneider, Katrin,
head of department



Rosche, Dr. Christoph



Nieke, Antonia



Hix, Karin

without photo

Kozic, Kevin;
Hollweg, Franziska;
Schmid, Robin;
Rademacher, Till Valentin;
Schlieker, Annika

Managing Board & Administration



Zschesche, Dr. Michael,
joint managing director



Domasch, Dr. Silke,
joint managing director
5/2017 – 8/2018



Tharan, Almuth,
joint managing director
until 5/2017



Schmidhals, Malte,
joint managing director
until 5/2017



Gaida, Verena,
office management



Schröder, Ricarda



Heinecke, Tanja



Hix, Karin



Visits to UfU

12/05/2017

Discussion with Indian environmental activists Manju Menon and Kanchi Kohli with the topic "Business Interest and the environmental Crisis", in collaboration with the Forum Umwelt und Entwicklung, Franziska Sperfeld

18/09/2017

Study visit of staff of the Ukrainian organisation "Environment People Law" to learn about organisation and fundraising strategies, Dr. Michael Zschiesche, Franziska Sperfeld

19 – 27/02/2018

Study visit of teaching staff from Athens to UfU under the "Open Societies and schools in climate protection and energy transition (Climate school Berlin Athens)" project, funded by European Climate Initiative (EUKI), Florian Kliche, Oliver Ritter und Marlies Bock

07/03/2018

Staff of the education centre "fez Berlin" learn about UfU projects SoKo Klima, climate action cinema "Klimaaktionskino (KLAK)" and the participative exhibition on energy transition "Energie gemeinsam wenden", Schirin Shahed, Dr. Dino Laufer

05 – 08/06/2018

Study visit under the "Change the Ground - Transforming Spaces for Learning Activities" project, funded by Erasmus; multipliers from the fields of environmental and climate education from Scotland and Slovakia visit Berlin school grounds and develop new education concepts, Marianne Kühn, Tinène Belakhdar, Dr. Dino Laufer

18 – 22/06/2018

Study visit of participants of the "Train the Trainer" programme in Athens: "Open Societies and schools in climate protection and energy transition" (Climate school Berlin Athens), funded by European Climate Initiative (EUKI), Marlies Bock, Florian Kliche

24/06 – 02/07/2018

Study visit of employees of the provincial environmental agency (DONRE) B c Ninh to UfU for an exchange on the topics of registry and contaminated soil management, funded by Exportinitiative Umwelttechnologien of Federal ministry for the Environment, Patrick Konopatzki, Sarah Kovac

26/07/2018

Study visit of a group of 8 participants of the summer school "Global Climate Change" at TU Berlin,

presentation on "Climate related projects at the Independent Institute for Environmental Issues", Sarah Kovac, Franziska Sperfeld

28/09/2018

Visit of a high-level delegation of 20 Chinese judges from the province of Heilongjiang to UfU as part of a study visit in order to learn about access to justice and the growing importance of environmental law in Germany, Anna-Julia Saiger, Dr. Michael Zschiesche, (contact through Carl Duisberg Gesellschaft)

14/12/2018

Study visit of 20 Chinese public prosecutors to learn about problems and experience with environmental law matters. Dr. Michael Zschiesche (contact through Carl Duisberg Gesellschaft)



Christof Tannert Obituary

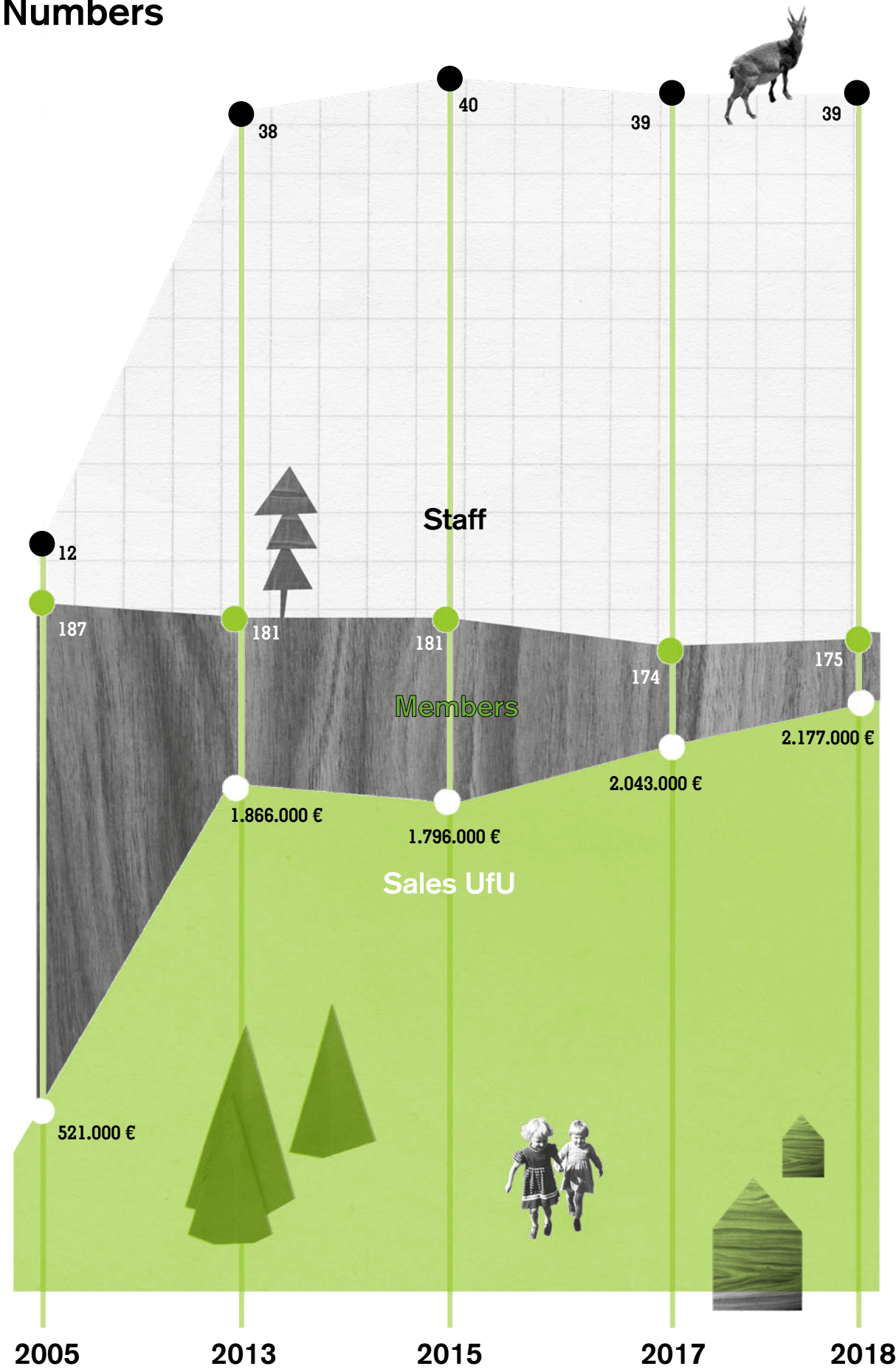
Christof Tannert – UfU mourns the loss of founding member – in honouring memory



Christof Tannert and Reinhard Piechocki founded UfU. At the age of only 73 years, Christof Tannert passed away on 11th April 2019 in Berlin. We mourn the loss of a friend, a visionary, a person who would always connect social and ecological aspects and who, also after his early retirement from UfU, would always stand up for the institute. Shortly before his death he avowed that founding UfU had been one of the best things in his life. A politician, scientist, theologian and an author of detective fiction – Christof Tannert naturally united many talents and roles in his person. He did not consider scientific expertise and political pragmatism to be a contradiction. His passion and skill helped UfU to survive the uneasy post-re-unification period and to settle as an independent

environmental institute. After a short time as CEO at Greenpeace East-Germany, he went into politics for SPD party in 1991, first in the Parliament of Berlin, then in the European Parliament in Brussels. Also during those times, he always took care of his UfU. UfU is going to miss Christof both as a pioneer and a critical thinker who would always remind us of the values that UfU stands for. Who would apply high standards also in times of growing stability, knowing that not only financial and political insecurity can pose a risk to an institute but also self-sufficiency and a lack of visions. In the end, said Christof, what matters is the unique nature of the institute and to what fields UfU makes an indispensable contribution.

Numbers



Imprint

UfU e. V., annual report 2017/2018

Editorial work: Eva Lütkemeyer, Dr. David Johst, Dr. Michael Zschiesche (UfU Berlin)

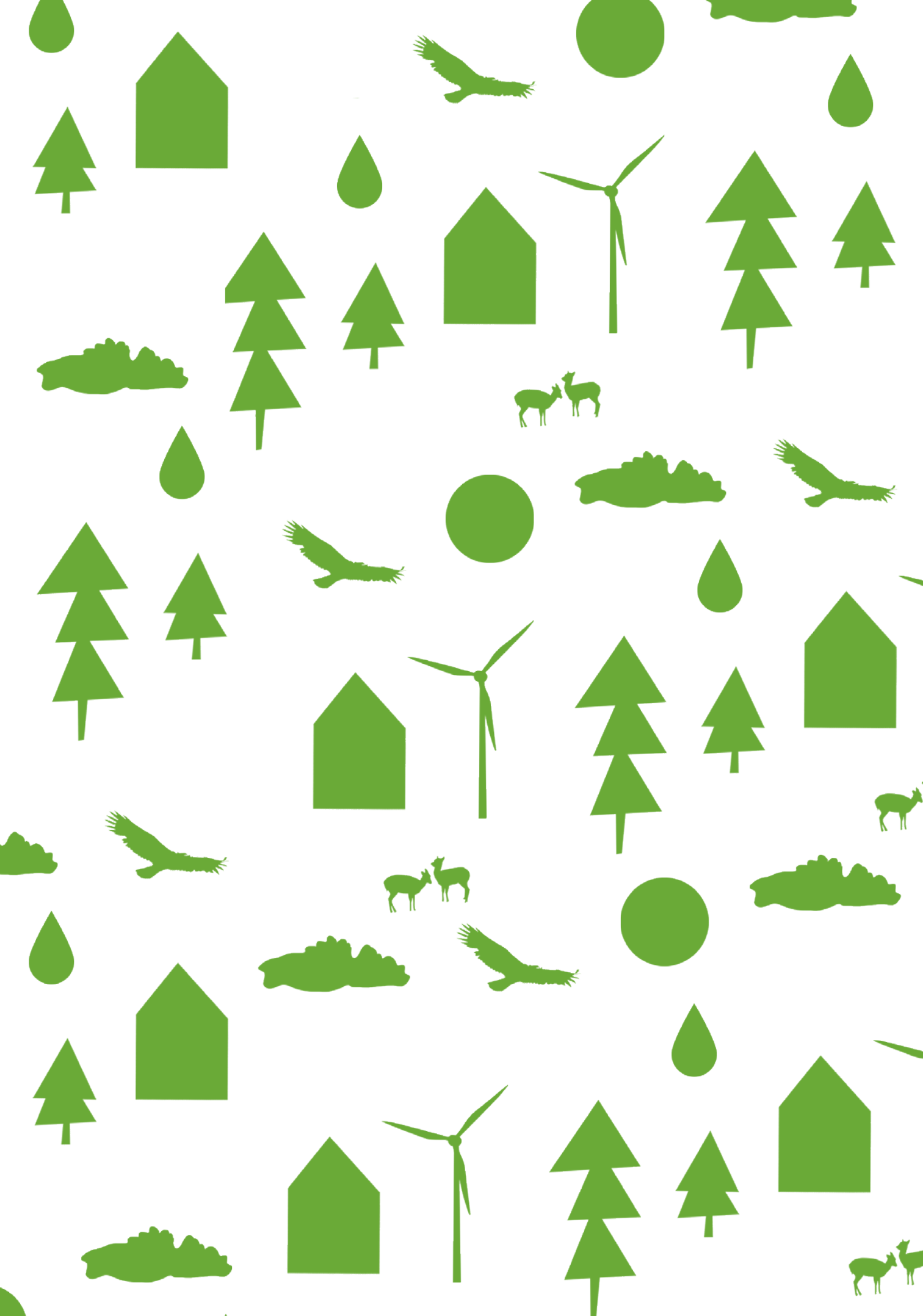
Design: Laura Kunstmann, www.laura-kunstmann.de

Illustration: Lena Kunstmann, www.lenakunstmann.de

Print: Oktoberdruck – Umwelt.Freundlich.Drucken, Berlin

(printed on FSC recycled paper with environmentally friendly ink)

Berlin, September 2019





UfU
Independent Institute for
Environmental Issues

Greifswalder Strasse 4, 10405 Berlin

p +49.30 42 84 99 30

f +49.30 42 80 04 85

mail@ufu.de

www.ufu.de

www.facebook.com/ufu.institut