

## Copernicus Alliance Newsletter No. 3



# COPERNICUS Alliance

European Network on Higher Education for Sustainable Development

Promoting transformational learning and change for sustainable development in higher education

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(2012-14)

Dr Clemens Mader  
**Elected Vice-President**  
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## COPERNICUS Alliance Newsletter

This is the Copernicus Alliance (CA) Newsletter No.3. In this edition, we focus on the Rio+20 events and celebrate the success of the CA-led *People's Sustainability Treaty on Higher Education*.

If you would like to make a contribution to the next newsletter please contact Dr Ingrid Mulà by the end of 2012 at: [office@copernicus-alliance.org](mailto:office@copernicus-alliance.org).

We would also appreciate if you could tell us whether you find the newsletters useful and give us so suggestions for improvement.

*The newsletters are only available to CA members.*

## News

### ✦ A warm welcome to new CA members!

The CA extends a warm welcome to **the Charles University Environment Centre** (Czech Republic) and **Natural Resources and Life Sciences** (BOKU, Austria) as new institutional members. We look forward to working with them in our planned activities for this year.

### ✦ The People's Sustainability Treaty on Higher Education

The People's Sustainability Treaty on Higher Education is an initiative led by the CA and seeks commitment to transformative change across the higher education system. The CA team engaged with this initiative as part of the commitments it made for 2012-14 including: increasing the visibility and work of CA at the international level; for policy change in higher education; and, the development of collaborative initiatives to support change towards sustainability.

The Treaty presents the collective vision of higher education networks, groups and institutions that are committed to more sustainable futures. It was developed over a 6 month process involving 30 international and national higher education associations and agencies as well as students groups from across the globe. The Treaty process facilitated by CA, already has over 65 signatories.

The People's Sustainability Treaty on Higher Education is one of fourteen Treaties which were proposed as independent collective agreements, with the intention of influencing Rio+20 outcomes. All the treaties were discussed and presented in a [series of events](#) organised at Rio Centro and the People's Summit in Rio de Janeiro from the 20th to the 21st June 2012.

We are delighted with the response received from the international community which has recognised the value of the Treaty in building momentum during, and after, Rio+20. The Treaty not only acknowledges the work done to date to embed sustainability within higher education, but invites higher education stakeholders to continue to build on these principles and take innovative actions to transform the sector.

The final version of the Treaty and an updated list of signatories are now available online [here](#). **We ask all higher education institutions or organisations considering becoming a signatory of the Treaty. You can download and complete the form available in the Treaty's webpage and send it to us ([office@copernicus-alliance.org](mailto:office@copernicus-alliance.org)) before the 31 August 2012.**

CA is planning to bring the Treaty's signatories together virtually this autumn to discuss and develop the Treaty and showcase efforts of signatories beyond 2012. We look forward to working together in influencing higher education and supporting change towards sustainability.

### ✦ Rio+20 - Higher Education in "The Future We Want"

The ["The Future We Want"](#) is the Outcome Document of Rio+20 that was delivered to more than 100 heads of state and government. In it, political leaders renewed their commitment to sustainable development and reaffirmed their commitment to action plans like Agenda 21.

Paragraphs 229-235 highlight the contribution of education to sustainable development. For the first time, the text is strong regarding ESD and higher education and proposes to continue efforts beyond the United Nations Millennium Education for Sustainable Development (2005-2014):

"229. We reaffirm our commitments to the right to education and in this regard, we commit to strengthen international cooperation to ensure universal access to primary education, particularly for developing countries. We further reaffirm that full access to quality education is an essential condition for achieving sustainable development, poverty eradication, gender equality and women's empowerment and sustainable development, for the attainment of the internationally agreed development goals including the Millennium Development Goals and the participation of both women and men, in particular young people. In this regard, we stress the need for ensuring equal access to education for people with disabilities, indigenous peoples, local communities, ethnic minorities and people living in rural areas.

230. We recognize that the younger generations are the custodians of the future, as well as the need for better quality and access to education at the primary level. We therefore resolve to improve the capacity of our education systems to prepare people to pursue sustainable development, including through enhanced teacher training, the development of curricula around sustainability, the development of training programs

students for 41 careers in fields related to sustainability, and more effective use of information and communication technologies. We call for enhanced cooperation among schools, communities and authorities in efforts to promote access to quality education outcomes. We call for enhanced cooperation among schools, communities and authorities in efforts to promote access to quality education outcomes.

231. We encourage Member States to promote Sustainable Development awareness among youth, inter alia, by promoting programmes for education in accordance with the goals of the United Nations Decade of Education for Sustainable Development.

232. We emphasize the importance of greater international cooperation to improve access to education including through building education infrastructure, increasing investment in education particularly investment to improve the quality of education for all. We encourage international educational exchanges and partnerships, including the creation of fellowships and scholarships to help achieve education goals.

233. We resolve to promote Education for Sustainable Development and to integrate sustainable development more actively into the United Nations Decade of Education for Sustainable Development (2005-2014).

234. We strongly encourage educational institutions to consider adopting good practises in sustainability management on their campuses and communities with the active participation of inter alia students, teachers, and local partners, and teaching sustainable development as a component across disciplines.

235. We underscore the importance of supporting educational institutions, especially higher educational institutions in developing countries, to carry out research and innovation for sustainable development, including in the field of education, to develop quality and innovative programmes in entrepreneurship and business skills training, professional, technical, vocational training and lifelong learning, geared to bridging the gap and advancing national sustainable development objectives."

The CA lobbied for the inclusion of higher education in the text since the Zero Draft of the Outcome Document was released in January 2012. We firstly proposed a change of language in the Zero Draft to be consistent with the goals of ESD. The Zero Draft proposed the development of specialised higher education courses and modules on sustainable development. We suggested that the alternative was that ESD capabilities were embedded across all levels of education. The Second Draft of the Outcome Document included our recommendations.

Unfortunately, a week before government leaders arrived at Rio, the Draft Outcome Document had changed considerably. Although education was still strong in the document, the paragraph on higher education was removed. A few opportunities existed to change the education paragraphs as these had already been approved in the Preparatory Meetings. The CA together with other higher education for sustainable development networks lobbied for higher education to be reinserted in the Document. Finally, the Document acknowledged in paragraph 235, the importance of supporting higher education institutions, especially in developing countries. Also, higher education was mentioned in paragraph 272, under the section on technology.

#### ✦ Copernicus Alliance at Rio+20

- ***CA Member of the Scientific Steering Committee, Philipp Schoeffmann (WU Vienna) and Dr Clemens Mader represented the CA at the People's Treaties Event at Rio Centro (13 June 2012), by Philipp Schoeffmann***

Spearheading a number of outstanding official side-events the launch of the People's Sustainability Treaty was one of the most energetic and fast-paced the Rio+20 UN Conference was going to experience. When over 100 engaged leaders and representatives of major groups and stakeholders of civil society met, there was a sense of excitement and collaboration - and of happiness about the completion of a development that was important for all people involved in the process. Together, 14 groups of organisations developed the Treaty on important areas such as equity, consumption and production, sustainable development goals (SDGs) and spiritual values for sustainable development. The Copernicus Alliance, represented by Philipp Schoeffmann and Dr Clemens Mader, introduced the Treaty on Higher Education.

- ***Dr Clemens Mader represented CA at the RCE event at Rio+20 held on the 15th June at Rio Centro. Event: "Multi-stakeholder learning towards green society" (15 June 2012)***

On 15 June, Dr Clemens Mader was invited to represent the CA, official supporter of this initiative, at an event organised by United Nations University Institute of Advanced Studies (UNU IAS) and the Ministry of Education, Culture and Sports (Japan). The event explored the role of the multi-stakeholder learning initiatives into green economy. It identified potential local-global and local-local and triangular partnerships that could facilitate transnational learning and action research for sustainability.

For more information about this event, please visit the following [link](#).

- ***Prof Daniella Tilbury and Dr Ingrid Mulà presented at an event facilitated by Dr Uchita de Zoete: “People’s Sustainability Treaties at the People’s Summit (17 June 2012)”***

On 17 June, Prof Daniella Tilbury and Dr Ingrid Mulà presented *the People’s Sustainability Treaty* at the People’s Summit event “Imagine all the people: Advancing a planetary movement.” We had the opportunity to meet other Treaty’s facilitators and know more about their initiatives. The participants and speakers agreed to join the [Widening Circle](#) campaign.

- ***Prof Daniella Tilbury and Dr Clemens Mader represented the CA at the Rio+20 side event: “Accelerating the CA: Unlocking the potential of tertiary education to accelerate sustainable development” (18 June 2012)***

On Monday 18 June, CA joined other higher education for sustainability organisations (such as EAAC, GUNi, KACI, CEE, EuroMed) and hosted an official side event at the Rio+20 Conference. The event was moderated by Sir Bob Watson, Chief Scientific Advisor for Defra (UK) and brought together tertiary education associations, government delegates and student body representatives from across the world, to explore and agree on a change in context of the critical role that universities and colleges play in building a sustainable future. Prof Daniella Tilbury took part of the panel representing the CA. Dr Clemens Mader represented the Austrian Government. The People’s Sustainability Treaty on Higher Education was presented at this event. The Treaty was signed by all participants at the event.

#### ✦ **Other Rio+20 Side Events on HE**

**There were several HE initiatives launched at Rio+20. For full details, please visit this [weblink](#). You can also find photos of Rio+20 in the [CA website](#).**

#### **Perhaps the most significant was the launch of the Higher Education Sustainability Initiative:**

On 18 June, leaders of the international academic community came together at Rio+20 to launch a new Higher Education Sustainability Initiative for Sustainable Development facilitated by an umbrella of United Nations partner organisations. The CA was invited to attend this event which was organised by UN DESA on behalf of UN Academic Impact, UN Global Compact, UN PRME and UN University.

The initiative calls upon leaders of the academic community around the globe to commit themselves to research and teaching on sustainable development issues, greening their campuses and engaging with international organisations such as the UN DESD. The CA, acknowledging the role of higher education networks in driving change towards sustainable development, has endorsed this initiative which you can view by clicking [here](#).

#### ✦ **CA - IAU Partnership results in a Publication: “Contribution of Higher Education and Sustainable Development” NOW ONLINE**

“Research studies demonstrate that only a few universities have been successful in transforming the work culture and inspiring a widespread institutional change. The reality is that changing the culture and structure of universities and colleges is highly complex and requires the involvement of the whole institutional community. The CA’s contribution to sustainability in higher education has been primarily driven by international partnerships and networks, which are directing efforts to support sustainability innovation in all areas of universities.”

This special edition of Horizons (vol.18, no.2) is a CA-International Association of Universities (IAU) collaboration. It provides an interesting overview of higher education’s engagement with sustainable development. The special edition is edited by Prof Daniella Tilbury and Hilligje van’t Land, draws together articles from various regions around the globe and includes contributions from several CA members including Gerd Michelsen and Marco Rieckman (Leuphana University Lüneburg); Jana Dlouhá (Charles University, Czech Republic); and, Thomas Breu, Urs Wiesmann, Anne Zimmermann (University of Bern, Switzerland).

You can download the IAU Horizons (vol.18, no.2) by clicking [here](#).

#### ✦ CA contribution to the recent virtual debate “Big Tent III: Sustainability, Knowledge and Commu

The Big Tent Group of Global Networks has produced two Global Communiqués on issues of communi research and engagement. These statements have proven to be quite useful to draw attention of poli funders at local, national and international levels. The nature of these statements is that they are own contribute to them and are in a sense co-owned by any and all of the various networks. The mean of a consensus was done through a video dialogue.

Big Tent III differed from the other two in two ways. First, it focused on the role of CU research partne sustainable societies. Second, a virtual internet platform was used to generate discussion rather than a that limits participation. Prof Daniella, Tilbury, CA President, was asked to initiative this virtual debate follow by clicking [here](#).

#### ✦ CA at the 6th Seminar on ESD Research, Edusost Network (Barcelona, 6 July 2012)

The Catalan Research Network on Education for Sustainability (Xarxa Edusost) organised the 6th Semir on the 5th July 2012. Dr Ingrid Mulà, CA Secretariat, was invited as a panellist to discuss and share her Rio+20 Conference as well as to present the People’s Sustainability Treaty on Higher Education develo panel was also constituted by Dr Jesús Granados, from the Global University Network for Innovation (C Susanna Rivero, Secretary for Environmental and Sustainability at the Ministry of Territory and Sustain (Government of Catalonia).

For more information about this seminar, please visit the organiser’s [website](#).

#### ✦ CA Membership Renewal 2012

The COPERNICUS Alliance membership for 2012 is due for renewal. In the upcoming days, you will rec the University of Gloucestershire. We are asking members to progress this as soon as possible and bef **September**. We look forward to your continuous involvement.

In 2012-13 the COPERNICUS Alliance will provide opportunities to: inform global dialogues and interna higher education for sustainability; engage in networking and joint bidding with European higher educ participate in training and leadership development programmes for sustainability in higher education; international publications.

#### ✦ London South Bank University (LSBU) - New flexible/distance learning course starting October 2

**Leadership, Learning and Climate Change: The Sustainability Revolution** - This will develop your unde change and the implications for our future ways of learning, living and being on this planet.

**Values and Participation – Local to Global:** This provides a wide overview of the general issues and de scales and elements of sustainability – from local to global and integrating ecology, economy, society a

All courses provide credits towards the MSC/ PG Dip/ PG Cert in Education for Sustainability and can b one of these programmes. Each module costs £600 each which provides you with:

- an excellent set of teaching materials (Study Guide and Reader) and case studies from across the
- access to VLE, on line activities and the global online learning community
- connections with sustainability organisations in the UK and across the globe
- tutoring and Introductory Day school at LSBU (an optional weekend residential may be provided f fee)

Check out the [LSBU website](#) for a video clip and more details or contact Veronica Leacock on [efs@lsbu.ac.uk](mailto:efs@lsbu.ac.uk) application form.

✦ **University of Natural Resources and Life Sciences (BOKU, Austria) – Rio+20 contributions, by Michael Dearborn**

• ***Rio+20 Higher Education Sustainability Initiative***

In the run-up to Rio+20, BOKU, in a demonstration of its commitment to advancing sustainability, announced its Commitment to Sustainable Practices of Higher Education Institutions on the Occasion of the UN Conference on Sustainable Development. The BOKU was the first, and thus far only, Austrian university to have signed this commitment.

• ***BOKU researcher and senior lecturer, Michael Braito, in Rio for UNCSD 2012***

Michael Braito, BOKU researcher and senior lecturer at the Institute of Sustainable Economic Development, supported with a small grant from the Centre for Global Change and Sustainability (gW/N), attended the Rio+20 conference in Rio de Janeiro. BOKU students and faculty – as well as the broader public – were involved in various activities in Rio via a blog (in German) that he updated daily. Upon his return from Brazil, Braito was part of a roundtable discussion with staff from the gW/N, the BOKU rectorate and a number of youths interested in sustainability. BOKU institutes as part of a Rio+20 initiative coordinated and supported by the Austrian Federal Government and Research (for more information, please see below). In order to continue sharing his insights in the process and his experiences with as many individuals as possible, Braito will be writing articles for the National Union of Students, taking part in a number of events and lectures, and has stated that he will be incorporating numerous aspects of his participation in Rio+20 into the courses he teaches at the BOKU.

• ***Alliance of Sustainable Universities in Austria***

In order to progress ESD at the national level, BOKU called on other Austrian universities to join the national Alliance of Sustainable Universities in Austria. Currently, the Alliance includes nine Austrian universities and plans to bring in additional Austrian institutions. At present, the Alliance is in the development phase, implementing best practices, brainstorming activities and initiatives for its first year, and working together to promote sustainability in Austrian higher education – in the areas of operational ecology, teaching, research and societal responsibility – at all levels.

• ***Five school students at BOKU in the framework of the Rio+20 internship program (additional information for Science and Research)***

Five school students are spending the month of July at three different BOKU institutes learning about sustainability research. Madelaine Alber and Andreas Dünser are applying a model for sustainability criteria to higher education in Austria. Jacqueline Keintzel is modelling local temperature records from tree rings in the Vienna area. Agnes Forstinger and Jakob Zeilinger are engaged in a media analysis supporting a project with climate sceptics in Austria.

✦ **Charles University Environment Center updates, by Andrew Barton**

• ***Andrew Barton presents the People's Treaty to the Society of Sustainable Living (Prague, 5 June)***

A general overview of the People's Sustainability Treaty on Higher Education was provided by Andrew Barton, Charles University Environment Center to members of Společnost pro trvale udržitelný život (Society for Sustainable Living) in Prague, Czech Republic, on Tuesday, 5 June. The presentation provided some context to the Treaty and the process of negotiation it will go through at Rio+20 and beyond, as well as highlighting the commitments, evolving principles and activities.

• ***Rio+20 side event: "Measuring a green economy: Insights into 'Beyond GDP' indicators"***

The Charles University Environment Center together with the Czech Ministry of Environment prepared an event at the Rio+20 Conference with the title “Measuring a Green Economy: Insights into ‘Beyond GDP’”, which three respected institutions presented their methods for evaluating various aspects of social progress within the context of sustainable development

For more information about this event, please click [here](#).

- ***Rio+20: Contribution by Czech Major Groups***

The Charles University Environment Center also led and managed the Czech Republic’s contribution to the Rio+20 Conference by organising the Czech Major Groups in the formulation of a document on what actions need to be undertaken to ensure a more sustainable future. Following a public debate stated on the theme of the initiative The Future We Want, the CUEC compiled and published a document summarising the views of the participants in that debate. That document, [Rio+20: Contribution by Czech Major Groups](#), has been published prior to the Rio+20 Conference and presented to the Czech government to commit itself to the outcomes of the Rio+20 Conference and to ensure their implementation.

## Partner of the Month

### ✦ University of Natural Resources and Life Sciences (BOKU, Austria)

As a university with a focus on natural resources and life sciences, the BOKU prides itself on being a “University of Life” (“university of life”) and continuously seeks to develop and improve upon aspects of sustainability in research and campus operations. This comprehensive approach to integrating sustainability has led to various activities and initiatives ranging from signing the Copernicus Charta in 2002, publishing its first GRI sustainability report in 2004, and gaining EMAS certification in 2006, to establishing the first Austrian doctoral college (dokNE) on sustainability in 2007, offering bachelor and master’s programs in Environmental and Natural Resource Management, which is now the university’s largest field of study – and researching and promoting organic agricultural practices through the Department of Sustainable Agricultural Systems and the Centre for Development Research.

It was thus no surprise when the BOKU chose to establish a Centre for Global Change and Sustainability. The gW/N networks between institutes, departments, platforms and initiatives at the BOKU in their respective areas in the areas of global change and sustainability, as well as between the BOKU and national and international institutions. This work involves cooperation, knowledge exchange and synthesis in research but also in teaching, advice and public relations. In addition to its efforts to increase sustainability in BOKU teaching and research, the Centre also collaborates with partners to advance BOKU campus ecology. To learn more about its activities, please visit the [homepage](#) or [contact](#) the team directly!

## COPERNICUS Working groups

There are many opportunities for CA members to actively contribute to the network through its working groups. You can participate in any of the existing groups by subscribing at our [website](#) or contact the conveners of the groups.

If you would like to create your own group, please do email us at: [office@copernicus-alliance.org](mailto:office@copernicus-alliance.org).

Existing groups:

- Implementation of Sustainability in Universities (Clemens Mader)
- Innovative Teaching & Learning (David Clemson)
- European Interdisciplinary Research on Sustainability (Jenneth Parker)
- Policy Lobbying (Maik Adomssent)
- Outreach (To be confirmed)

## Events

### ✦ IUCN World Conservation Congress (Jeju, Korea, 6-15 September 2012)



The IUCN World Conservation Congress is the world's largest and most important conservation event. Every two years, it aims to improve how we manage our natural environment for human, social and economic development.

The 2012 World Conservation Congress will be held from 6 to 15 September 2012 in Jeju, Republic of Korea. It will bring together government, the public sector, non-governmental organizations, business, UN agencies and social organizations to discuss, debate and decide solutions for the world's most pressing environment and development issues.

For more information, please visit the IUCN webpages [here](#).

#### ✦ **GUNI 6th International Conference on Higher Education (Barcelona, 13-15 May 2013)**

The Conference is organized by the Global University Network for Innovation (GUNI) and will take place at the Universitat Politècnica de Catalunya, in Barcelona, from 13 to 15 May, 2013.

The GUNI Conference is an international forum for debate on the challenges facing higher education. The Conference deals with an emergent issue in higher education, which is the subject also chosen for the 2012 World Conservation Congress. The Conference will explore the critical dimensions in our understanding of the roles, and potential roles, of higher education institutions as active players in contributing to the creation of another possible world. Within this context the Conference will answer the call of the challenges of our time, while maintaining an eye towards the future regarding the role of knowledge and HEIs.

For more information, please visit the GUNI website by clicking [here](#).

#### ✦ **7th World Environmental Education Congress (Marrakech, 9-14 June 2013)**

The Seventh WEEC will take place in Marrakesh, Morocco, from 9 to 14 June 2013. The focus of attention will be on themes relative to environmental education and all the protagonists – academics, teachers, students, institutions and those from civil and industrial society – will be welcomed.

For the first time, a WEEC is being held in a country with an Arab - Muslim culture, and for the first time the relation between city and countryside in search of harmony) will be the object of great transversal attention. The thematic areas, obviously without ignoring all the other themes.

For more information about the 6th WEEC, please visit the Conference [website](#).

## **Publications and resources**

#### ✦ **Shaping the education of Tomorrow. 2012 Report on the UN DESD**

UNESCO is publishing three reports during the DESD – in 2009, 2012 and 2014. This second report focuses on learning processes and learning in the context of ESD. What kinds of learning processes have emerged in the context of ESD? What is the role of ESD in supporting them? What changes in ESD have occurred since the early years of the DESD? This report is informed by a broad consultation process that includes input from hundreds of policy makers, practitioners and stakeholders engaged in ESD around the world.

You can download the full length report by clicking [here](#).

#### ✦ **Call for Papers: Special Issue of Sustainability Accounting, Management and Policy Journal on: Environmental Management, Governance and Policy for Sustainability in Higher Education**

For full details please visit click [here](#).

Issues to be addressed in papers could include, but are not limited to:

- Management and governance systems in higher education which have successfully given sustainability a central role in universities and colleges
- Effective higher education change processes towards sustainability
- New paradigms of higher education development towards sustainability
- Senior leadership towards sustainable higher education development
- Successful strategies for engaging the senior executive and governing bodies of universities in giving sustainability a strategic focus in their university
- The effective implementation of national and international policy and Education for Sustainable Development in Universities
- The role of University accounting, tracking, reporting and planning systems in limiting or developing unsustainable practices in Universities
- The productive engagement of stakeholders in University governance and management and embedding sustainability in universities and colleges
- The role of Regional Centres of Expertise on Education for Sustainable Development (RCEs) in strengthening sustainability performance of universities
- Case studies of successful transdisciplinary approaches of education, research and management in universities
- Case studies which demonstrate the importance of Universities in the institutional and regional transition to sustainable development
- Case studies on the involvement of academics and students in addressing University operational sustainability challenges and solutions

For questions or abstracts please send an email to guest editor: [clemens.mader@inkubator.leuphana.de](mailto:clemens.mader@inkubator.leuphana.de).

#### ✦ **Learning for sustainability in times of accelerating change**

This book, edited by Prof Arjen Wals and Prof Peter Blaze Corcoran, explores the possibilities of designing learning-based change and transitions towards sustainability. In 31 chapters contributors from across the world describe (re)emerging forms of learning that not only assist in breaking down unsustainable routines, forms of production and consumption, but also can help create ones that are more sustainable.

Please visit the [weblink](#) of this publication.

#### ✦ **The Future Fit Framework – An introductory guide to teaching and learning for sustainability in higher education**

The Framework, edited by Prof Stephen Sterling, is designed to help the newly interested academic begin to engage with sustainability education, and encourage more experienced colleagues to take this work further. Divided into 14 sections plus Appendices, the guide is designed so that users can easily find the information and resources most useful to them without needing to read the whole document.

You can download this publication by clicking [here](#).

#### ✦ **7 Steps to embedding sustainability in your teaching**

Dr Jennie Winter, Prof Stephen Sterling, and Associate Prof Debby Cotton of the Teaching and Learning Centre at Plymouth University have recently finished a short but comprehensive document which provides guidance on how to embed sustainability in your teaching.

interested in embedding ESD into their teaching. It is called 7 steps to embedding sustainability in your course and is available [here](#).

#### ✦ **Bonn Recommendations on ESD beyond 2014**

The German Commission for UNESCO organised an international ESD workshop in Bonn from the 27th to 30th June 2012. The Workshop entitled "Horizon 2015" contributed to the on-going international discussions about ESD and the United Nations Decade on Education for Sustainable Development (UN DESD) beyond 2015. The workshop provided a platform for around fifty acknowledged experts and government officials from across the world to discuss the UN DESD implementation and Bonn Declaration (2009) as well as to discuss perspectives for ESD beyond 2015.

Dr Ingrid Mulà, CA Secretariat, was appointed as the rapporteur of the Workshop. Together with Mr O. Müller, German Commission for UNESCO, she has written the [Report of the Workshop](#).

## Other

#### ✦ **[AEET] 50 pre and post-doc positions in all fields of environmental research**

Deadline for application: 10 August 2012

The Zentrum für Umweltforschung (UFZ) is currently offering 50 positions in all fields of environmental research at various locations (Leipzig, Halle, Magdeburg). Among these positions are also numerous for environmental scientists, modellers, but also for biologists (ecology, microbiology, molecular biologists etc.) as research questions in aquatic ecosystems from the micro to the macro scale are of high interest.

Detailed information on the offered positions can be found [here](#).

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The Copernicus Alliance brings together higher education institutions from across Europe which are committed to re-orienting universities so that they can make a meaningful contribution to sustainable development. These institutions have signed the [Copernicus Charta](#) which identifies ten change pathways for sustainable development in higher education.

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