



Final Conference - Barcelona, May 21-23th, 2014



Conference Program



**Programme updates will be posted at CoDeS*

Website: <http://www.comenius-codes.eu>



Wednesday May 21st, 2014:

Connecting people engaged in school community collaboration (Venue UAB Hotel Campus)

8:00-14:00 *Registration is open*

9:00-9:30 **Opening of the conference** (Josep Enric Llebot, Secretary of the Ministry of Territory and Sustainability, Government of Catalonia; Silvia Carrasco, Vicerector UAB; Nuria Gorgorió, Dean of School of Education, UAB; Fermí Vallbé, Environmental Education Department, Barcelona City Council; Reiner Mathar, ENSI President; Christine Affolter, CoDeS Coordinator; Mariona Espinet, Conference Coordinator)

9:30-10:30 **CoDeS Presentation** (Christine Affolter and CoDeS partners)
Conference planning and evaluation overview (Mariona Espinet, Conference Coordinator and Michela Mayer, CoDeS Internal Evaluator)

10:30-11:00 *Fruit Break*

11:00-12:00 **Key Note Speaker 1: Rolf Jucker**, Kaospilot teamleader and consultant, Switzerland
“The challenges of school community collaboration for SD: A critical view”

This keynote will be based on the editing of a volume about the state of ESD in schools across Europe at the end of the UN Decade on Education for Sustainable Development (ESD) and draw some conclusions on what is needed, post-2014. In particular the talk will focus on what it takes to make learning for sustainability work in a school and school-community context; it will draw on the lessons derived from successful sustainability learning which have accumulated over the last ten years during the UN Decade on ESD. The paper will suggest that successful learning translates into visible, palpable real world change and that, by extension, education for sustainable development needs to perform a paradigm shift towards communal learning for, and in, real-time and in places.

12:00-13:00 **World-Café: Searching for common themes within our suitcases**

13:00 *Lunch / Poster exhibition is open*

14:30-14:45 **Opening of the afternoon**

14:45-15:30 **Cine Forum: “We are going to stay here” Environmental justice at the interface between communities and schools.** (Joan Martínez Alier & Beatriz Rodríguez Labajos, Environmental Science and Technology Institute, UAB, Catalonia, Spain)

15:30-17:00 **Poster-Café: Interactive Poster Session based on participants contributions to school community collaboration for SD**

17:00-17:30 *Coffee Break*

17:30-18:30 **Key Note Speaker 2: Teresa Franquesa**, Barcelona City Council, Catalonia, Spain
“Networking for Sustainability: Challenges and opportunities from the case of Barcelona”

Sustainability is a challenge that requires the participation of many actors working together. It can't be the task of a few leaders, the job of governments, the work of companies or the goal of teachers alone: we need co-responsibility. In addition, as our aim is to design new ways of living together, we must imagine experiment and implement appropriate solutions with a large dose of creativity. In this presentation we will share experience and lessons learned from the Barcelona network of +800 organizations who have signed the Citizen Commitment towards Sustainability. This network also includes the Barcelona School Agenda 21 Programme (PA21E acronym) with 400 schools. The PA21E is an initiative addressed at schools which has been running for 12 years alongside the city's Agenda 21. The programme involves the educational community in the diagnosis and provision of solutions and in undertaking commitments to make a more sustainable city, starting with the school itself. In the wake of the Barcelona experience, this programme has spread to other Catalan, Spanish, Italian, Portuguese and Latin American cities.

For more information: <http://www.bcn.cat/agenda21/a21escolar/>

20:00 *Dinner*

21:30 *Catalan Traditional Music concert and master dance class with the DE CAP AL RIU*



Thursday May 22nd, 2014:

Reflecting on school community collaboration for Sustainable Development through the use of CoDeS products (Venue UAB Hotel Campus)

9:00-9:15 **Opening of the day**

9:15-10:15 **Key Note Speaker 3: Kartikeya V. Sarabhai**, Centre for Environment Education (CEE), India
“Handprint Schools: ESD challenges in emerging economies”

10:15-10:45 *Fruit break*

10:45-13:00 **PARALLEL THEMATIC WORKSHOPS: PART I (Challenges)**

Thematic Workshop 1: Community based ESD school networks

Coordinator & Facilitator: Manfred Wirtitsch (Austria), Guenther Pfaffenwimmer (Austria), Franz Rauch (Austria). **Presenters:** Guenther Pfaffenwimmer (Austria), Manfred Wirtitsch (Austria), Franz Rauch (Austria), Aravella Zachariou (Cyprus), Jaume Enciso & Josep Planas (Catalonia, Spain). **Note Taker & Reporter:** Mira Dulle (Austria). **Critical Friend:** Rolf Jucker (Switzerland).

Thematic Workshop 2: Towns and regions for sustainability

Coordinator & Facilitator: Johannes Tschapka (Korea); **Presenters:** Andrea Binder-Zehetner (Austria), Mareike Beiersdorf and Ludwig Haas (Germany), Claudine Dayer Fournet (Genève), Laia Capdevila (Catalonia, Spain), Irene Gebhardt and Angela Gredler (Austria). **Note Taker & Reporter:** Antonella Bachiorri (Italy). **Critical Friend:** Kartikeya V. Sarabhai (India).

Thematic Workshop 3: Active citizenship towards sustainability

Coordinator & Facilitator: James Hindson (UK). **Presenters:** Alessia Maso (Italy), Núria Cruset (Catalonia, Spain), James Hindson (UK). **Note Taker & Reporter:** Monika Reti (Hungary). **Critical Friend:** Lucie Sauv   (Canada).

Thematic Workshop 4: Committed research on education for sustainability

Coordinator & Facilitator: Mark Lemon & Margaret Fleming (UK); **Presenters:** Sun Kyung Lee (Korea), Costas Gavrilakis (Greece), Margaret Fleming & Mark Lemon (UK), Mariona Espinet (Catalonia, Spain). **Note Taker & Reporter:** Wim Lambrechts (Belgium). **Critical Friend:** Arjen Wals (The Netherlands).

13:00-13:30 **Reporting to the plenary.**
Coordinated by Johannes Tschapka (Seoul National University, South Korea)

13:30 *Lunch*

15:00 *Departure to Blau Museum of Barcelona by bus*

Presentation of CoDeS work on school community collaboration for ESD (Open Session at the Blau Museum of Barcelona)

15:30-16:30 ***Optional visit to the Blau Museum (Natural Sciences Museum of Barcelona)***

16:30-17:15 **Opening and General Overview of CoDeS Products** (Christine Affolter, CoDeS Coordinator; Representative from *Departament de Territori i Sostenibilitat* of the Catalan Government; Lina Ubera, Head of Public Programs Department of the Blau Museum of Barcelona)

17:15-18:00 **Key Note Speaker 4: Lucie Sauv , Centre de recherche en  ducation et formation relatives   l’environnement et   l’ cicitoyennet , UQAM, Canada**

“Grounding schools in communities: enhancing ecocitizenship education”

School is not an island, nor is it a mere exercise ground in which to wait for “real life” and prepare “future citizens”. School is real life, connected with social realities, and inserted within a “learning society”, where active citizenship – as a responsible and reflexive involvement in collective affairs – should be an everyday concern, a stimulating ethical and pedagogical challenge. Moreover, widening by recognising human belonging to the complex web of life (*oikos*) we expand the scope of citizenship towards an ecocitizenship and reinforce the meaning and relevance of education. Moving environmental education towards ecocitizenship is an undeniable opportunity to assume the whole political dimension of education, to value the role of teachers and other educators as key social actors and to recognize the contribution of youth as full partners in the ecosocial transformations needed in our fractured world. Ecocitizenship education is an opportunity to build foundations, meaning, and processes for these transformations, to experiment dynamics of knowledge co-construction and mobilization, and to value school as a creative workshop for the search and implementation of sound problem solving and innovative projects in our communities. This raises the important social and academic debate about the legitimacy of education as activism.

18:00-18:30 ***Coffee Break***

18:30-20:00 **PARALLEL CODES PRODUCTS WORKSHOPS**

CoDeS Products Workshop 1: CoDeS Traveling Guide and Small Communities study of school community collaboration for sustainability

Coordinator & Facilitator: Monika Reti (Hungary) & Christine Affolter (Switzerland). **Presenters:** Monika Reti (Hungary), Christine Affolter (Switzerland), Georgia Liarakou & Costas Gavrilakis (Greece), Patrick Dillon (UK). **Note Taker:** Mira Dulle (Austria).

CoDeS Products Workshop 2: CoDeS Tool Box to promote school community collaboration for sustainability

Coordinator & Facilitator: Alessia Maso (Italy) & James Hidson (UK). **Presenters:** Alessia Maso (Italy), Other CoDeS partners. **Note Taker:** Regina Steiner (Austria).

CoDeS Products Workshop 3: CoDeS Digital tools to support school community collaboration for sustainability

Coordinator & Facilitator: Petra Wagner-Luptacik (Austria) & Mark Lemon (UK). **Presenters:** Petra Wagner-Luptacik (Austria), Majke Korsager (Norway), Eldri Scheie (Norway), Reiner Mathar (Germany). **Note Taker:** Luc Gossens (Netherlands).

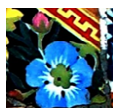
CoDeS Products Workshop 4: CoDeS Key Stones as quality criteria for school community collaboration for sustainability

Coordinator and Facilitator: Aravella Zachariou (Cyprus) & Chrysanthi Kadji (Cyprus). **Presenters:** Chrysanthi Kadji (Cyprus), Aravella Zachariou (Cyprus), Josep Planas (Catalonia, Spain), Mariona Espinet (Catalonia, Spain). **Note Taker:** Wim Lambrechts (Belgium).

20:00-21:00 *Departure to the restaurant “El Cangrejo Loco” in the Barcelona Harbour by bus*

21.00-23:00 *Dinner in the Barcelona harbour*

23:00 *Travel back to the venue by bus*



Friday, May 23rd, 2014:

The hopes and the means of school community collaboration for ESD (Venue UAB Hotel Campus)

9:00-9:15 **Opening of the day**

9:15-10:15 **Key Note 5: Arjen Wals, Wageningen University and UNESCO Chair, The Netherlands**

“Learning on the edge: co-creating sustainability in vital learning coalitions at the inter-section of school and community”

A key question for environmental and sustainability educators alike is: how we can engage people, young and old, meaningfully in the local and contextual while being mindful of the global and the universal? A related challenge for environmental and sustainability educators is to establish connections with places in which learning occurs with the aim of improving those places ecologically, socio-culturally, environmentally and ethically, while simultaneously improving the well-being of those involved. In this presentation I will introduce and present the idea of creating vital coalitions between different societal actors, including members of the school community, who are often times in each other’s vicinity and share common concerns but rarely find a way to collaborate. Such coalitions open up new spaces for creative and energizing learning, but, as will be illustrated, only do so when certain conditions are met and when crucial interventions at so-called ‘tipping points’ are made. The “whole community approach” to sustainability exemplifies emerging hybrid practices that blend education, the use of new information technologies, citizen-science, research, private sector interest, and community engagement. I will argue that such initiatives and coalitions - most occurring against the grain of accountability and measurement - do not follow a fixed pattern or some kind of blueprint for change. What appears to be crucial is firstly the building of trust, commitment and social cohesion among all involved and secondly the reflexivity and ability to ‘read’ the tipping points and to come up with the right interventions at the right time. Finally, the importance of an active ‘innovation broker’ who can help organize, facilitate and design education and learning of this kind, will be highlighted.

10:15-10:45 ***Fruit break***

10:45-12:30 **PARALLEL THEMATIC WORKSHOPS: PART II (Recommendations)**

Thematic Workshop 1: Community based ESD school networks

Coordinator & Facilitator: Manfred Wirtitsch (Austria), Guenther Pfaffenwimmer (Austria), Franz Rauch (Austria). **Presenters:** Guenther Pfaffenwimmer (Austria), Manfred Wirtitsch (Austria), Franz Rauch (Austria), Aravella Zachariou (Cyprus), Jaume Enciso & Josep Planas (Catalonia, Spain). **Note Taker & Reporter:** Mira Dulle (Austria). **Critical Friend:** Rolf Jucker (Switzerland).

Thematic Workshop 2: Towns and regions for sustainability

Coordinator & Facilitator: Johannes Tschapka (Korea); **Presenters:** Andrea Binder-Zehetner (Austria), Mareike Beiersdorf and Ludwig Haas (Germany), Claudine Dayer Fournet (Genève), Laia Capdevila (Catalonia, Spain), Irene Gebhardt and Angela Gredler (Austria). **Note Taker & Reporter:** Antonella Bachiocchi (Italy). **Critical Friend:** Kartikeya V. Sarabhai (India).

Thematic Workshop 3: Active citizenship towards sustainability

Coordinator & Facilitator: James Hindson (UK). **Presenters:** Alessia Maso (Italy), Núria Cruset (Catalonia,

Spain), James Hindson (UK). **Note Taker & Reporter:** Monika Reti (Hungary). **Critical Friend:** Lucie Sauvé (Canada).

Thematic Workshop 4: Committed research on education for sustainability

Coordinator & Facilitator: Mark Lemon & Margaret Fleming (UK); **Presenters:** Sun Kyung Lee (Korea), Costas Gavrilakis (Greece), Margaret Fleming & Mark Lemon (UK), Mariona Espinet (Catalonia, Spain). **Note Taker & Reporter:** Wim Lambrechts (Belgium). **Critical Friend:** Arjen Wals (The Netherlands).

12:30-13:00 Reporting to the plenary

Coordinated by Johannes Tschapka (Seoul National University, South Korea)

13:00-13:30 Evaluation feedback and Closing activity (Michela Mayer, CoDeS Internal Evaluator; Patrick Dillon, CoDeS External Evaluator; Christine Affolter, CoDeS Coordinator; and Mariona Espinet, Conference Coordinator)

13:30 Lunch

Post Conference Activity

Research Seminar on ESD, in collaboration with the ENSI network: “Research on ESD after the UN decade: Trends and News” (Venue School of Education, UAB Campus)

15:30-16:00 Introduction to the seminar “The ENSI network and the value of research for ESD”, Reiner Mathar (ENSI President) & Michela Mayer (ENSI Junior Researchers Network)

16:00-17:15 Panel 1: Perspectives on interdisciplinary research in ESD

Coordinator: Michela Mayer (Italy) **Presenters:** Wim Lambrechts, Antonella Bachiorri, Jordi Segalàs, Arnau Amat

17:15-17:45 Key Note: Arjen Wals, Wageningen University and UNESCO Chair, The Netherlands
“The contribution of the CoDeS Research on School Community Collaboration to ESD future research”

17:45-18:15 Coffee/tea break

18:15-19:30 Panel 2: Perspectives on evaluative research in ESD

Coordinator: Michela Mayer (Italy). **Presenters:** Salvador Viciana, Esther Sabio, Monika Reti, Pere Grau

Conference Workshops



Thematic Workshops

The CoDeS Final Conference will offer four **Parallel Thematic Workshops**. The purpose of these workshops will be to reflect on practitioner experiences of school community collaboration for sustainability in four distinct educational contexts - formal, non-formal, in-formal and higher education. The workshops will be organized across two sessions. **Thematic challenges** will be discussed on **Thursday May 22nd, from 10.45h to 13h** and **recommendations on Friday May 23rd, from 10.45h to 12.30h**. Conference attendees will choose one workshop and will commit to both sessions of the same workshop.

<i>Thematic Workshop 1: Community based ESD school networks</i>
Abstract: This workshop will focus on the experiences of ESD school networks at the local, regional or national level in developing school community collaboration projects. The social and political conditions that many communities face worldwide have created new opportunities for schools to strengthen their collaboration with communities in the pursuit of education for sustainability. The workshop will focus on the structures, resources, strategies and challenges that formal education is facing when developing ESD programs to promote sustainability in their local context (school and community). The discussion will be centred on the concept of the sustainable school and the role of ESD school networks in linking school and communities.
Coordinator & Facilitator: Manfred Wirtitsch & Guenther Pfaffenwimmer (BMUKK, Government of Austria, Austria); Franz Rauch (Klagenfurt University, Austria)
Presenters: Guenther Pfaffenwimmer & Manfred Wirtitsch (BMUKK, Government of Austria, Austria); Franz Rauch (Klagenfurt University, Austria); Aravella Zachariou (Education Department, Government of Cyprus, Cyprus); Jaume Enciso & Josep Planas (XESC Catalan Network of Sustainable Schools, Catalonia, Spain)
Note Taker & Reporter: Mira Dulle (University of Klagenfurt, Austria)
Critical Friend: Rolf Jucker (Kaospilot and consultant in learning for sustainability Switzerland)

<i>Thematic Workshop 2: Towns and regions for sustainability</i>
Abstract: This workshop will address the role of municipalities, regional and national networks, national and European agencies in promoting school community collaboration towards local sustainability. An increasing number of European municipalities and regions have developed committed programs and networks with the aim of encouraging the collaboration of schools and communities at large to promote local and global sustainability. The workshop will focus on the structures, resources, strategies and challenges faced by non formal education in promoting school community collaboration for sustainability.
Coordinator & Facilitator: Johannes Tschapka (Seoul National University, Korea)
Presenters: Andrea Binder-Zehetner (Vienna Local Agenda 21, Austria); Mareike Beiersdorf/Ludwig Haas (Umweltlernen in Frankfurt, Germany); Claudine Dayer Fournet (Département de l'Instruction Publique, de la Culture et du Sport, Genève); Irene Gebhardt and Angela Gredler (Municipality Wiener-Neudorf, Austria); Laia Capdevila (Barcelona Local A21, Catalonia, Spain)
Note Taker & Reporter: Antonella Bachiorri (Centro Italiano di Ricerca ed Educazione Ambientale, C.I.R.E.A., Italy)
Critical Friend: Kartikeya V. Sarabhai (Centre for Environmental Education, CEE, India)

<i>Thematic Workshop 3: Active citizenship towards sustainability</i>
Abstract: This workshop will consider the role of citizens, NGO's and environmental education associations in promoting school community collaboration for sustainability. There is increasing activity worldwide of citizen based movements and associations as well as local business, freelance professionals, and NGO's who participate in collaborative projects to promote community based non formal and informal education for sustainability . The workshop will concentrate on the ongoing and potential contribution of these agents, the working strategies they have developed, and the challenges they face in promoting school community collaboration and active citizenship for sustainability
Coordinator & Facilitator: James Hindson (Sense and Sustainability Training, UK)
Presenters: Alessia Maso (Legambiente Onlus, Italy); Núria Cruset (Catalan Society of Environmental Education,

Catalonia, Spain); James Hindson (Sense and Sustainability Training, UK)
Note Taker & Reporter: Monika Reti (Hungarian Institute for Educational Research and Development, Hungary)
Critical Friend: Lucie Sauvé (Centre de recherche en éducation et formation relatives à l'environnement et à l'écocitoyenneté, UQAM, Canada)

Thematic Workshop 4: Committed research on education for sustainability
Abstract: This workshop will build on the experiences of individual researchers, research groups or higher education institutions in developing research on education for sustainability that focuses on the collaboration between schools and communities and their attempts to promote both local sustainability and education for sustainable development. The workshop will concentrate on the role of researchers, the best theoretical and methodological approaches, and the challenges <i>higher education</i> institutions might face in promoting school community collaboration for sustainability.
Coordinator & Facilitator: Mark Lemon (De Montfort University, The Institute of Energy and Sustainable, IESD, UK) & Margaret Fleming (MF Associates, UK)
Presenters: Sun Kyung Lee (Cheongju National University of Education, Korea); Costas Gavrilakis & Georgia Liarakou (University of the Aegean, Greece); Margaret Fleming (MF Associates, UK); Mark Lemon (De Montfort University, The Institute of Energy and Sustainable, IESD, UK); Mariona Espinet (Autonomous university of Catalonia, Catalonia, Spain)
Note Taker & Reporter: Wim Lambrechts (KU Leuven @ HUB, Belgium)
Critical Friend: Arjen Wals (Wageningen University and UNESCO Chair, The Netherlands)

CoDeS Products Workshops

The CoDeS Final Conference will offer four **Parallel CoDeS Products Workshops** on **Thursday 22nd from 18.30h to 20.00h** in a different venue, the **Blue Museum of Barcelona**. These workshops will be open to local attendees from the community. The purpose of the CoDeS Products Workshop will be on one hand to present the three year long work of CoDeS Network and on the other to facilitate attendees' exploration of CoDeS products' potential to be useful tools for school community collaboration towards sustainability in different contexts.

CoDeS Products Workshop 1: CoDeS Travelling Guide and Small Communities study of school community collaboration for sustainability
Abstract: This workshop offers participants the opportunity to get first hand insight into two CoDeS publications: the "Travelling guide for school-community collaboration for sustainable development" and the "Report on the profiles of isolated communities and ways into integration". The first publication is meant to instigate new collaborations and encourage those already on the way. It is written to inspire readers to reflect on some aspects of the learning journey schools and communities take when engaging in collaboration for sustainable development. The results of the study on isolated communities will also provide rich examples on the specific problems school and communities from isolated communities face when establishing collaborations towards sustainability. The workshop will be developed around the basic what, who, why, how, when, where questions of a collaboration and will use examples from the study on isolated communities to illustrate the points.
Coordinator & Facilitator: Monika Reti (Hungarian Institute for Educational Research and Development, Hungary) & Christine Affolter (ENSI, Switzerland)
Presenters: Monika Reti (Hungarian Institute for Educational Research and Development, Hungary), Christine Affolter (ENSI, Switzerland), Georgia Liarakou & Costas Gavrilakis (University of the Aegean, Greece); Patrick Dillon (University of Exeter, UK)
Note Taker: Mira Dulle (University of Klagenfurt, Austria)

CoDeS Products Workshop 2: CoDeS Tool Box to promote school community collaboration for sustainability
Abstract: This workshop offers participants the opportunity to get first hand insight into the CoDeS publication "CoDeS Tool Box". The toolbox includes a compilation of methods and techniques providing inspiration and motivation for school-community collaboration. All tools are based on the practical experiences arising from the work of CoDeS partners. The workshop is addressed at a diversity of stakeholders and will introduce a wide range of activities in a dynamic way. These activities are suitable for formal or informal education, involving pupils, students and parent's organisations, local committees and groups of neighbours, stakeholders from the public and private sector, NGOs, Centres for Research and others.
Coordinator & Facilitator: Alessia Maso (Legambiente Onlus, Italy) & James Hindson (Sense & Sustainability, UK)
Presenters: Alessia Maso (Legambiente Onlus, Italy) and other CoDeS Partners
Note Taker: Regina Steiner (University of Education Upper Austria, Austria)

CoDeS Products Workshop 3: CoDeS Digital tools to support school community collaboration for sustainability
Abstract: This workshop offers participants the opportunity to get first hand insight into three CoDeS digital products: the “CoDeS Digital Handbook for Local Authorities”, the digital tool “CO2nnect: Campaigns to promote school community collaboration for sustainable development” and “A technology-based tool for education for sustainable development”. The CoDeS Digital Handbook aims to contribute towards an improved understanding on how to improve the transition towards sustainable local communities through effective school-community collaborations. The publication provides guidance and incentives for interested local and regional authorities to contribute through their unique role(s) as policy-makers and decision-takers. The digital tools include two digital platforms which can be used by schools to engage in international collaboration. The workshop is addressed at municipalities with the belief that they can make a valuable contribution and positive difference when governing and steering the future development of their community.
Coordinator & Facilitator: Petra Wagner-Luptacik (AIT Austrian Institute of Technology, Austria) & Mark Lemon (De Montfort University, The Institute of Energy and Sustainable, IESD, UK)
Presenters: Petra Wagner-Luptacik (AIT Austrian Institute of Technology, Austria), Majke Korsager (Norwegian Centre for Science Education, Norway), Eldri Scheie (Norwegian Centre for Science Education, Norway), Reiner Mathar (ANU-Hessen, Germany)
Note Taker: Luc Gossens (RCE Rhine-Meuse, Netherlands)

CoDeS Products Workshop 4: CoDeS Key Stones as quality criteria for school community collaboration for sustainability
Abstract: This workshop offers participants the opportunity to get first hand insight into the CoDeS publication “CoDeS Key Stones on School Community Collaboration for Sustainable Development”. This publication provides a tool for reflection on the quality of school community collaboration for sustainability and is ready to be used by schools and communities who want either to initiate or to improve their collaboration. The framework underlying the key stones will be presented and the eight quality dimensions (participation, communication, action, learning, vision, mandate, resources and research) for school community collaboration will be analyzed with the help of a question set. Participants will have the opportunity to engage in reflection by bridging their own experiences with CoDeS.
Coordinator and Facilitator: Aravella Zachariou (Education Department, Government of Cyprus, Cyprus) & Chrysanthi Kadji (Frederick University Cyprus, Cyprus)
Presenters: Aravella Zachariou (Education Department, Government of Cyprus, Cyprus), Chrysanthi Kadji (Frederick University Cyprus, Cyprus), Josep Planas (XESC Catalan Network of Sustainable Schools, Catalonia, Spain), Mariona Espinet (Autonomous University of Barcelona, Catalonia, Spain)
Note Taker: Wim Lambrechts (KU Leuven @ HUB, Belgium)

Poster Contributions



1. Abril, Mireia & Capdevila, Laia. *The schools involved in the Barcelona A21E, working together as a network, transform themselves and make the city a better place* (Catalonia, Spain)
2. Amat, A.; Prims, M. & Estapé, S. *The internal tensions in a collaboration between school and community through the participation in a food gardening project* (Catalonia, Spain)
3. Belillas, M.C. & Brugués, M. *Christmas cards biodiversity Project* (Catalonia, Spain)
4. Chankook, K. *Developing guidelines for collaboration among schools and communities in Korea* (Republic of Korea)
5. Choi, M.Y. & Gauden, K. *Green School Action Project for the Komodo Dragon Sustainable Conservation and Its Tourism in Nusa Tenggara Timur Province, Indonesia "Biodiversity Education for Sustainable Development"* (Jakarta)
6. Bachiorti, A.; Puglisi, A.; Monica, L. & Scaffardi S. *Waste management and aware citizenship at Traversetolo (Italy) the project ECO-WAS* (Italy)
7. Dariou, E. *Learn about the "Salt lake Aliko" wetland through school and community collaboration* (Cyprus)
8. Dayer, C. *The City of Lancy's Education for Sustainable Development (ESD) platform: a tool to promote concrete ESD projects in the Canton of Geneva* (Switzerland) (Switzerland)
9. De Cort, A.; Lambrecht, W. & Rymenams, S. *Toolkit ESD-competencies for marketing teachers (MARKEDO)* (Belgium)
10. Georgiou, M. & Loizides, G. *Consumption and production through school and community collaboration: A case study from Cyprus* (Cyprus)
11. Grau, P.; Llerena, G. & Espinet, M. *Communication strategies to promote the community- school collaboration in ESD projects: blogs & school agroecology* (Catalonia, Spain)
12. Hindson, J. *Nature for Care – enhancing intergenerational learning and social cohesion through sustainability* (United Kingdom)
13. Kaplún, P.; Boada, L.; Rivas Albornoz, C. & Llerena, G. *Student's activist promote community-based environmental education* (Venezuela)
14. Korsager, M. & Scheie, E. *Sustain – a technology-based tool for educational for sustainable development* (Norway)
15. Lemon, Mark. *School-community collaboration for "carbon neutral" schools Leicester UK*. (United Kingdom)
16. Lunas i Tomàs, Gonçal. *Network of Cities and Towns Towards Sustainability: group of local technicians in ESD*. (Catalonia, Spain)
17. Matias, R.; Simões, H.; Figueiredo, J.P. & Ferreira A. *Environmental management in school: comparison between the school of technology and health of Coimbra and the university of Ulster - campus Jordanstown* (Portugal)
18. Onoufriou, K. *Urban Biological vegetable gardens through linking schools with the communities* (Cyprus)
19. Ramos De Robles, S.L. *Education for Sustainable Development in Mexican Pre-service Science Teachers: "Sense of place-sense of future"* (México)
20. Rauch, F.; Dulle, M. & Sieber, A. *Flax Tales. A schools-community collaboration in Lesachtal, Austria* (Austria)
21. Rekondo, M. & Espinet, M. *Discursive practices in participatory design activities in School Agroecology* (Catalonia, Spain)
22. Roberts, Michael. *Sustainable Schools: Beyond Measure?* (United Kingdom)
23. Saly, E.; Néder, K.; Varga, A. & Könczey, R. *Collaboration between schools and communities in Hungary* (Hungary)
24. Scheie, E. & Korsager, M. *The Sustainable backpack - implementation of Education for Sustainable Development in Norwegian schools* (Norway)
25. Tóth, M.; Bucovala, C.; Bajkó, I.; Cătănoiu, S.; Chicinaş, L.; Czippán, K.; Hilbert, H.; Popa, H.; Seke, A.; Stanciu, C.; Teodorescu, E.; Tóth Ambrusné, É.; Zamfir, I. & Zotta, M. *Move4Nature. Environmental Experience Trails of Schools in the Carpathians* (Romania)

Key Note Speakers



Kartikeya V. Sarabhai (ceedo@ceeindia.org)
Centre for Environment Education (CEE), India

Kartikeya V. Sarabhai is the Founder Director of the Centre for Environment Education (CEE), established in 1984 as a centre of excellence of the Ministry of Environment and Forest, Government of India. CEE is the Nodal Agency for implementation of UN Decade of Education for Sustainable Development (UNDESD) in India. Mr Sarabhai is a member of the UNESCO Reference Group for UNDESD and a member of the International Steering Group for the End of the Decade Conference 2014. He is the editor in chief of the Journal of Education for Sustainable Development and received the Tree of Learning Award from The World Conservation Union in 1998 in appreciation of his contributions to the field of environmental education and communication. In 2005, the Indian Institute of Human Rights presented Mr. Sarabhai with the World Human Rights Promotion Award. The Government of India awarded Mr Sarabhai the Padma Shri in 2012, one of the country's highest civilian awards in recognition of his exceptional and distinguished service in the field of Environmental Education. In 2013, he was given the Olive Green Crusader award by IAA (International Advertising Association) for his contribution in the field of environmental education and education for sustainable development.



Arjen Wals (Arjen.Wals@wur.nl)
Wageningen University and UNESCO Chair, The Netherlands

Arjen Wals is a Professor of Social Learning and Sustainable Development at Wageningen University in The Netherlands and a UNESCO Chair in the same field. He is also an Adjunct Faculty member of the Department of Natural Resources of Cornell University and the current Director of the Centre for Sustainable Development and Food Security based at Wageningen University. A central question in his work is how to create conditions that support new forms of learning, research and outreach that take full advantage of the diversity, creativity and resourcefulness that is all around us, but so far remains largely untapped in our search for a world that is more sustainable than the one currently in prospect. Popular books include: 'Higher Education and the Challenge of Sustainability (2004), Social Learning towards a Sustainable World (2007) and Learning for Sustainability in Times of Accelerating Change (2012). He also wrote two UNESCO-commissioned evaluation reports of the UN Decade of Education for Sustainable Development (DESD) and co-edited the first international Handbook on Environmental Education Research (2013).



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Lucie Sauvé is a professor at the Didactics Department of the Faculty of Education, Université du Québec à Montréal (UQÀM). She is the director of the Research Centre on Environmental and Ecocitizenship Education and Training, and member of the Environmental Sciences Institute. She is the main editor of the International Journal *Éducation relative à l'environnement – Regards, Recherches, Réflexions*. Her main research interests are related to the critical and political dimensions of education; the dynamics of citizens' activism in relation to the environment and eco development; science, technology, and environmental health education; and the challenges of environmental and community educators' training. For the last 20 years, Lucie Sauvé has coordinated collaborative interuniversity ecosocial action projects in Latin America.



Rolf Jucker (rolf.jucker@bluewin.ch)
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Rolf Jucker is currently a teamleader at Kaospilots Switzerland (www.kaospilots.ch) and working as learning for sustainability consultant for changels (www.changels.ch). Previously, he ran the department of ESD development at the Swiss Foundation for ESD (www.education21.ch) and was director of the Swiss Foundation for Environmental Education, an independent body tasked with the mainstreaming of Environmental Education and ESD in the Swiss school system. Having gained an MSc in Education for Sustainability, he has worked extensively as an international ESD advisor and has published widely on the subject (see rolfjucker.net) including *Our Common Illiteracy. Education as if the Earth and People mattered* (2002).



Teresa Franquesa (tfranquesa@bcn.cat)
Barcelona City Council, Catalonia, Spain

Teresa Franquesa is currently working in the field of local SD as Knowledge Management Director at the Barcelona City Council. Being one of the pioneers in environmental education in Catalonia, she has developed several popular EE and ESD projects, including the *Education, Interpretation and Volunteering Plan for Collserola Natural Park*; the *Habitat EE Activity Guide*, the *School Ecoaudit Guide*, and the Barcelona flagship ESD programme, *Agenda 21 Escolar*, which has received the UN-Habitat Dubai International Award for Best Practices 2011. This programme was developed in the framework of the Barcelona Local A21, which she has coordinated since 2000. She has a PhD in Ecology and is a Master of Coaching and Leadership, both through the University of Barcelona. Teresa has also been a member of the *Advisory Council for the Sustainable Development of Catalonia* and was founding member of the *Catalan Society of Environmental Education*.

Key Note Presentations

“Learning on the edge: co-creating sustainability in vital learning coalitions at the inter-section of school and community”

Arjen Wals, Wageningen University and UNESCO Chair, The Netherlands

A key question for environmental and sustainability educators alike is: how we can engage people, young and old, meaningfully in the local and contextual while being mindful of the global and the universal? A related challenge for environmental and sustainability educators is to establish connections with places in which learning occurs with the aim of improving those places ecologically, socio-culturally, environmentally and ethically, while simultaneously improving the well-being of those involved. In this presentation I will introduce and present the idea of creating vital coalitions between different societal actors, including members of the school community, who are often times in each other's vicinity and share common concerns but rarely find a way to collaborate. Such coalitions open up new spaces for creative and energizing learning, but, as will be illustrated, only do so when certain conditions are met and when crucial interventions at so-called 'tipping points' are made. The "whole community approach" to sustainability exemplifies emerging hybrid practices that blend education, the use of new information technologies, citizen-science, research, private sector interest, and community engagement. I will argue that such initiatives and coalitions - most occurring against the grain of accountability and measurement - do not follow a fixed pattern or some kind of blueprint for change. What appears to be crucial is firstly the building of trust, commitment and social cohesion among all involved and secondly the reflexivity and ability to 'read' the tipping points and to come up with the right interventions at the right time. Finally, the importance of an active 'innovation broker' who can help organize, facilitate and design education and learning of this kind, will be highlighted.

“Grounding schools in communities: enhancing ecocitizenship education”

Lucie Sauvé, Centre de recherche en éducation et formation relatives à l'environnement et à l'écocitoyenneté, UQAM, Canada

School is not an island, nor is it a mere exercise ground in which to wait for “real life” and prepare “future citizens”. School is real life, connected with social realities, and inserted within a “learning society”, where active citizenship – as a responsible and reflexive involvement in collective affairs – should be an everyday concern, a stimulating ethical and pedagogical challenge. Moreover, widening by recognising human belonging to the complex web of life (*oikos*) we expand the scope of citizenship towards an ecocitizenship and reinforce the meaning and relevance of education. Moving environmental education towards ecocitizenship is an undeniable opportunity to assume the whole political dimension of education, to value the role of teachers and other educators as key social actors and to recognize the contribution of youth as full partners in the ecosocial transformations needed in our fractured world. Ecocitizenship education is an opportunity to build foundations, meaning, and processes for these transformations, to experiment dynamics of knowledge co-construction and mobilization, and to value school as a creative workshop for the search and implementation of sound problem solving and innovative projects in our communities. This raises the important social and academic debate about the legitimacy of education as activism.

“The challenges of school community collaboration for SD: A critical view”

Rolf Jucker, Kaospilot teamleader and consultant in learning for sustainability, Switzerland

This keynote will be based on the editing of a volume about the state of ESD in schools across Europe at the end of the UN Decade on Education for Sustainable Development (ESD) and draw some conclusions on what is needed, post-2014. In particular the talk will focus on what it takes to make learning for sustainability work in a school and school-community context; it will draw on the lessons derived from successful sustainability learning which have accumulated over the last ten years during the UN Decade on ESD. The paper will suggest that successful learning translates into visible, palpable real world change and that, by extension, education for sustainable development needs to perform a paradigm shift towards communal learning for, and in, real-time and in places.

“Networking for Sustainability: Challenges and opportunities from the case of Barcelona”

Teresa Franquesa , Barcelona City Council, Catalonia, Spain

Sustainability is a challenge that requires the participation of many actors working together. It can't be the task of a few leaders, the job of governments, the work of companies or the goal of teachers alone: we need co-responsibility. In addition, as our aim is to design new ways of living together, we must imagine experiment and implement appropriate solutions with a large dose of creativity. In this presentation we will share experience and lessons learned from the Barcelona network of +800 organizations who have signed the Citizen Commitment towards Sustainability. This network also includes the Barcelona School Agenda 21 Programme (PA21E acronym) with 400 schools. The PA21E is an initiative addressed at schools which has been running for 12 years alongside the city's Agenda 21. The programme involves the educational community in the diagnosis and provision of solutions and in undertaking commitments to make a more sustainable city, starting with the school itself. In the wake of the Barcelona experience, this programme has spread to other Catalan, Spanish, Italian, Portuguese and Latin American cities. For more information: <http://www.bcn.cat/agenda21/a21escolar/>

“Handprint Schools: ESD challenges in emerging economies”

Kartikeya V. Sarabhai, Centre for Environment Education (CEE), India