



ACCELERATING THE IMPLEMENTATION OF SUSTAINABLE DEVELOPMENT IN CAMPUS ACTIVITIES AND PROGRAMMES

A Coruña, Spain, 2nd-3rd December 2019

PROGRAMME



VENUE

The Symposium will be held at the University of A Coruña, Faculty of Educational Studies, Campus de Elviña. 15071 - A Coruña

PROGRAMME

DAY 1: Sunday, 1st December 2019: arrival of delegates

DAY 2: Monday, 2nd December 2019

08:00-09:00- Arrival and registration (ROOM 0/1)

09:00-09:30- Welcome Remarks, aims of the Event and presentation of the Sustainability Campus of the University of A Coruña (UDC) (*ROOM: Hall of Degrees*)

Session 1A- Chair: Walter Leal (ROOM 0/2)

9:30 – 9:50 - **Ecological Management at the University: Green Campus-ETSAC. UDC Programme**

Casares-Gallego, Amparo, Universidade da Coruña, Spain

09:50-10:10 – **Teaching Sustainability in European Higher Education Institutions: Assessing the Connections between Competences and Pedagogical Approaches**

Rodrigo Lozano, Maria Barreiro-Gen, Francisco J. Lozano and Kaisu Sammalisto, University of Gävle

10:10-10:30 - **Towards a sustainable campus: Working together to get the Green Campus flag on the UDC peripheral Campus of Ferrol**

Ana Ares-Pernas, Carmen Coronado Carvajal, Alfonso Gomis Rodríguez, María Isabel Fernández Ibáñez, Vicente Díaz Casás, María Sonia Zaragoza Fernández, María Sonia Bouza Fernández, Manuela del Pilar Santos Pita, Antonio Domingo García Allut, María Pilar Comesaña Pérez, María Jesús Cainzos López, Belén Feal Cabezón, Araceli Torres Miño, Universidade da Coruña, Spain

Session 1B- Chair: Manuel Soto (ROOM 0/3)

9:30 – 9:50 – **Green Marketing as a Strategic for Accelerating Sustainability promotion on Higher Education Institutions Activities**

Paulo Guilherme Fuchs; Carlos Eduardo Raulino; Diogo Amarildo da Conceição; Samara Neiva; Wellyngton Silva de Amorim; Thiago Coelho Soares; Mauricio de Andrade Lima; Aléssio Bessa Sarquis; Carlos Rogério Montenegro de Lima; José Baltazar Salgueirinho Osório de Andrade Guerra, Federal Institute of Education, Science and Technology of Santa Catarina (IFSC), Brazil

09:50-10:10 - **Savings policies in the energy sector: Purchase of electrical energy, information and monitoring system and environmental education**

Domingo Javier Calvo Dopico; Manuel Soto Castiñeira; Jesús Manuel Giz Novo; Fernando de Llano Paz, University of A Coruña, Spain

10:10-10:30 - **The e-Government as a Driving Force for Sustainability**

Miguel A. Molinero, Javier Fariñas, Carlos J. Escudero, University of A Coruña, Spain

10:30-11:00- Break

Session 2A- Chair: Pedro José Vega Marcote (ROOM 0/2)

11:00-11:20 - Smart and learning campus as living lab to foster education for sustainable development – an experience with air quality monitoring

Janaina Mazutti, Luciana Brandli, Vanessa da Rocha, Amanda Salvia, Bárbara Fritzen and Luana Damke, Haw University of Applied Sciences, Germany and University of Passo Fundo, Brazil

11:20 – 11:40 - Creating a green lab: sustainable resource management and responsible purchasing

Iñigo Ramón, Junkal Gutierrez, Naiara Rojo, Arrate Santaolalla, Loli Encinas, Zuriñe Gomez de Baluguera and Gorka Gallastegui, University of the Basque Country (UPV/EHU), Spain

11:40-12:00 - Back and Forth to the Campus: Tackling Invasions through Service-Learning Activities in Higher Education

María J. Servia, Anxo Cao & Yaiza R. Lueje, University of A Coruña, Spain

12:00-12:20 - SUDS-CAMPUS: implementation of sustainable drainage systems at the University of A Coruña

Bernardo Lage, Joaquín Suárez, Jose Anta, Manuel Soto, Universidade da Coruña, Spain

12:20-13:00 - Using Open Hardware for Sustainable Development in Higher Education within the Campus Bizia Lab Programme

Javier Bilbao, Eugenio Bravo, Olatz García, Carolina Rebollar, Concepción Varela, University of the Basque Country (UPV/EHU), Spain

Session 2B- Chair: Rodrigo Lozano (ROOM 0/3)

11:00-11:20 - A-CITEEC: A strategic research consortium for R&D&I and transfer of results in civil engineering and building

Manuel Regueiro-Picallo, Gemma Rojo-López, Jerónimo Puertas, Universidade da Coruña, Spain

11:20 – 11:40 – Attitudes, habits and knowledge towards energy transition at the Bilbao Education Faculty (UPV/EHU)

Unai Ortega-Lasuen, Arritokieta Ortuzar, Ainara Achurra & José Ramón Díez, Universidad del País Vasco/Euskal Herriko Unibertsitatea (UPV/EHU), Spain

11:40-12:00 - Energy Efficiency initiatives and the academic community's behaviour: an experience at University of Passo Fundo

Bianca Gasparetto Rebelatto, Amanda Lange Salvia, Giovana Reginatto, Luciana Brandli, and Marcos Antonio Leite Frandoloso, University of Passo Fundo, Brazil

12:00-12:20 - Cryogenic machining. The way of obtaining 'environmentally friendly' laboratory workshops

Adrián Rodríguez, Amaia Calleja-Ochoa, Haizea González, Octavio Pereira, Izaro Ayesta, Luis Norberto López de Lcalle, University of the Basque Country, Spain

12:20-13:00 - Fostering trans-disciplinary research and innovation for sustainability transitions

Adina Dumitru, Domingo Calvo Dopico, Oscar Blanco Dominguez, University of A Coruna, Spain

13:00-14:00- Lunch

Session 3A-Chair: José Baltazar Salgueirinho Osório de Andrade Guerra (ROOM 0/2)

14:00-14:20 – Overview of greening initiative to foster sustainable development at Higher Education: Healthy Campus at TecnoCampus

Marian Buil-Fabregá and Alba Pardo, Universitat Pompeu Fabra, Spain

14:20-14:40 - The promotion of sustainable development in higher education institutions: top-down, bottom-up, or neither?

Gisele Mazon, João Marcelo Pereira Ribeiro, Carlos Rogério Montenegro de Lima, Brenda Caroline Geraldo Castro, José Baltazar Salgueirinho Osório de Andrade Guerra, University of Southern Santa Catarina (UNISUL), Brazil

14:40-15:00 - Circular Economy, Sustainability and Teacher Training in a Higher Education Institution

Ánxela Bugallo-Rodríguez, Pedro Vega-Marcote, University of A Coruña, Spain

15:00 -15:20 - Do sustainability practices influence university quality? A Latin American case study

Paula M. Hernandez-Diaz, Jorge-Andrés Polanco, Universidad EAFIT-Universidad de Medellin, Colombia

15:20 – 15:40 - Analysing the incorporation of Sustainable Development into European Higher Education Institutions' curricula

Maria Barreiro-Gen and Rodrigo Lozano, University of Gävle, Sweden

15:40-16:00 - Sustainable Development Goals assessment: a comparative analysis for European university students

Xose Picatoste, Isabel Novo-Corti, Diana Mihaela Tirca, University of A Coruna, Spain

Session 3B-Chair: Carmen Coronado (ROOM 0/3)

14:00-14:20 - A Coruña port area as a sustainable Campus ICT for the UDC

López-González, Cándido; Carreiro-Otero, María; López-Carreiro, Iria, University of A Coruña, Spain

14:20-14:40 - Ecological garden of the Faculty of Education of Bilbao (Campus Bizia Lab project)

Gloria Rodríguez-Loinaz, Juan Abasolo, Cristina Arriaga, M^a Olga Macías, Teresa Zamalloa, University of the Basque Country (UPV/EHU), Spain

14:40-15:00 - Environmental impact of mobility in higher education: the case of the ecological footprint of mobility in the University of A Coruña (Spain)

Jose-Benito Perez-Lopez, Alfonso Orro and Margarita Novales, University of A Coruña, Spain

15:00 -15:20 - Campus Action: Testing Sustainable Development Goals on Higher Education students

Guàrdia, L., Buil-Fabregá, M., Paloma-Cisa,E., Universitat Oberta de Catalunya, Universitat Pompeu Fabra, Spain

15:20 – 15:40 - Using the Photovoice Methodology to Explore the Impact on the Student Community after Including Transversal Content on Environmental Sustainability in a University Subject

Carmen Coronado, Carla Freijomil-Vázquez, Sara Fernández-Basanta, Elena Andina-Díaz, María-Jesús Movilla-Fernández, University of A Coruña, Spain

15:40-16:00 - Campus greening initiatives in higher education. Comparative study on Romania and Bulgaria

Mihaela Sima, Ines Grigorescu, Dan Bălteanu, Mariyana Nikolova, Institute of Geography, Romania; National Institute of Geophysics, Geodesy and Geography, Bulgaria

16:30-16:30- Break

16:30 – 18:30 - WORKSHOP “Shared Mental Models, Design Thinking and Serious Play: Using Lego® for Envisioning a Sustainable Future” (ROOM: Hall of Degrees)

Chair: Claudia Schmitt, Universität Hamburg, Center for a Sustainable University (KNU)

19:00 – Reception

DAY 3: Tuesday, 3rd December 2019

Session 4A-Chair: Marian Buil-Fabregá (ROOM 0/2)

09:00-09:20 - **Promotion of competences in sustainability: the example of University School of Technical Architecture of A Coruña at Green Campus Program**

Fco Javier López Rivadulla and Patricia Alonso-Alonso, University of A Coruña, Spain

9:20-9:40 – **Once Upon a Time at Skyrian Port: Creation and Assessment of an Environmental Educational Kit**

Skanavis Constantina, Plaka Valentina, Moriki Eirini, Papageorgiou Sofia, Tzivelou Efstathia-Eleni, Antonopoulos Kyriakos, University of West Attica and University of the Aegean, Greece

9:40-10:00- **Economic development, democracy and raising awareness about Sustainable Development Goals from the point of view of university students**

Isabel Novo-Corti, Xose Picatoste, Asunción López-Arranz, University of A Coruna, Spain

Session 4B-Chair: Mihaela Sima (ROOM 0/3)

09:00-09:20 – **Evaluating the social impact of post-graduate programs in sustainability: the Inditex-UDC Chair as a case study**

Maria Rey-Garcia, Vanessa Mato-Santiso, Helena Barreiro-Barreiro, University of A Coruña (UDC), Spain

9:20-9:40 – **Low Cost Thin Client for a Sustainable VDI for the University of A Coruña**

Carlos J. Escudero, Javier López, Alberto Dopico, Rosa M. Reinoso, University of A Coruña, Spain

9:40-10:00 – **Campus greening from the social sciences: emerging formulas of social responsibility and technical innovation**

Raquel Martínez Buján, Elvira Santiago Gómez, Carlos Diz, José Antonio Cortés-Vázquez, Montserrat Golías Pérez, University of A Coruña, Spain

10:00-10:30 – Break

Session 5A-Chair: Isabel Novo-Corti, Xose Picatoste (ROOM 0/2)

10:30-10:50 - **Sustainable Development in Higher Education Institutions: A data mining analysis of the publications on the International Journal of Sustainability in Higher Education from 2000 to 2018**

Samara da Silva Neiva; Wellyngton Silva de Amorim; André Borchardt Deggau; Rafael Gustavo de Lima; Gabriéli do Livramento Gonçalves; Flávio Ceci; Celso Lopes de Albuquerque Junior; José Baltazar Salgueirinho Osório de Andrade Guerra, University of Southern Santa Catarina (UNISUL), Brazil

10:50-11:10 - University canteen food waste reduction plan and users awareness on footprint reduction

Amaia Sagarzazu, Maria Merino, Lorena Peña, Ibone Ametzaga-Arregi, University of the Basque Country/Euskal Herriko Unibertsitatea

11:10-11:30 - Promoting sustainable behaviour in the workplace: creating contexts for behavioural autonomy in University settings

Adina Dumitru, Ricardo Garcia Mira, David Uzzell, Pedro Vega Marcote, University of A Coruña, Spain

Session 5B-Chair: Carlos J. Escudero (ROOM 0/3)

10:30-10:50 - Proposals and Alternatives in the Spreading of Environmental Activities at the School of Nautical Studies and Marine Engineering

Alsira Salgado Don, Pablo López Varela, Rosa Mary de la Campa Portela, University of A Coruña, Spain

10:50-11:10 - Sostauga project: reduction of water consumption and evaluation of potential uses for endogenous resources

Verónica Torrijos, Manuel Soto, Domingo Calvo Dopico, University of A Coruña, Spain

11:10-11:30 – Monte da Fraga: land stewardship project on a university campus

Ricardo Ferreiro, María Rodríguez, Verónica Torrijos, Elvira Sahuquillo, Manuel Pimentel, Adán Gonçalves, Manuel Soto, University of A Coruña, Spain

11:30-12:00 - Final Session and Follow-Up (ROOM: Hall of Degrees)

Walter Leal, European School of Sustainability Science and Research, HAW Hamburg, Germany

13:00 – Guided tour of the Campus and of the City of A Coruna (Pedro José Vega Marcote)

POSTERS (ROOM 0/1)

‘Campus, home, city: Laboratories of change’, a multidisciplinary project to promote environmental and social sustainability.

Verónica Torrijos, Manuel Soto, Domingo Calvo-Dopico, Francisco-Alberto Varela-García, Pedro Vega-Marcote, University of A Coruña, Spain

The environmental profile of the University of A Coruña: new challenges derived from sustainability assessment indicators

Domingo Calvo Dopico and Manuel Soto, University of A Coruña, Spain

Implementation and development process of a Green Campus programme at Faculty of Physiotherapy, A Coruña University

Ana Lista-Paz, Luz González Doniz, Antonio Souto Gestal, Sonia Souto Camba, Adrián Fernández Pico, Francisco José Senín Camargo, University of A Coruña, Spain

Campus Elviña-Zapateira in A Coruña (Spain): Assessing the Geothermal Potential Based on Geochemical Data

Jorge Sanjurjo-Sánchez , Víctor Barrientos Rodríguez and Carlos Alves, University of A Coruña, Spain

Smart Campus Project: Bringing teaching and research closer to energy management

Sonia Zaragoza Fernandez, Rosa Rios Prado, Armando Yañez Casal, Sonia Bouza Fernandez, Vicente Diaz Casas, University of A Coruña, Spain

Environmental action for the promotion of health in the Faculty of Health Sciences. University of A Coruña

Ávila Álvarez Adriana, Canosa Domínguez Nereida, Sergio Santos del Riego, Lucía Ramos Guerreiro, Natalia Rivas Quarneti, Laura Nieto Riveiro, Betania Groba González, Alicia Tojeiro Rios, Enrique Rodríguez Ordoñez, University of A Coruña, Spain

The Green Campus Initiative in a Civil Engineering School: Participation, Energy and Sustainability

Rosa Fernández Dapena, Luis E. Pan Lizcano, Luis Pena Mosquera, University of A Coruña, Spain