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INTERNATIONAL CONFERENCE

TRANSITION TO A CIRCULAR ECONOMY IN THE EUROPE-AFRICA
REGION

The University of Padua

1, 2, 3 October 2025

Languages: French, English, Italian (simultaneous translation)

Aula Magna Ingegneria Civile, Edile, Ambientale (DICEA)
Via Marzolo, 9 - 35131 Padova



WEDNESDAY, 1 OCTOBER 2025

08:00-09:00 - Welcome and registration of participants

09:00-09:15 - Presentation of the Euradice project and the international conference by Prof. Esoh Elamé

09:15-10:00 - Institutional greetings and introduction to the proceedings

- Valentina Salomoni, Coordinator of the Internationalisation Committee of the DICEA.
- Raja Iftikhar Ahmed Khan, Past President of the Commission for the representation of Paduan citizens with foreign nationality.
- Diku Suzzane, President of Rete della diaspora dell'Africa Nera In Italia, REDANI APS, Italy.
- Yorgos Nikolaou, Panepistimio Patron, The University of Patras, Greece.
- Lobe Ndoumbe Cyrille, President of the Integration e.V Association, Germany
- Maria Cristina Lavagnolo, Advisor for Africa and International Cooperation.
- Jeanne Lenders, Policy Officer, DG Employment, Social Affairs and Inclusion, European Commission.

10:00 a.m. - 12:00 p.m.: First session of the conference

The cultural and intercultural dimensions of the circular economy.

Chair: Prof. Massimo De Marchi

Monica Caggiano

Observing the circular economy through cultural diversity: an analysis of practices and experiences in Île-de-France.

Sara Alouane and Bouchra Laamrani

Cultural heritage, circular economy and place marketing: towards a conceptual framework.

Esoh Elamé

Intercultural circular economy: theoretical framework and elements of analysis.

Kadi Mohammed

Involvement, capitalisation and replication of Algerian women's experiences in waste management in Algeria.

12:00 - 13:30 - Buffet

13:30 - 15:30: Second session of the conference

The African circular economy: challenges and prospects.

Chair: Prof. Louis Bernard Tchikoua.

Victorine Ghislaine Nzino Munongo

The circular economy in Cameroon: a necessary transition for sustainable development.

Chancia Biloghe Bengone and Annie Beka Beka

Integrating circular economy into the governance of Gabonese cities.

Jovial Koua Oba

Circular economy: an opportunity to tackle the problem of household waste management in Brazzaville?

Mildred Endam Acha

Integrating circular economy into construction projects : a model for the gentrification of African cities. The case of Yaounde and Bamenda, Cameroon.

Sidonie Libom

The link between circular economy practices and the S-LCA methodology in the African context.

3.30pm - 5pm: Third session of the conference

The social identity of the African circular economy.

Chair: Prof. Beka Beka Annie

Jacques Gaël Gameni Wandja

Circular economy as a means of combating poverty in the city of Douala.

Modika Johnson

Integrated municipal solid waste management and its environmental impact in Koumra, Chad.

Ossina Ngoï Chaberth

Analysis of circular economy in Congo Brazzaville: challenges and prospects for the recycling of electrical and electronic waste in the city of Brazzaville.

5:00 p.m. - 6:30 p.m.: Plenary Conference I

The problem of landfills in African countries

Moderator: Prof. Nkeng Elambo

- **Speakers:** Prof. Roberto Raga and Prof. Paolo Carrubba

THURSDAY, 2 OCTOBER 2025

08.30 - 09.30: Plenary Conference II

Towards fruitful Europe-Africa cooperation in the field of circular economy.

Moderator: Dr Rose Nangah Mankaa

Speakers: Prof. Louis Bernard Tchuikoua (Cameroon), Prof. Jovial Koua Oba (Congo Brazzaville), Prof. Maria Cristina Lavagnolo (Italy).

09.30 - 11.30: Fourth session of the conference

The informal circular economy in Africa.

- **Chair:** Prof. Maria Cristina Lavagnolo

Aminatou Laouane

The informal circular economy of automotive waste: the case of used tyres in Maroua, Cameroon.

Djalna Kouyadéga

The informal circular economy of salt production in the municipality of Doufelgou.

François Singue Diouf and Abdou Aziz Faye

The circular economy of car parts in Dakar: current situation and prospects.

Bouna Ndiaye, Ramatoulaye Mbengue

Artisanal recycling of construction waste in Dakar, Senegal: the example of debris.

Ntsame Ondo Nicole épouse Nguema Mbogho

The circular economy of aluminium in the Mindoubé landfill (Libreville): the case of artisanal production of cooking pots.

Esoh Elamé

Artisanal recycling of aluminium for the production of pots in Douala: a case of informal circular economy.

11.30am - 1pm: Fifth session of the conference

The African circular economy inside and outside landfills.

Chair: Prof. Roberto Raga

Jean-Claude Ndong Mba and Dimitri Essono Milla

The attractiveness of urban waste landfills in African cities.

Annie Beka Beka

Economic dynamics of informal waste recycling in the Mindoubé landfill in the city of Libreville, Gabon.

Esoh Elamé

Informal circular economy of Garlaka soap production by a women's cooperative in Maroua/Cameroon using waste oil from the Cameroon Cotton Company (SODECOTON).

Mbeugang Clément, Takoulo Kouoh Fonang Bertin and Dzalla Ngangué Guy Charly

Urban landfills, toxic leachate and the circular economy: the case of the PK 10 Nyalla landfill in Douala (Cameroon).

Timothée Ndongue Epangue

The second-hand economy in Douala and the issue of marginalised citizens.

Antonio Massarutto & Roberta Curiazi

Economic analysis of the circular economy: the case of WEEE.

13:00 - 14:00 - Buffet**2.30pm - 4pm: Sixth session of the conference****The African circular bioeconomy**

Chair: Prof. Gianfranco Franz

Namechou Djogab Christelle and Tilong Marinnette Carole

Experiences of circular bioeconomy in Cameroon: the case of Green Power and Solarising biotechnologies.

Tsague Sokeng Fanny Olivia

The circular bioeconomy of cocoa pod shells: a case study in Bafia.

Ramatoulaye Mbengue

The popularisation of local composting through the circular bioeconomy of organic waste for horticulture: the case of the municipality of Ngor/Senegal.

Nobah Céline Sidonie Koco

The possible contribution of black soldier fly larvae (*Hermetia illucens*) to the circular bioeconomy of organic waste for feeding tilapia in Ivory Coast: a theoretical analysis.

16.00 - 17.30: Seventh session of the conference**Circular economy between Europe and Africa: opportunities to be built.**

Chair: Prof. Alessandro Manzardo.

Assoua Elat Nicéphore

The need for a circular economy in the cash crop sectors in Cameroon: the case of exported dessert bananas (1933-2024).

Kimberly Morales

A life cycle perspective on reducing household food waste through advanced refrigeration in the European Union.

Davis Jose

Sensitivity of the circular footprint formula across regions: a Sobol-based analysis of lithium, cobalt and nickel in Europe and Africa.

Elena Ferraioli

Planning for circularity: transformative narratives for rethinking waste lands.

Gianfranco Franz and Caterina Rondoni

Beyond the boundaries of the circular city: food, flows and territorial relations.

5.30pm - 7pm: Eighth session of the conference

How to build Europe-Africa cooperation in the field of circular economy.

Chair: Prof. Massimo De Marchi

Ngouo Sylvestre

Europe, Africa and the trade in second-hand goods: a partnership at risk or the path to a different kind of circularity?

Dondjang Njandja Falonne

Analysis of the human capital of Cameroonian citizens trained in Germany from a circular economy perspective.

Joël Sagne Moumbe and Célestin Kaffo

Decentralised cooperation and the circular economy: the case of the cities of Nantes/France and Dschang/Cameroon.

Giovanna Deltregia Martinelli

Circular transitions: mapping the socio-cultural and political value of food waste from a global South perspective.

Fabrice Nguegang

CleanTech for the transition to a circular economy in Africa: do foreign direct investments matter in the adoption of clean fuels and technologies for cooking food?

FRIDAY, 3 OCTOBER 2025

9:00 a.m. - 10:00 a.m.: Morning session of the conference

Towards circular pedagogy.

Chair: Prof. Yorgos Nikolaou

Simona Sandrini and Caterina Calabria

Training in sustainability, between globalism and localism.

Esoh Elamé

Circular pedagogy for ecological transition: a cognitive epistemological framework of reference.

Salomé Michelle Rose Edima

Taking the circular economy into account in the management of archives and documentation in public universities in Cameroon.

10:00 a.m. - 12:00 p.m.: Tenth session of the conference

Towards circular didactics.

Chair: Prof. Yorgos Nikolaou

Etienne Salvador Merlin Mewassi Aboui, Eric Voundi and Daniel Toksia

The use of ecological charcoal to educate and raise awareness among young people in schools about the circular economy: presentation of a pilot experiment in the city of Douala.

Adrien Jean Ngaha Ngaha and Louis Bernard Tchuikoua

Creation of a teaching method called TRIKIDS to educate primary and secondary school pupils about the circular economy.

Jacques Ngong Atembone

The circular economy in history teaching in Cameroon: the case of the secondary school history programme.

Vandi Moise

Experimentation with a sustainable education project in the municipality of Douala 1er - Cameroon.

Vandi Moise and Marius Cesar Dongmo

Educating students about the circular economy through the School Agenda 21.

12:00 - 13:00 - Buffet

1:00 p.m. - 2:30 p.m.: Plenary Conference III

Training in the circular economy in Europe and Africa: comparing Italian experiences.

Moderator: Prof. Roberto Raga and Jeanne Lenders

Speakers:

- Maria Cristina Lavagnolo and Esoh Elamé (Presentation of the ELEA master's degree).
- Antonio Massarutto (Presentation of the first-level master's degree in "Integrated Waste Cycle and Circular Economy").

2:30pm - 4:00pm - Closing plenary session

Plenary presentation of the results of the working sessions and discussion with participants

- Intervention by the scientific committee
- Contribution from the EurAdice project consortium
- Presentation of certificates of participation
- Closing aperitif
- Cultural tour of the city of Padua

Follow the conference remotely using this link:

<https://unipd.zoom.us/j/84270482522?pwd=QoV3L1hPwTtZbxIHxbW7zNAB8atpNK.1>

Meeting ID : 842 7048 2522

Code : 812920



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ARCHITECTURAL ENGINEERING(DICEA)



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