



MAKING SUSTAINABLE CITIES 2022

“ La Fabrique de la Ville Durable ”

**A Forum for Sustainable Initiatives
&
An International Conference**
Facing Climate Change, Making the City Sustainable

March 25th, 26th and 27th, 2022

at the French Institute of Egypt in Cairo



The Sustainable Initiatives Forum



The international scientific community as well as most governments have recognized climate change to be one of the most challenging existential threats of our time. The impacts on our planet bearing upon global warming are becoming ever more substantial and increasingly harder to reverse. And even still, this aspect is only one element on a long list of rapid and intertwined changes both produced by and affecting humanity.

In the run-up to the upcoming UNFCC COP 27 in Sharm El Sheikh and following on from our previous conferences on sustainable cities and 2020's "Being a citizen in a metropolis", this 5th edition of La Fabrique will continue to address the ever-rising stakes of climate change and engage in a thought-provoking dialogue on the means to resolve this global issue in the cities of the MENA region.



This March, 25th, 26th & 27th, in Cairo, La Fabrique is directing both national and international research efforts towards the challenges of climate change while highlighting some of the most prominent initiatives carried out by the Egyptian and regional civil society actors that offer different pathways to protect our urban environments. 2022's edition of La Fabrique is a two-tier event, consisting of "the Sustainable City Forum" and "Facing climate change, making the city sustainable" conference. Through this three-day event, La Fabrique offers you a series of experiments, digital activities, scientific and transdisciplinary discussions that foster networking and create collaboration opportunities for various actors engaged in the response to climate change and the increasing urbanization.



This year, the CEDEJ, the French Institute in Egypte (IFE) and the Friedrich-Ebert-Stiftung (FES) are joining forces to explore, experiment, and discuss solutions for climate change. The two-day conference in Cairo will be followed by a second conference led by the FES at the Bibliotheca Alexandrina. These two conferences are part of the Franco-German "Month of Sustainable Cities" taking place this March 2022. This month's events include the Friedrich Ebert Stiftung's "Urban Lab Camp" in Alexandria, International Women's Day on "Feminism and Ecology" organized by the Embassy of France and the French Institute of Egypt in Cairo, International Women's Day organized by the French Institute of Egypt, the Goethe Institute and B'sarya Arts in Alexandria as well as La Fabrique de la Ville Durable in Cairo.



Conference: Facing Climate Change, Making the City Sustainable

Objectives



On the topic of environmental degradation, three inextricable elements will be discussed and vetted through international research efforts:

1. Climate disruption and its often tragic consequences: urban heat islands, drought, extreme weather conditions floods, etc...
2. The Anthropocene and all environmental mutations that resulted from human activity and unrestrained urban development : mining, anthropogenous transformation of lands, urban sprawl and loss of biodiversity.
3. Air, water and soil pollution as well as greenhouse gas emissions and their immediate impact on general health, that has become quite evident in the light of the pandemic.

Urban environments are undoubtedly the main reason for this systemic destruction but they are also where the impact is most severe. Although they are the largest producers of greenhouse gases and the most polluted areas in the region, metropolises score the highest rates when it comes to environmental awareness.

Three major transformations are vetted. One that explores surface solutions without questioning the reasons behind the urban sprawl or vehicle dependency, one opts for technical solutions to reduce the impacts like using alternative non-fossil fuels to lessen the carbon footprint, and lastly, one that looks to assess and evaluate, and pushes people and businesses to change the way they produce or consume products, which results into creating what is called: "Transition cities".



Cities in the MENA region are particularly affected by the consequences of environmental degradation. Some are facing the threat of an imminent collapse due to extreme weather conditions -especially in the most populous areas-, water shortage, floods and severe pollution, all endangering the lives of millions of city residents. Yet, vehicle dependency is increasing every year, as is the demand for valuable resources. Therefore, there's a dire need for a global assessment by the scientific community, for which this conference lays the groundwork and opens a conversation with both city residents and experts.



The Sustainable Initiatives Forum

March 25th, 2022

01:00 – 8:00 PM

March 26th and 27th, 2022

10:00 AM – 6:00 PM



Exhibitors

1		Established in 1994, AESVT is a renowned Moroccan association leading projects for the environment, mainly in the field of education. Its 2000 members and 10000 volunteers are advocating for sustainable cities, the preservation of biodiversity and providing training for ecological transition. www.aesvtmaroc.org - communication.aesvt@gmail.com
2		Banlastic is a social enterprise based in Alexandria that tackles the plastic pollution problem since 2018. It aims to ban single-use plastic in Egypt by offering alternative products, creating a base of aware customers through delivering workshops, training, beach cleanups, and various environmental events. www.banlasticegypt.com - info@banlasticegypt.com
3		Button-up is a social enterprise that seeks to achieve economic empowerment of youth and women in Cairo's most impoverished areas through lines of Eco-friendly products, trainings and promotion. www.buttonup100.com - info@buttonup100.com
4		Envirofest is a cultural, educational and cinematic event that has turned into a platform for a better understanding of environmental issues and debates around this theme. Present in eight different cities across Tunisia, the event has become a key moment for environmental actors in North Africa. www.envirofest.tn - contact@envirofest.tn
5		Greenish is an Egyptian social enterprise founded in 2017 to raise awareness about the environmental issues facing Egyptian local communities. One of Greenish's latest projects is working in five governorates to deliver a four-day training program to environmental activists in addition to hands-on training on building an environmental campaign. www.green-ish.org - info@greenishheart.com
6		Live Love is a social enterprise supporting communities with basic needs through a promotion of sustainable development practices. One of its famous projects, Live Love has become the first %100 solution to waste crisis in Lebanon with an app offering free pick-up and recycling of waste. It is now also supporting on many levels the rehabilitation of neighborhoods in Beirut. www.livelove.org - hello@livelove.org
7		Megawra-BEC is a platform for debate and action in the urban environment with a focus on theory, praxis, art and linking cultural heritage to sustainability and social responsibility. Established in the Al Khalifa neighborhood, in Cairo, Megawra has been supporting students of architecture and heritage preservation, while renovating and developing many parts of the area. www.megawra.com - info@megawra.com
8		The Nada is an Egyptian non-profit organization established in 2014, with a focus on road safety and safe mobility. Aiming to eliminate road traffic fatalities, it has initiated projects from public awareness campaigns, capacity building, environmental advocacy and partnerships. www.nadaroadsafety.org
9		NCE is a non-governmental organization that is dedicated to the conservation of Egypt's natural heritage and the promotion of its sustainable use for the benefit of the present and future generations. It achieves these aims through demonstration of practical conservation measures, awareness raising activities, studies and lobbying. www.natureegypt.org - info@natureegypt.org
10		In 2007, Om Habibeh was created to support agricultural communities in Aswan through sustainable improvement of productivity and income. It promotes environmentally sound agricultural practices, with a strong focus on the inclusion of women farmers in the community's leadership. www.facebook.com/OmHabibehFoundation
11		Solar Solutions is a social start-up looking to implement modern and clean energy solutions in Egyptian houses, to reduce the carbon footprint while offering a cost-saving approach for customers. www.solarsolutionseg.com - info@solarsolutionseg.com

12		Sustainable Fashion Alliance is a platform of fashion designers, brand owners, stylists and industry players who are engaged on sustainability from a social, cultural and environmental aspect. It seeks to share ideas and discussions and foster collaborations on big projects and events. www.facebook.com/groups/sfamena
13		Tabdeel is a group of Egyptian urban planners and cycling enthusiasts working on making cycling a means of transportation in Egypt. Among its projects, Tabdeel organizes various workshops, offers a new urban planning for Cairo and Alexandria, and is starting conversations on the implementation of cycling infrastructures in Egypt. www.tabdeel.org - tabdeel.eg@gmail.com
14		Takafu is an NGO based in Minya Governorate that supports communities through sustainable development. With innovative solutions, training and basic needs, Takafu aims to empower women farmers by trying to eliminate their main and basic concerns. www.facebook.com/TakafuFoundation - mariem_nabel@yahoo.com
15		Takween is an urban development company that aims to improve the quality of life for the city residents of the Middle East. From Urban planning and research to heritage preservation and management, Takween focuses on solutions that meet the needs of the communities and their specific urban environment. www.takween-eg.com - info@takween-eg.com
16		Tunisie Recyclage and Soli & Green are two Tunisian social enterprises founded by Houssein Hamdi. Tunisie Recyclage allows residents of North Tunis to learn how to sort waste at home, while Soli & Green focuses on fighting against environmental disasters, through reforestation, clean up and training campaigns. www.tunisierecyclage.org - facebook.com/SoliNGreen
17		Reform Studio is an award-winning international design studio based in Cairo that focuses on responsibly crafted product design. Their products are mostly vintage, fully sustainable and support unprivileged women's communities. www.reformstudio.net - info@reformstudio.net
18		VeryNile is the first initiative to develop sustainable means to clean the Nile while raising awareness on the importance of protecting our environment. VeryNile focuses on both social and environmental impact, with clean up campaigns, recycling, and gathering communities around this cause. www.verynile.org - info@bassita.org
19		Yolda Initiative is a turkish nature conservation organisation working on the international level, with a focus on conserving biodiversity through research, advocacy, communication and by working on creating partnerships. It also highly supports traditional cultural practices, such as pastoralism. www.yolda.org.tr - info@yolda.org.tr
20		You Think Green is a social enterprise that focuses on fostering Sustainability and Entrepreneurship among youth sector via educational programs and events. Since its establishment in 2013, it has pushed hundreds of entrepreneurs towards renewable energy, energy management, water sustainability and waste management. www.ytg.eco - info@ytg.eco
21		Established in 2012, Youth Loves Egypt is an NGO aiming at promoting sustainable development across Egypt, having actions from trainings to clean up campaign and ecotourism. Among its various projects, it has recently organized a cycle marathon and beautified the unknown soldier square in Alexandria. www.yle-foundation.com - inf@ylefoundation.com
22		The Zabbaleen association is one of the representatives of the renowned community that reuses and recycles many materials. Over the years, the Zabbaleen community has been developing one of the best recycling competencies across the world.

DAY 1 - Friday, March 25th

01:00 pm - 03:45 pm	Presentations	• Manar Ramadan (Banlastic) • Ahmed Fathy (YLE) • Shehab Abou Zeid (NADA Foundation) • Mostafa Habib (VeryNile) • Mariam Hazem (Reform Studio) • Houssein Hamdi (Tunisie Recyclage - Tunisia) • Salah Ghanem (Button-up) • Romani Badre (Zabbaleen) • George & Eddy Bitar (Live Love - Lebanon)
03:45 pm - 04:00 pm	Break	
04:00 pm - 05:15 pm	Speeches	• Da7ee7, YouTuber • Nadine Delattre, French Deputy councillor of cultural cooperation in Egypt • H.E. Marc Baréty, Ambassador of France in Egypt • Dr. Yasmine Fouad, the Egyptian Minister of Environment
05:15 pm - 06:30 pm	Panel: Collaborative efforts towards building more resilient African cities – A case for COP 27 - YTG	Moderator: Abdelrahman Fahmy (You Think Green) • Prof. Heba Khalil, Professor of Sustainable Urbanism, Cairo University • H.E. Mohamed Nasr, Director of Environment and Sustainable Development, Ministry of Foreign Affairs • H.E. Mahmoud Mohiy El-din, IMF, COP27 Champion • Rania Hedeaya, Country Program Director, UN-Habitat
06:45 pm - 08:00 pm	Film screening « Immuto » and discussion with Banlastic.	





**The International Conference
“ Facing Climate Change, Making the City Sustainable ”**



March 26th and 27th, 2022



DAY 2 – Saturday 26 March
« Identifying socio-climatic risks » (General Public)

8:30 am	Welcome & Registration	
09:00 am - 10:00 am	Introduction	What is the role of the Paris Agreement and the Glasgow Climate Pact in addressing climate change? In the MENA region, climate change has to be faced in an inclusive perspective and according to a paradigm of transition rather than adaptation. • Sherif Dawoud, Ministry of Planning, • Richard Probst, Friedrich Ebert Stiftung • Agnès Deboulet, CEDEJ • A.K.M Saiful Islam, Bangladesh University of Engineering and Technology, IPCC expert
10:00 am - 11:30 am	Panel 1 - Metropolises, Fragile Deltas, Vulnerable Territories	The Nile Delta and Cairo are among the most densely urbanized regions of the world. This panel will address the different facets of climate change by examining its consequences and the future of this region. • Keynote speech: Sylvie Fanchette, Research Institute for Development (IRD) <i>Deltas' vulnerability linked to climate and environmental changes: the metropolisation challenges in Asia and Nile Delta</i> Round table: • A.K.M Saiful Islam, Bangladesh University of Engineering and Technology <i>IPCC's Sixth Assessment Report for Cities under Global Warming</i> • Florian Bonnefoi, CEDEJ <i>Costal overdevelopment and climate change: adaptation strategies in the Nile Delta</i> • Maël Crépy, IFAO <i>What does the Holocene evolution of the Nile Delta tell us about its present and potential future changes?</i> • Momen El Hussein, AUC <i>Dwelling at the liminalities of Capitalocene and Urban Expansions</i> Moderators: Holger Gladys, German University in Cairo and Noha Roushdy, Boston University
11:30 am - 11:45 am	Coffee Break	
11:45 am - 13:15 pm	Panel 2 - The Metropolis Facing Climate Change: Global Warming, Pollution, and Urban Heat Islands	The challenges of data availability, access to information and health consequences are among the priorities when addressing climate change. This panel reviews the diversity of climate challenges, ranging from the most visible to the least tangible forms of pollution, whether it be water, air, or soil. • Keynote speech : Soraya Boudia, University of Paris <i>Health and environmental risks in the age of the global environmental crisis</i> Round table: • Ahmed El Dorghamy, UN-Habitat <i>Heat island effects and cities</i> • Ragia Elgerzawy, Egyptian Initiative for Personal Rights <i>Air pollution and climate change are two sides of the same coin: the city as the culprit and the victim</i> • Tala Alaeddine, Public Works Studio (Beirut) <i>Systems of extraction and toxic ecologies : the case of cement production and quarrying in Lebanon</i> • Emmanuel Osuteye, DPU, University College London  <i>Climate resilience pathways in informal settlements in Africa</i> Moderators: Mehdi Labzaé, CEDEJ et Abir Saksouk, Public works Studio
13:30	Lunch Break	

DAY 2 – Saturday 26 March 2022

02:30 pm - 04:00 pm	Panel 3 - Unsustainable Metropolis: Assessing Socioclimatic Risks	The expansion of infrastructures for car mobility raises questions of spatial justice, while a global concern emerges from the tension between trending decarbonization strategies and sustainability. This is also an opportunity to question socio-spatial risks such as population displacement and understanding environmental hazards. - Keynote speech: Philipp Rode, LSE  Cities and climate action: The radical decarbonisation of the transport sector Round table: Heba Ahmed Attia Mousa, Tabdeel Soft mobility and urban planning in Cairo Pascal Menoret, Brandeis University  The Petroptimist David Sims, independent economist and urban planner Environmental impacts of urban sprawl in Egypt Ahmed Zaazaa, 10 tooba The Environmental Price for the New Real Estate Development Paradigm Moderators: Marie Vannetzel, CEDEJ/CNRS et Dalia Wahdan, AUC
04:00 pm - 04:15 pm	Coffee Break	
04:15 pm - 05:45 pm	Panel 04 - Unsustainable Metropolis and Urban Climate Change Practices	Sustainability of major metropolises is sharply in decline. This panel aims at presenting some attempts to mitigate major risks such as flooding, urban heat islands, drought, and lack of green spaces. - Keynote speech: Yves Cabannes, DPU, University College London Contributions of Participatory Budgeting to climate change adaptation and mitigation. Round table: Romain Leclercq, Centre des politiques de la terre  Making Disaster "Acceptable" - Urban Engineering and climate change adaptation policies Dalila Ghodbane, CEDEJ Building Climate Resilience in Cairo : An Architectural Issue Eleni Mougiakou, Common space (Athens) The initiative Participatory LAB for Climate Change Adaptation François Menguele, GIZ Matching climate action with specific urban contexts and intervention typologies Riham Abdelhamid, Bibliotheca Alexandrina BA Social Responsibilities in Building Youth capacities Youth Capacities towards Sustainable Development Moderators: Agnès Deboulet, CEDEJ and Waleed Mansour, FES



DAY 3 – Sunday 27 March
« Responding to Socio-Climatic Risks »

09:00 am	Registration	
09:30 am	Intro	Keynote speech: Nabil El-Hady, Cairo University
10:00 am - 11:30 am	Panel 5 - Consumption and Waste: Towards Sobriety?	Responsible consumption and production are goals to be reached, but do we need to consume all what we produce? This panel will address this question through a political ecology lens. Round table: • Mohamed Kamal, Greenish Understanding the Municipal Solid Waste State of Mansheyat Dahshur • Mostafa Habib, VeryNile Initiative to clean the Nile • Maha Bouhlel, Université La Manouba Environmental and ecological justice in the city, in light of the issue of waste disposal • Lukas Schäfer, GIZ National Solid Waste Management Programme (NSWMP) • Romani Badre, Zabbaleens organisation The role of Zabbaleen in facing climate changeMo Moderators: Mehdi Labzaé, CEDEJ and Sylvie Fanchette, IRD
11:30 am - 11:45 am	Coffee Break	
11:45 am - 01:15 pm	Panel 06 - Public Spaces and Bio-Diversity in the City	Decarbonization and preservation of the urban environment are tied together. Are green public spaces and biodiversity in the urban setting essential for our wellbeing? Can we reconcile urban expansion and biodiversity protection? Round table: • Eric Huybrechts, Paris Region Institute Public spaces and the Metropolis • Sara Seyam, Takween Urban Inclusivity and Environmentally Responsive Architecture - Creating A Women Friendly Space, Izbat al-Burj, Damietta • Dina Alaraj, Bethlehem municipality Reinventing public Spaces in Bethlehem Project • Nabil El Hady, Cairo University Living in socio-ecological systems Moderators: Luisa Arango, CEDEJ Khartoum and Momen El Hussein, AUC
01:30 pm	Lunch Break	
02:00 pm - 04:00 pm	Panel 7 - Cities in Transition and Climate Justice	This panel will look specifically at commitments to environmental justice in cities by reflecting on the proposals of « Cities in Transition ». Round table: • Isabelle Berry-Chikhaoui & Valérie Lavaud-Letilleul, Montpellier 3 University Climate Change and the Just City : A "new urgency" to tackle urban issues with inhabitants and workers • Abir Saksouk, Public works Studio, Beirut Land policies and environmental justice : the case of publicly-owned properties in Lebanon • Laila Iskander, former minister of informal settlement Informal Settlements: Home to Cities' Principal Recyclers/Waste Managers and Climate Champions • Abdelghani Aghzal, Chefchaouen municipality Sustainable city, case of Chefchaouen, Morocco Moderators: Carl Rommel and Soraya Boudia, University of Paris
04:00 pm	Conclusion Towards Environmental Governance in Cities	Waleed Mansour , FES, Leon Diaz-Bone , ICLEI and Agnès Deboulet , CEDEJ

Scientific Board:

- Agnès Deboulet, professor of sociology, director of the CEDEJ, Cairo
- Dalila Ghodbane, architect, urban planner and sociologist, associate researcher at CEDEJ, Cairo
- Mehdi Labzaé, political sociologist, researcher at CEDEJ, Cairo
- Mohamed Abou Terra, architect
- Soraya Boudia, professor of sociology, University of Paris
- Sylvie Fanchette, geographer, director of research at the IRD, University Paris Diderot
- Waleed Mansour, FES Egypt

Organization Committee:

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- Ayda Yakout
- Jeanne Gorin
- Inès Anwar
- Mehdi Labzaé

Friedrich Ebert Stiftung:

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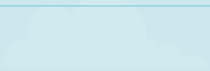
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Notes





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