MAKING SUSTAINABLE CITIES 2022

“La Fabrique de la Ville Durable”

An International Conference

“Facing Climate Change, Making the City Sustainable”

March 26th and 27th, 2022

at the French Institute of Egypt in Cairo
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 embedded changes that humans have been inflicting upon ourselves.

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” conference, 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 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 the “Facing climate change, making the city sustainable conference”. Through this three-day event, La Fabrique offers you a series of experiments, digital activities, 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 offer 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 includes the Friedrich Ebert Stiftung’s “Urban Lab” 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 Bsarya Arts in Alexandria as well as the Making Sustainable Cities Forum and Conference “La Fabrique de la Ville Durable” in Cairo.
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 resulting 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 Metropolises are the largest producers of greenhouse gases and the most polluted areas in the region, they 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 vehicule dependency, one that 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, 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.
Program

March 26th and 27th, 2022
### DAY 1 – Saturday 26 March
« Identifying socio-climatic risks » (General Public)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Description</th>
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<tbody>
<tr>
<td>8:30 am</td>
<td>Welcome &amp; Registration</td>
<td>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.</td>
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<tr>
<td>09:00 am</td>
<td>Introduction</td>
<td>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.</td>
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<tr>
<td>09:00 am</td>
<td>Introduction</td>
<td>• Sherif Dawoud, Ministry of Planning, Friedrich Ebert Stiftung, CEDEJ, IPCC expert</td>
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<tr>
<td>10:00 am</td>
<td>Panel 1 - Metropolises, Fragile Deltas, Vulnerable Territories</td>
<td>• Sylvie Fanchette, Research Institute for Development (IRD)</td>
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<tr>
<td>10:00 am</td>
<td>Panel 1 - Metropolises, Fragile Deltas, Vulnerable Territories</td>
<td>Deltas’ vulnerability linked to climate and environmental changes: the metropolisation challenges in Asia and Nile Delta</td>
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<tr>
<td>11:30 am</td>
<td>Coffee Break</td>
<td>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.</td>
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<tr>
<td>11:45 am</td>
<td>Panel 2 - The Metropolis Facing Climate Change: Global Warming, Pollution, and Urban Heat Islands</td>
<td>• Soraya Boudia, University of Paris Health and environmental risks in the age of the global environmental crisis</td>
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<td>13:00 am</td>
<td>Lunch Break</td>
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<tr>
<td>13:30 am</td>
<td>Lunch Break</td>
<td>• Ahmed El Dorghamy, Onu-Habitat Heat island effects and cities</td>
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<tr>
<td>13:30 am</td>
<td>Lunch Break</td>
<td>• Ragia Elgerzawy, Egyptian Initiative for Personal Rights Air pollution and climate change are two sides of the same coin: the city as the culprit and the victim</td>
</tr>
<tr>
<td>13:30 am</td>
<td>Lunch Break</td>
<td>• Tala Alaeddine, Public Works Studio (Beirut) Systems of extraction and toxic ecologies: the case of cement production and quarrying in Lebanon</td>
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<tr>
<td>13:30 am</td>
<td>Lunch Break</td>
<td>• Emmanuel Osuteye, DPU, University College London Climate resilience pathways in informal settlements in Africa</td>
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<tr>
<td>13:30 am</td>
<td>Lunch Break</td>
<td>Moderators: Mehdi Labzaé, CEDEJ et Abir Saksouk, Public works Studio</td>
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### DAY 1 – 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  
  *Rendre la catastrophe « acceptable » - Ingénierie urbaine et politiques d’adaptation au changement climatique*
- **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
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<td>09:00 am</td>
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<td>Keynote speech: Nabil El-Hady, Cairo University</td>
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| 09:30 am     | Intro                                      | Responsible consumption and production are goals to be reached, but do we need to consume all 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  
    La Justice Environnementale et Écologique en Ville face à la Question des Déchets  
  - Lukas Schäfer, GIZ  
    National Solid Waste Management Programme (NSWMP)  
  - Romani Badre, Zabbaleens organisation  
    Rôle des zabaleens dans la lutte contre le changement climatique  
  Moderators: Mehdi Labzaé, CEDEJ and Sylvie Fanchette, IRD |
| 10:00 am - 11:30 am | Panel 5  
  Consumption and Waste: Towards Sobriety? | Decarbonization and preservation of the urban environment are tied together. Green Public spaces and biodiversity protection in the urban setting are central components 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 Husseiny, AUC |
| 11:30 am - 11:45 am | Coffee Break                               |                                                                                                                                              |
| 11:45 am - 13:15 pm | Panel 06  
  Public Spaces and Bio-Diversity in the City | 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 publicy-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 |
| 01:30 pm     | Lunch Break                                |                                                                                                                                              |
| 02:00 pm - 04:00 pm | Panel 7  
  Cities in Transition and Climate Justice |                                                                                                                                              |
| 04:00 pm     | Conclusion Towards Environmental Governance in Cities | Waleed Mansour, FES  
  Leon Diaz-Bone, ICLEI  
  Agnès Deboulet, CEDEJ |
|              |                                            | DAY 2 – Sunday 27 March « Responding to Socio-Climatic Risks » |
**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:**

**CEDEJ:**
- Agnès Deboulet
- Ayda Yakout
- Jeanne Gorin
- Inès Anwar
- Mehdi Labzaé

**Friedrich Ebert Stiftung:**
- Waleed Mansour
- Hadil El Domiaty

**The French Embassy in Egypt’s Cultural Cooperation Unit/The French Institute in Egypt:**
- David Regnier
- Adrien Cluzet
- Laura Khassouf
- Hana Ragab

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- Marwa Kamel

**Interpreters:**
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- Mona Nabil
- Rehab Salah-El Din
- Samah El Mahdy