



NATIONAL AGENCY FOR  
ENERGY CONSERVATION  
**A N M E**

A sustainable and renewable engagement



# CONCEPT NOTE

## TOWARD ENERGY TRANSITION IN AFRICA

« *The e-mobility at the service of the energy transition: Issues and challenges* »

*The City of Culture (Théâtre des Jeunes Créateurs)*

*Tunis, Tunisia*

*AUGUST 26<sup>th</sup>, 2022 from 9am to 10.30am*

## 1. Context

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Today, the transport sector is almost dependent on fossil fuels, it is the fastest growing greenhouse gas (GHG) emitting sector as well, and is expected to reach more than 30% of total emissions sooner, while the global vehicle fleet is expected to double by 2050, and more than 90% of future vehicle growth is expected to take place in low- and middle-income countries, particularly countries on the African continent. To this end, and to achieve a cleaner transport sector, a combination of measures must be implemented very quickly in order to promote electric mobility and prepare for this mandatory technological invasion for the decarbonization of this sector, particularly for countries from the continent.

By reducing greenhouse gas emissions and fine particles, by providing a less energy-consuming, cleaner, quieter transport mode, electric mobility allows communities to contribute to the ambitions of the energy transition while reducing their dependence on fossil fuels (90% of the energy consumed in road transport is fossil).

In Tunisia, the road transport vehicles fleet has doubled since 2005, to reach 2.5 million vehicles in 2021, of which 80% of light vehicles. This change has generated final energy consumption of around 2.4 million toe in 2021 (92% of which comes from petroleum products).

It should be noted that an increasing number of governments are declaring their intention to phase out combustion engine vehicles. Nearly half a dozen countries in Europe have set targets and dates for phasing out combustion engine passenger cars in their national strategies, plans and programs, or have drafted or adopted such laws to mitigate the climate change.

Therefore, it is time to think about Africa to prepare itself for this new phase.

## 2. Objective

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This event aims to open the debate to speakers/panellists and participants in order to express their points of view with regard to the promotion of electric mobility, in particular:

- The issues related to the electric mobility development,
- The challenges to overcome (Increased use and accessibility of renewable energies, power supply infrastructure, storage and environmental impact, recycling, value chain development and industrial integration, transformation of uses and digital, etc.) ,
- Feedback on the uses of electric vehicle drivers.

## 3. Expected results:

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The expected results of this event consist in collecting clear ideas/recommendations for:

- Preparing Africa for this technological and industrial revolution in electric mobility: How and at what cost?
- What orientation / approach / roadmap to adopt in Africa for electric mobility in the future?
- The promotion of the role of Tunisia as a platform / hub for the transfer of know-how and the development of PPP (industrial integration) in Africa on this technology,
- The creation of an "INNOVATIVE VEHICLES" technology park in Tunisia in order to support the existing industrial fabric and promote STARTUPS in the field of electric mobility,

#### 4. Organization and side event format

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- **Panel** : chaired by the Minister of Industry, Mines and Energy and composed of Speakers, a moderator
- **Number of participants**: about 40 participants
- **Venue**: The City of Culture (Théâtre des Jeunes Créateurs)
- **Duration**: 1h30

#### 5. Participants and target audience

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##### **National partners:**

National Agency for Energy Conservation, Ministry of Industry, Mines and Energy, Tunisian Electricity and Gas Company, Ministry of Transport, Technical Agency for Land Transport; Tunisian Customs, Ministry of Local Affairs and the Environment; Ministry of Finance; Ministry of Trade, UTICA (Chamber of Automobile Dealers and Manufacturers), University, academics and researchers, Private Sector.

##### **International partners:**

JICA, AfDB, AFC, UNEP, UNIDO, secteur privé (Toyota Tsusho Corporation..), UE, KfW, etc.

#### 6. Speakers

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The Moderator: Wassim BELARBI

##### **President**

- Minister of Industry, Mines and Energy, *Tunisia*

##### **Honor Guest (To be identified)**

##### **Panellists/Speakers expected from:**

MIME, ANME, SNDP, Startup, UTICA, Toyota Tsusho Corporation or other, Funders (BAfD, UNEP, UNIDO)

## 7. Preliminary/Draft Agenda

| <b>The e-mobility at the service of the energy transition: Issues and challenges</b> |  |
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| <b>9:00– 10:30</b><br>Tunisian time<br><b>17:00-18h30</b><br>Japanese Time           | <p>Moderator: Wassim BELARBI</p> <p><b>Opening session (10mn):</b><br/>Mrs Neila Gongi Nouira, Minister of Industry, Mines and Energy, Tunisia</p> <p><b>International and continental context (10 mn)</b></p> <ul style="list-style-type: none"><li>❖ Dr. Daniel Schroth, Director of Renewable Energy and Energy Efficiency -BAfD-</li></ul> <p><b>National Context (30 mn)</b></p> <ul style="list-style-type: none"><li>❖ Mr Fethi Hanchi, General Director of ANME</li><li>❖ Mr Habib Ammar, General Director Land Transport, Ministry of Transport</li><li>❖ Mr Hichem Anène, CEO of STEG Tunisia</li><li>❖ Mr Fethi Sahlaoui, General Director, Manufacturing Industries (DGIM)</li></ul> <p><b>Private sector and startup (national and international) (20 mn)</b></p> <ul style="list-style-type: none"><li>❖ Mr Boubaker Siela, Tunisian startup (Bako Motors)</li><li>❖ Mr Ibrahim Debache, Chamber of Dealers (UTICA) and CEO Société Ennaki Automobiles</li><li>❖ Mr Shinichiro OTSUKA, COO (Chief Operation Officer) de Toyota Tsusho Corporation</li></ul> <p><b>Donors (point of view) (10 mn)</b></p> <ul style="list-style-type: none"><li>❖ Mr Jane Akumu, Programme Officer, Sustainable Mobility Unit, UNEP (online)</li></ul> <p><b>Debate and recommendations (10 mn)</b></p> |